

DCN: 95-640-305-24

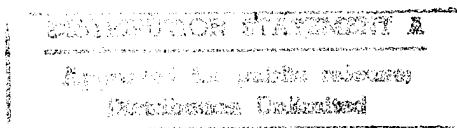
**United States Air Force
611th Civil Engineer Squadron**

Elmendorf AFB, Alaska

Final

**Remedial Investigation Report
Galena Airport and Campion Air Station**

Volume 2—Appendix A



19960404 092

March 1996

APPENDIX A
Analytical Data

APPENDIX A
DETAILED ANALYTICAL RESULTS

CONTENTS LIST -

FOOTNOTE DEFINITIONS

- TABLE A1 RESULTS FOR FIELD PARAMETERS FOR WATER
SAMPLES, GALENA 1992 EVENT
- TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES,
GALENA 1992 EVENT
- TABLE A3 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1992 EVENT
- TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1992 EVENT
- TABLE A5 RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1992 EVENT
- TABLE A6 RESULTS FOR FIELD PARAMETERS FOR WATER
SAMPLES, GALENA 1993 EVENT
- TABLE A7 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES,
GALENA 1993 EVENT
- TABLE A8 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1993 EVENT
- TABLE A9 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1993 EVENT
- TABLE A10 RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1993 EVENT
- TABLE A11 RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM)
SAMPLES, GALENA 1993 EVENT

APPENDIX A

DETAILED ANALYTICAL RESULTS

CONTENTS LIST (continued) -

TABLE A12 RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM,
BLM) SAMPLES, GALENA 1993 EVENT

TABLE A13 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1994 EVENT

TABLE A14 RESULTS OF INORGANIC ANALYSES FOR WATER
SAMPLES, GALENA 1994 EVENT

TABLE A15 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1994 EVENT

TABLE A16 RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES,
GALENA 1994 EVENT

FOOTNOTE DEFINITIONS

- B** Sample concentration was less than or equal to the upper tolerance level (UTL) calculated for the blanks for that analyte in that media. These data are considered indistinguishable from blank concentrations.
- E** Analyte exceeded calibration range, but did not saturate the detector, therefore data is usable.
- F** Co-elution or interference was suspected in the determination of the concentration of the flagged compound. These data may be biased high due to interference, although the QA/QC data for the sample were within acceptance criteria. These data are considered conservative (biased high) concentrations and are used in the risk assessment.
- J** Result is less than sample specific detection limit. Data with this flag should be interpreted with caution.
- K** The presence of the analyte was not confirmed because the compound was not detected on both the primary and secondary columns. Only "KJ" flagged data are reported and are intended for use as proxy values for risk assessment. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).
- L** QC evaluation determined that the result may be biased low, see QA report. This flag is used only on 1992 data.
- NA** Sample not analyzed for the indicated parameter. In the case of SW8080, when results are reported for some compounds, the NA indicate that high concentrations of other target analytes precluded the determination of the flagged compound.
- ND** Not detected. No instrument response for analyte or result less than zero.
- P** The identification of the compound is not confirmed because the ratio of results from the primary and secondary columns differ by greater than a factor of three. The lower of the two values is reported with a "P" flag, since co-elution with a non-target compound is suspected. Although they do not meet the confirmation criteria, it is likely that the compound is present, however the concentration should be regarded as an estimate. This flag is used on methods requiring second column confirmation (SW8010, SW8015, SW8015MP, SW8020, and SW8080).

FOOTNOTE DEFINITIONS- continued

- R Data did not meet QA/QC criteria. See QA/QC evaluation in Appendix F for explanation and discussion.
- S Metal concentration reported was obtained using the method of standard additions. This indicates that the analyst had some reason to believe that there was an interference with the determination, and therefore, the method of standard additions was used to determine the concentration.
- T Second column confirmation was not performed for the flagged compound. In these cases, the sample was analyzed at two different dilutions and the conformational analyses were performed for the samples analyzed at the higher dilution. These data should be considered estimates as they are not confirmed and were measured in the presence of compounds at much higher concentrations.
- X The recoveries of one or more of the internal standards were outside the applicable acceptance criteria. Method appropriate (SW8240, SW8260, and SW8270) corrective actions were implemented to confirm matrix interferences. The X-flag indicates which compounds were quantitated using the affected internal standard(s).
- Z Oily drops suspended in sample extract. An homogenous sub-sample of the extract was analyzed.

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	SAMPLE ID	
	01	01	01
	01-MW-01	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-MW-03-01
		01-DS-07 Dup of 01-MW-02-01	
A403 - Alkalinity (mg/L)	()	()	()
Alkalinity	□ 780	□ 772	□ 832
E120.1 - Specific Conductance (umhos/cm)	()	()	()
Conductivity	□ 865	□ 865	□ 916
E150.1 - pH, Electrometric (pH units)	()	()	()
pH	□ 6.6	□ 6.6	□ 6.7
E170.1 - Temperature (deg. C)	()	()	()
Temperature	□ 1.6	□ 1.6	□ 1.2

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	01	01	01	01	01	01
	01-MW-03	01-MW-04	01-MW-05	01-MW-06		
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01		
A403 - Alkalinity (mg/L)						
Alkalinity	840	648	600	780	()	()
E120.1 - Specific Conductance (umhos/cm)						
Conductivity	916	595	440	650	()	()
E150.1 - pH, Electrometric (pH units)						
pH	6.7	4.9	7	6.8	()	()
E170.1 - Temperature (deg. C)						
Temperature	1.2	2.7	1.8	1.5	()	()

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		02	
	LOCATION ID SAMPLE ID	01-SW-01 01-SW-02-01	LOCATION ID SAMPLE ID	02-GW-01 02-GW-02-01
A403 - Alkalinity (mg/L)	()	340	()	446
Alkalinity	()	340	()	446
E120.1 - Specific Conductance (umhos/cm)	()	662	()	237
Conductivity	()	662	()	237
E150.1 - pH,Electrometric (pH units)	()	6.5	()	6.7
pH	()	6.5	()	6.7
E170.1 - Temperature (deg. C)	()	19.1	()	4.6
Temperature	()	19.1	()	4.6

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	02 02-GW-03 02-GW-03-01	02 02-GW-03 02-GW-03-01 Dup of 02-GW-03-01	03 03-GW-01 03-GW-01-01
Alkalinity	()	242	()
E120.1 - Specific Conductance (umhos/cm)	()	240	()
Conductivity	()	298	()
E150.1 - pH, Electrometric (pH units)	()	6.8	()
pH	()	6.8	()
E170.1 - Temperature (deg. C)	()	ND	()
Temperature	()	ND	()
		7	()
		269	()
		240	()
		316	()
		253	()
		7.3	()
		2.7	()

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	03 03-GW-02 03-GW-02-01	03 03-GW-03 03-GW-03-01	03 03-GW-03 03-DS-01 Dup of 03-GW-03-01	03 03-GW-04 03-GW-04-01
A403 - Alkalinity (mg/L)	()	()	()	()
Alkalinity	488	315	316	414
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity	331	459	457	525
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH	7	7	6.8	5.9
E170.1 - Temperature (deg. C)	()	()	ND	()
Temperature	3.5	ND	ND	5.5

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		()	[]	598	()	[]	148	()	[]	144	()
	LOCATION ID	SAMPLE ID										
A403 - Alkalinity (mg/L)	04	04										
Alkalinity	04-MW-02	04-MW-03			598			148			144	
E120.1 - Specific Conductance (umhos/cm)	04-MW-02-01	04-MW-03-01										
Conductivity					632			266			273	
E150.1 - pH,Electrometric (pH units)												
pH					6.9			7.6			7.7	
E170.1 - Temperature (deg. C)												
Temperature					9.2			22.1			23.1	

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04	04	04	05
	04-SW-02	04-SW-03	04-SW-04	05-MW-01
	04-SW-02-01	04-SW-03-01	04-SW-04-01	05-MW-01-01
A403 - Alkalinity (mg/L)				
Alkalinity	110	118	100	ND
E120.1 - Specific Conductance (umhos/cm)				
Conductivity	210	222	208	506
E150.1 - pH, Electrometric (pH units)				
pH	7.5	7.8	7.5	ND
E170.1 - Temperature (deg. C)				
Temperature	21	22.9	22.6	1.3

TABLE A1 RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		()	[]	[]	()	()	()	()	()	()
	LOCATION ID	SAMPLE ID									
A403 - Alkalinity (mg/L)	05	05									
Alkalinity			788			ND					900
E120.1 - Specific Conductance (umhos/cm)	05-MW-02	05-MW-03									
Conductivity			527			696					659
E150.1 - pH, Electrometric (pH units)	05-MW-02-01	05-MW-03-01									
pH			7			6.1					6.9
E170.1 - Temperature (deg. C)											
Temperature			2			1.1					0.7

Compiled: 20 May 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	05	05
	05-MW-06	05-MW-08
	05-MW-06-01	05-MW-08-01
		05-MW-09-01
A403 - Alkalinity (mg/L)		
Alkalinity	716	296
E120.1 - Specific Conductance (umhos/cm)		
Conductivity	622	492
E150.1 - pH, Electrometric (pH units)		
pH	6.7	7
E170.1 - Temperature (deg. C)		
Temperature	3.1	1.6

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		()	[]	()	[]	()	[]	()	[]	()	[]	()
	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID											
A403 - Alkalinity (mg/L)	05 05-MW-09	05 05-MW-11											
Alkalinity			620		728		880		824				
E120.1 - Specific Conductance (umhos/cm)	05-DS-08 Dup of 05-MW-09-01	05-MW-10-01											
Conductivity			492		504		1283		1224				
E150.1 - pH, Electrometric (pH units)			7		6.7		6.8		6.6				
pH													
E170.1 - Temperature (deg. C)			1.6		2.1		0.4		1.4				
Temperature													

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05	
	05-SW-01-01	05-SW-01-01	05-SW-02	05-SW-02-01	05-SW-03	05-SW-03-01
A403 - Alkalinity (mg/L)						
Alkalinity	()	()	148	()	()	()
E120.1 - Specific Conductance (umhos/cm)					126	126
Conductivity	()	()	223	()	()	()
E150.1 - pH, Electrometric (pH units)						
pH	()	()	7.4	()	()	()
E170.1 - Temperature (deg. C)						
Temperature	()	()	15.2	()	()	()

05
05-SW-03
05-SW-03-01
05-DS-07 Dup of 05-SW-03-01

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID
	06	06		
	06-MW-01	06-MW-02	06-MW-03	06-MW-03
	06-MW-01-01	06-MW-02-01	06-MW-03-01	06-DS-08 Dup of 06-MW-03-01
A403 - Alkalinity (mg/L)	()	()	()	()
Alkalinity	1072	812	608	656
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity	1728	1330	873	873
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH	6.7	6.8	6.5	7.3
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature	5.5	4	4.8	4.8

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	VALUE	UNIT	STATUS	REMARKS
	LOCATION ID	SAMPLE ID					
A403 - Alkalinity (mg/L)	06	06	772				
Alkalinity	06-MW-04	06-MW-06	852	()			
E120.1 - Specific Conductance (umhos/cm)	06-MW-04-01	06-MW-06-01	1296	()			
Conductivity	06-MW-04-01	06-MW-06-01	1645	()			
E150.1 - pH,Electrometric (pH units)	06-MW-04-01	06-MW-06-01	6.7	()			
pH	06-MW-04-01	06-MW-06-01	6.7	()			
E170.1 - Temperature (deg. C)	06-MW-04-01	06-MW-06-01	4.6	()			
Temperature	06-MW-04-01	06-MW-06-01	3.5	()			
	06-MW-04-01	06-MW-06-01	610	()			
	06-MW-04-01	06-MW-06-01	1090	()			
	06-MW-04-01	06-MW-06-01	7.5	()			
	06-MW-04-01	06-MW-06-01	19.7	()			
	06-MW-04-01	06-MW-06-01	610	()			
	06-MW-04-01	06-MW-06-01	1113	()			
	06-MW-04-01	06-MW-06-01	7.6	()			
	06-MW-04-01	06-MW-06-01	20.3	()			

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		625	630	740	908	7.5	2.7
	LOCATION ID	SAMPLE ID						
A403 - Alkalinity (mg/L)	06	07						
Alkalinity	06-SW-02	07-MW-01	()	()	()	()	()	()
E120.1 - Specific Conductance (umhos/cm)	06-SW-02-01	07-MW-01 Dup of 07-MW-01-01	()	()	()	()	()	()
Conductivity			1117	691	908			
E150.1 - pH, Electrometric (pH units)			6.5	6.8	7.5			
pH								
E170.1 - Temperature (deg. C)			16.6	3.3	2.7			
Temperature								

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07	
	07-MW-02	07-DS-10 Dup of 07-MW-02-01	07-MW-03	07-MW-04	07-MW-04	07-SW-01
	SITE ID					
	LOCATION ID					
	SAMPLE ID					
A403 - Alkalinity (mg/L)						
Alkalinity			770	725	800	
E120.1 - Specific Conductance (umhos/cm)						
Conductivity			869	715	2000	
E150.1 - pH, Electrometric (pH units)						
pH			7.4	7	7	
E170.1 - Temperature (deg. C)						
Temperature			2.9	1.7	21.6	

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	07	09	09	09
	07-SW-02	09-MW-01	09-MW-01	09-MW-02
	07-SW-02-01	09-MW-01-01	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01
A403 - Alkalinity (mg/L)	()	()	()	()
Alkalinity	572	566	420	
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity	830	830	1079	
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH	6.4	6.4	7.3	
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature	5.1	5.1	2	

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	09 09-MW-03	09 09-MW-03	09 09-MW-04	09 09-MW-05
	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	09-MW-04-01	09-MW-05-01
A403 - Alkalinity (mg/L)	()	684	()	()
Alkalinity	[]	[]	680	444
E120.1 - Specific Conductance (umhos/cm)	()	454	()	()
Conductivity	[]	[]	859	449
E150.1 - pH, Electrometric (pH units)	()	6.8	()	()
pH	[]	[]	6.7	6.8
E170.1 - Temperature (deg. C)	()	2.3	()	()
Temperature	[]	[]	2.7	1.8

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	09 09-MW-06 09-MW-06-01	09 09-MW-07 09-MW-07-01	09 09-MW-08 09-MW-08-01	09 09-MW-10 09-MW-10-01
A403 - Alkalinity (mg/L)	()	()	()	()
Alkalinity	452	632	972	656
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity	260	457	623	1335
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH	6.8	6.9	6.9	6.7
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature	2	1.7	3	2.5

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L)						
Alkalinity	928	904	660	690		
E120.1 - Specific Conductance (umhos/cm)						
Conductivity	1403	569	441	703		
E150.1 - pH, Electrometric (pH units)						
pH	7.3	6.9	6.6	6.5		
E170.1 - Temperature (deg. C)						
Temperature	1.6	3.2	2.5	4.3		

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	10-MW-02	10-MW-02	10-MW-03	11-MW-01
	10-MW-02-02	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01
A403 - Alkalinity (mg/L)	()	()	()	()
Alkalinity	840	830	590	660
E120.1 - Specific Conductance (umhos/cm)	()	()	()	()
Conductivity	881	881	627	655
E150.1 - pH, Electrometric (pH units)	()	()	()	()
pH	5.9	5.9	7	6.1
E170.1 - Temperature (deg. C)	()	()	()	()
Temperature	4.1	4.1	4.1	3.4

TABLE A1

RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID
	11	12
	11-MW-02	12-MW-02
	11-MW-02-01	12-MW-02-01
A403 - Alkalinity (mg/L)		
Alkalinity	740	504
E120.1 - Specific Conductance (umhos/cm)		
Conductivity	1507	971
E150.1 - pH, Electrometric (pH units)		
pH	6.7	6.7
E170.1 - Temperature (deg. C)		
Temperature	4.7	3.9

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01		01		01	
	01-MW-01	01-MW-02	01-MW-02	01-MW-02	01-MW-03	01-MW-03
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-02-01	01-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	[1]	(2.5)	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	[1]	(0.55)	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	[1]	(0.3)	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	[1]	(0.2)	ND
1,1-Dichloroethane	ND	(0.5)	[1]	[1]	(0.5)	ND
1,1-Dichloroethene	ND	(0.7)	[1]	[1]	(0.7)	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	[1]	(1.6)	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	[1]	(0.25)	ND
1,2-Dichloroethane	ND	(0.15)	[1]	[1]	(0.15)	ND
1,2-Dichloropropane	ND	(0.15)	[1]	[1]	(0.15)	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	[1]	(0.32)	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	[1]	(0.25)	ND
1-Chlorohexane	ND	(3.4)	[1]	[1]	(3.4)	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	[1]	(0.6)	ND
Bromobenzene	ND	(1.6)	[1]	[1]	(1.6)	ND
Bromodichloromethane	ND	(0.1)	[1]	[1]	(0.1)	ND
Bromoform	ND	(0.5)	[1]	[1]	(0.5)	ND
Bromomethane	ND	(0.35)	[1]	[1]	(0.35)	ND
Carbon tetrachloride	ND	(0.35)	[1]	[1]	(0.35)	ND
Chlorobenzene	ND	(0.3)	[1]	[1]	(0.3)	ND
Chloroethane	ND	(0.7)	[1]	[1]	(0.7)	ND
Chloroform	ND	(0.15)	[1]	[1]	(0.15)	ND
Chloromethane	ND	(0.5)	[1]	[1]	(0.5)	ND
Dibromochloromethane	ND	(0.2)	[1]	[1]	(0.2)	ND
Dibromomethane	ND	(1.6)	[1]	[1]	(1.6)	ND
Methylene chloride	ND	(0.4)	[1]	[1]	(0.4)	ND
Tetrachloroethene	ND	(0.1)	[1]	[1]	(0.1)	ND
Trichloroethene	ND	(0.2)	[1]	[1]	(0.2)	ND
Trichlorofluoromethane	ND	(0.55)	[1]	[1]	(0.55)	ND
Vinyl chloride	ND	(0.25)	[1]	[1]	(0.25)	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-MW-01	01-MW-02	01-MW-02 Dup of 01-MW-02-01	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07	01-MW-03-01
cis-1,3-Dichloropropene	ND	[1]	[1]	[1]
trans-1,2-Dichloroethene	ND	(0.2)	(0.2)	(0.2)
trans-1,3-Dichloropropene	ND	(0.25)	(0.25)	(0.25)
SW8015 - Nonhalogenated Volatile Organics (ug/L)	ND	(0.15)	(0.15)	(0.15)
Ethanol	ND	(2000)	(2000)	(2000)
Ethyl ether	ND	(10000)	(10000)	(10000)
Methyl ethyl ketone	ND	(3000)	(3000)	(3000)
Methyl isobutyl ketone	ND	(2000)	(2000)	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)	ND	(2000)	(2000)	(2000)
Diesel Range Organics (2)	390	(210)	(210)	(200)
SW8020 - Aromatic Volatile Organics (ug/L)	ND	[1.06]	[1.05]	[1.02]
1,2-Dichlorobenzene	ND	(0.8)	(0.4)	(0.4)
1,3-Dichlorobenzene	ND	(0.4)	(0.2)	(0.2)
1,4-Dichlorobenzene	ND	(0.8)	(0.4)	(0.4)
Benzene	38	(0.6)	(0.3)	(0.3)
Chlorobenzene	ND	(0.4)	(0.2)	(0.2)
Ethylbenzene	ND	(0.4)	(0.2)	(0.2)
Gasoline Range Organics (2)	ND	(200)	(100)	(100)
Toluene	ND	(0.4)	(0.2)	(0.2)
Total xylenes	ND	(0.6)	(0.3)	(0.3)
SW8080 - Organochlorine Pesticides and PCBs	ND	(0.059)	(0.01)	(0.0098)
4,4'-DDD	ND	[0.990099]	[1.030927]	[0.980392]
4,4'-DDE	ND	[0.990099]	[1.030927]	[0.980392]
4,4'-DDT	ND	(0.02)	(0.02)	(0.02)
Aldrin	ND	(0.0099)	(0.01)	(0.0098)
Chlordane	ND	(0.05)	(0.052)	(0.049)
Dieldrin	0.0047 JB	(0.0099)	(0.01)	(0.0098)
Endosulfan I	ND	(0.0099)	(0.01)	(0.0098)
Endosulfan II	ND	(0.03)	(0.031)	(0.029)
Endosulfan Sulfate	0.011 JB	(0.05)	(0.051)	(0.049)
Endrin	ND	(0.0099)	(0.01)	(0.0098)

Compiled: 23 May 1995 () = Detection Limit [] = Factor = Not Detected MA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	01-MW-01-01	01-MW-02-01	01-MW-02-01	01-MW-02-01
Endrin Aldehyde	0.0036 KJB (0.02) [0.990099]	0.014 JB (0.021) [1.030927]	0.0029 JB (0.02) [1.020408]	0.0034 JB (0.02) [0.980392]
Heptachlor	0.0089 KJB (0.0099) [0.990099]	0.0057 KJB (0.01) [1.030927]	0.0043 KJB (0.01) [1.020408]	0.009 KJB (0.0098) [0.980392]
Heptachlor epoxide	0.0075 KJB (0.0099) [0.990099]	0.0039 KJB (0.01) [1.030927]	ND	ND
Methoxychlor	ND (0.05) [0.990099]	ND (0.052) [1.030927]	ND	ND
PCB-1016	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND	ND
PCB-1221	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND	ND
PCB-1232	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND	ND
PCB-1242	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND	ND
PCB-1248	ND (0.099) [0.990099]	ND (0.1) [1.030927]	ND	ND
PCB-1254	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND	ND
PCB-1260	ND (0.2) [0.990099]	ND (0.21) [1.030927]	ND	ND
Toxaphene	ND (0.5) [0.990099]	ND (0.52) [1.030927]	ND	ND
alpha-BHC	0.025 (0.0099) [0.990099]	ND (0.01) [1.030927]	ND	ND
beta-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	0.0074 JB (0.01) [1.020408]	ND
delta-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	ND	0.017 B (0.0098) [0.980392]
gamma-BHC	ND (0.0099) [0.990099]	ND (0.01) [1.030927]	ND	0.01 B (0.0098) [0.980392]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	ND (1.8) [1]	ND (1.9) [1.041666]	ND	ND (2) [1.086956]
Acenaphthylene	ND (2.3) [1]	ND (2.4) [1.041666]	ND	ND (2.5) [1.086956]
Anthracene	ND (0.66) [1]	ND (0.69) [1.041666]	ND	ND (0.72) [1.086956]
Benzo(a)anthracene	ND (0.013) [1]	ND (0.014) [1.041666]	ND	ND (0.014) [1.086956]
Benzo(a)pyrene	ND (0.023) [1]	ND (0.024) [1.041666]	ND	ND (0.025) [1.086956]
Benzo(b)fluoranthene	ND (0.018) [1]	ND (0.019) [1.041666]	ND	ND (0.02) [1.086956]
Benzo(g,h,i)perylene	ND (0.076) [1]	ND (0.079) [1.041666]	ND	ND (0.083) [1.086956]
Benzo(k)fluoranthene	ND (0.017) [1]	ND (0.018) [1.041666]	ND	ND (0.018) [1.086956]
Chrysene	ND (0.15) [1]	ND (0.16) [1.041666]	ND	ND (0.16) [1.086956]
Dibenzo(a,h)anthracene	ND (0.03) [1]	ND (0.031) [1.041666]	ND	ND (0.033) [1.086956]
Fluoranthene	ND (0.21) [1]	ND (0.22) [1.041666]	ND	ND (0.23) [1.086956]
Fluorene	ND (0.21) [1]	ND (0.22) [1.041666]	ND	ND (0.23) [1.086956]
Indeno(1,2,3-cd)pyrene	ND (0.043) [1]	ND (0.045) [1.041666]	ND	ND (0.047) [1.086956]
Naphthalene	ND (1.8) [1]	ND (1.9) [1.041666]	ND	ND (2) [1.086956]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	CONCENTRATION	UNITS	REMARKS
	LOCATION ID	SAMPLE ID				
Phenanthrene	01	01	ND	(0.64)	[1]	
	01-MW-01	01-MW-02	ND	(0.27)	[1]	
Pyrene	01	01	ND	(0.67) [1.041666]		
	01-MW-03	01-MW-02	ND	(0.28) [1.041666]		
	01-MW-03-01	01-MW-02-01	ND	(0.67) [1.047120]		
	01-MW-03-01	01-MW-02-01	ND	(0.28) [1.047120]		

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	LOCATION ID								
	01	01	01						
	01-MW-03	01-MW-04	01-MW-05						
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01						
	01	01	01						
	01-MW-06	01-MW-06-01	01-MW-06-01						
SW8010 - Halogenated Volatile Organics (ug/L)									
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	0.46	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-MW-03	01-MW-04	01-MW-05	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	[1]	[1]
Ethyl ether	ND	(10000)	[1]	[1]
Methyl ethyl ketone	ND	(3000)	[1]	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	ND	(200)	[1]	[1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND	(0.4)	[1]	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	[1]
Benzene	ND	(0.3)	[1]	[1]
Chlorobenzene	ND	(0.2)	[1]	[1]
Ethylbenzene	ND	(0.2)	[1]	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	[1]
Toluene	ND	(0.2)	[1]	[1]
Total xylenes	ND	(0.3)	[1]	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	ND	(0.01)	[1.020408]	[1]
4,4'-DDE	ND	(0.01)	[1.020408]	[1]
4,4'-DDT	0.0087 KJB	(0.021)	[1.041666]	0.0005 PJB
Aldrin	ND	(0.01)	[1.041666]	[1]
Chlordane	ND	(0.052)	[1.041666]	[1]
Dieldrin	0.0088 J	(0.01)	[1.041666]	0.0068 KJB
Endosulfan I	0.0059 JB	(0.01)	[1.041666]	[1]
Endosulfan II	ND	(0.031)	[1.041666]	[1]
Endosulfan Sulfate	0.0063 KJB	(0.052)	[1.041666]	0.0084 KJB
Endrin	ND	(0.01)	[1.041666]	0.017 JB

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	01-MW-03 01-DS-06 Dup of 01-MW-03-01	01-MW-04 01-MW-04-01	01-MW-05 01-MW-05-01	01-MW-06 01-MW-06-01
Endrin Aldehyde	0.0068 KJB (0.021) [1.041666]	0.0083 KJB (0.02) [1.020408]	0.0063 KJB (0.02) [1.020408]	0.0023 KJB (0.02) [1.020408]
Heptachlor	0.0084 KJB (0.01) [1.041666]	0.0094 JB (0.01) [1.020408]	0.004 KJB (0.01) [1.020408]	ND (0.01) [1.020408]
Heptachlor epoxide	ND (0.01) [1.041666]	0.012 B (0.01) [1.020408]	0.0035 JB (0.01) [1.020408]	0.005 KJB (0.01) [1.020408]
Methoxychlor	ND (0.052) [1.041666]	ND (0.051) [1.020408]	ND (0.05) [1.020408]	ND (0.05) [1.020408]
PCB-1016	ND (0.1) [1.041666]	ND (0.1) [1.020408]	ND (0.1) [1.020408]	ND (0.1) [1.020408]
PCB-1221	ND (0.21) [1.041666]	ND (0.2) [1.020408]	ND (0.2) [1.020408]	ND (0.2) [1.020408]
PCB-1232	ND (0.21) [1.041666]	ND (0.2) [1.020408]	ND (0.2) [1.020408]	ND (0.2) [1.020408]
PCB-1242	ND (0.1) [1.041666]	ND (0.1) [1.020408]	ND (0.1) [1.020408]	ND (0.1) [1.020408]
PCB-1248	ND (0.1) [1.041666]	ND (0.1) [1.020408]	ND (0.1) [1.020408]	ND (0.1) [1.020408]
PCB-1254	ND (0.21) [1.041666]	ND (0.2) [1.020408]	ND (0.2) [1.020408]	ND (0.2) [1.020408]
PCB-1260	ND (0.21) [1.041666]	ND (0.2) [1.020408]	ND (0.2) [1.020408]	ND (0.2) [1.020408]
Toxaphene	ND (0.52) [1.041666]	ND (0.51) [1.020408]	ND (0.5) [1.020408]	ND (0.5) [1.020408]
alpha-BHC	ND (0.01) [1.041666]	0.031 (0.01) [1.020408]	ND (0.01) [1.020408]	0.014 B (0.01) [1.020408]
beta-BHC	ND (0.01) [1.041666]	0.013 (0.01) [1.020408]	0.011 (0.01) [1.020408]	ND (0.01) [1.020408]
delta-BHC	0.018 B (0.01) [1.041666]	ND (0.01) [1.020408]	0.017 B (0.01) [1.020408]	ND (0.01) [1.020408]
gamma-BHC	ND (0.01) [1.041666]	ND (0.01) [1.020408]	0.014 B (0.01) [1.020408]	ND (0.01) [1.020408]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	ND (1.8) [1.041666]	ND (1.9) [1.041666]	ND (1.9) [1.041666]	ND (1.8) [1.041666]
Acenaphthylene	ND (2.3) [1.041666]	ND (2.4) [1.041666]	ND (2.4) [1.041666]	ND (2.3) [1.041666]
Anthracene	ND (0.66) [1.041666]	ND (0.69) [1.041666]	ND (0.69) [1.041666]	ND (0.66) [1.041666]
Benzo(a)anthracene	ND (0.013) [1.041666]	ND (0.014) [1.041666]	ND (0.014) [1.041666]	ND (0.013) [1.041666]
Benzo(a)pyrene	ND (0.023) [1.041666]	ND (0.024) [1.041666]	ND (0.024) [1.041666]	ND (0.023) [1.041666]
Benzo(b)fluoranthene	ND (0.018) [1.041666]	ND (0.019) [1.041666]	ND (0.019) [1.041666]	ND (0.018) [1.041666]
Benzo(g,h,i)perylene	ND (0.076) [1.041666]	ND (0.079) [1.041666]	ND (0.079) [1.041666]	ND (0.076) [1.041666]
Benzo(k)fluoranthene	ND (0.017) [1.041666]	ND (0.018) [1.041666]	ND (0.018) [1.041666]	ND (0.017) [1.041666]
Chrysene	ND (0.15) [1.041666]	ND (0.16) [1.041666]	ND (0.16) [1.041666]	ND (0.15) [1.041666]
Dibenzo(a,h)anthracene	ND (0.03) [1.041666]	ND (0.031) [1.041666]	ND (0.031) [1.041666]	ND (0.03) [1.041666]
Fluoranthene	ND (0.21) [1.041666]	ND (0.22) [1.041666]	ND (0.22) [1.041666]	ND (0.21) [1.041666]
Fluorene	ND (0.21) [1.041666]	ND (0.22) [1.041666]	ND (0.22) [1.041666]	ND (0.21) [1.041666]
Indeno(1,2,3-cd)pyrene	ND (0.043) [1.041666]	ND (0.045) [1.041666]	ND (0.045) [1.041666]	ND (0.043) [1.041666]
Naphthalene	ND (1.8) [1.041666]	ND (1.9) [1.041666]	ND (1.9) [1.041666]	ND (1.8) [1.041666]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	UNIT	CONCENTRATION	REMARKS	CONCENTRATION	REMARKS
	LOCATION ID	SAMPLE ID						
Phenanthrene	01	01	01-DS-06 Dup of 01-MW-03-01	[L]	0.083 J	(0.64)	(0.67) [1.041666]	ND
			01-MW-03	[L]	ND	(0.27)	(0.28) [1.041666]	ND
Pyrene			01-MW-04	[L]	ND	(0.64)	(0.67) [1.041666]	ND
			01-MW-04-01	[L]	ND	(0.27)	(0.28) [1.041666]	ND
			01-MW-05				(0.67) [1.041666]	ND
			01-MW-05-01				(0.28) [1.041666]	ND
			01-MW-06				(0.64)	(0.64)
			01-MW-06-01				(0.27)	(0.27)

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01		02		02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	(2.5)	[1]	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	(0.55)	[1]	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	(0.3)	[1]	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	(0.2)	[1]	ND
1,1-Dichloroethane	ND	(0.5)	[1]	(0.5)	[1]	ND
1,1-Dichloroethene	ND	(0.7)	[1]	(0.7)	[1]	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	(1.6)	[1]	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND
1,2-Dichloroethane	ND	(0.15)	[1]	(0.15)	[1]	ND
1,2-Dichloropropane	ND	(0.15)	[1]	(0.15)	[1]	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	(0.32)	[1]	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND
1-Chlorohexane	ND	(3.4)	[1]	(3.4)	[1]	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	(0.6)	[1]	ND
Bromobenzene	ND	(1.6)	[1]	(1.6)	[1]	ND
Bromodichloromethane	ND	(0.1)	[1]	(0.1)	[1]	ND
Bromoform	ND	(0.5)	[1]	(0.5)	[1]	ND
Bromomethane	ND	(0.35)	[1]	(0.35)	[1]	ND
Carbon tetrachloride	ND	(0.35)	[1]	(0.35)	[1]	ND
Chlorobenzene	ND	(0.3)	[1]	(0.3)	[1]	ND
Chloroethane	ND	(0.7)	[1]	(0.7)	[1]	ND
Chloroform	ND	(0.15)	[1]	(0.15)	[1]	ND
Chloromethane	ND	(0.5)	[1]	(0.5)	[1]	ND
Dibromochloromethane	ND	(0.2)	[1]	(0.2)	[1]	ND
Dibromomethane	ND	(1.6)	[1]	(1.6)	[1]	ND
Methylene chloride	ND	(0.4)	[1]	(0.4)	[1]	ND
Tetrachloroethene	ND	(0.1)	[1]	(0.1)	[1]	ND
Trichloroethene	ND	(0.2)	[1]	(0.2)	[1]	ND
Trichlorofluoromethane	ND	(0.55)	[1]	(0.55)	[1]	ND
Vinyl chloride	ND	(0.25)	[1]	(0.25)	[1]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
cis-1,3-Dichloropropene	ND	(0.2)	[1]	(0.2)
trans-1,2-Dichloroethene	ND	(0.25)	[1]	(0.25)
trans-1,3-Dichloropropene	ND	(0.15)	[1]	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	[1]	(2000)
Ethyl ether	ND	(10000)	[1]	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	1200	(190)	[0.952]	(190)
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND	(0.4)	[1]	(0.4)
1,3-Dichlorobenzene	ND	(0.2)	[1]	(0.2)
1,4-Dichlorobenzene	ND	(0.4)	[1]	(0.4)
Benzene	ND	(0.3)	[1]	(0.3)
Chlorobenzene	ND	(0.2)	[1]	(0.2)
Ethylbenzene	ND	(0.2)	[1]	(0.2)
Gasoline Range Organics (2)	ND	(100)	[1]	(100)
Toluene	ND	(0.2)	[1]	(0.2)
Total xylenes	ND	(0.3)	[1]	(0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDD	0.0019 PJB	(0.0095)	[0.952380]	(0.01)
4,4'-DDE	0.0006 PJB	(0.0095)	[0.952380]	(0.01)
4,4'-DDT	0.0006 PJB	(0.019)	[0.952380]	(0.02)
Aldrin	ND	(0.0095)	[0.952380]	(0.01)
Chlordane	ND	(0.048)	[0.952380]	(0.05)
Dieldrin	0.0068 JB	(0.0095)	[0.952380]	(0.01)
Endosulfan I	ND	(0.0095)	[0.952380]	(0.01)
Endosulfan II	0.015 JB	(0.029)	[0.952380]	(0.03)
Endosulfan Sulfate	0.028 KJB	(0.048)	[0.952380]	(0.05)
Endrin	ND	(0.0095)	[0.952380]	(0.01)

Compiled: 23 May 1995
 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
Endrin Aldehyde	ND	(0.019) [0.952380]	0.0049 KJB	(0.02) [0.995024]
Heptachlor	0.0021 KJB	(0.0095) [0.952380]	0.0034 JB	(0.01) [0.995024]
Heptachlor epoxide	0.056 B	(0.0095) [0.952380]	0.012 PB	(0.01) [0.995024]
Methoxychlor	0.023 KJ	(0.048) [0.952380]	0.0006 KJ	(0.05) [0.995024]
PCB-1016	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1221	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1232	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1242	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1248	ND	(0.095) [0.952380]	ND	(0.1) [0.995024]
PCB-1254	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
PCB-1260	ND	(0.19) [0.952380]	ND	(0.2) [0.995024]
Toxaphene	ND	(0.48) [0.952380]	ND	(0.5) [0.995024]
alpha-BHC	0.012 B	(0.0095) [0.952380]	0.02	(0.01) [0.995024]
beta-BHC	ND	(0.0095) [0.952380]	0.0009 PJB	(0.01) [0.995024]
delta-BHC	0.025	(0.0095) [0.952380]	0.039 P	(0.01) [0.995024]
gamma-BHC	0.013 B	(0.0095) [0.952380]	0.016 B	(0.01) [0.995024]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	NA	NA	ND	(9.9) [0.990099]
1,2-Dichlorobenzene	NA	NA	ND	(9.9) [0.990099]
1,3-Dichlorobenzene	NA	NA	ND	(9.9) [0.990099]
1,4-Dichlorobenzene	NA	NA	ND	(9.9) [0.990099]
2,4,5-TrichlorophenoI	NA	NA	ND	(9.9) [0.990099]
2,4,6-TrichlorophenoI	NA	NA	ND	(9.9) [0.990099]
2,4-DichlorophenoI	NA	NA	ND	(9.9) [0.990099]
2,4-DimethylphenoI	NA	NA	ND	(50) [0.990099]
2,4-Dinitrophenol	NA	NA	ND	(9.9) [0.990099]
2,4-Dinitrotoluene	NA	NA	ND	(9.9) [0.990099]
2,6-Dinitrotoluene	NA	NA	ND	(9.9) [0.990099]
2-Chloronaphthalene	NA	NA	ND	(9.9) [0.990099]
2-ChlorophenoI	NA	NA	ND	(9.9) [0.990099]
2-Methylnaphthalene	NA	NA	ND	(9.9) [0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		01	02	02
	LOCATION ID	LOCATION ID			
	SAMPLE ID	SAMPLE ID			
	01-SW-01	01-SW-02	01-SW-01-01	01-SW-02-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01	
2-Methylphenol(o-cresol)	NA	NA	ND	[1]	(9.9) [0.990099]
2-Nitroaniline	NA	NA	ND	[1]	(50) [0.990099]
2-Nitrophenol	NA	NA	ND	[1]	(9.9) [0.990099]
3,3'-Dichlorobenzidine	NA	NA	ND	[1]	(20) [0.990099]
3-Nitroaniline	NA	NA	ND	[1]	(50) [0.990099]
4,6-Dinitro-2-methylphenol	NA	NA	ND	[1]	(50) [0.990099]
4-Bromophenyl phenyl ether	NA	NA	ND	[1]	(9.9) [0.990099]
4-Chloro-3-methylphenol	NA	NA	ND	[1]	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	NA	NA	ND	[1]	(9.9) [0.990099]
4-Methylphenol(p-cresol)	NA	NA	ND	[1]	(9.9) [0.990099]
4-Nitroaniline	NA	NA	ND	[1]	(50) [0.990099]
4-Nitrophenol	NA	NA	ND	[1]	(50) [0.990099]
Acenaphthene	NA	NA	ND	[1]	(9.9) [0.990099]
Acenaphthylene	NA	NA	ND	[1]	(9.9) [0.990099]
Anthracene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzo(a)anthracene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzo(a)pyrene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzo(b)fluoranthene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzo(g,h,i)perylene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzo(k)fluoranthene	NA	NA	ND	[1]	(9.9) [0.990099]
Benzoic acid	NA	NA	ND	[1]	(50) [0.990099]
Benzyl alcohol	NA	NA	ND	[1]	(9.9) [0.990099]
Butylbenzylphthalate	NA	NA	ND	[1]	(9.9) [0.990099]
Chrysene	NA	NA	ND	[1]	(9.9) [0.990099]
Di-n-octylphthalate	NA	NA	ND	[1]	(9.9) [0.990099]
Dibenz(a,h)anthracene	NA	NA	ND	[1]	(9.9) [0.990099]
Dibenzofuran	NA	NA	ND	[1]	(9.9) [0.990099]
Dibutylphthalate	NA	NA	ND	[1]	(9.9) [0.990099]
Diethylphthalate	NA	NA	ND	[1]	(9.9) [0.990099]
Dimethylphthalate	NA	NA	ND	[1]	(9.9) [0.990099]
Fluoranthene	NA	NA	ND	[1]	(9.9) [0.990099]

Compiled: 23 May 1995 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		02	
	LOCATION ID SAMPLE ID	01-SW-01 01-SW-02-01	LOCATION ID SAMPLE ID	02-GW-01 02-GW-02-01
Fluorene	NA	NA	ND	ND
Hexachlorobenzene	NA	NA	ND	ND
Hexachlorobutadiene	NA	NA	ND	ND
Hexachlorocyclopentadiene	NA	NA	ND	ND
Hexachloroethane	NA	NA	ND	ND
Indeno(1,2,3-cd)pyrene	NA	NA	ND	ND
Isophorone	NA	NA	ND	ND
N-Nitrosodiphenylamine	NA	NA	ND	ND
N-Nitrosodipropylamine	NA	NA	ND	ND
Naphthalene	NA	NA	ND	ND
Nitrobenzene	NA	NA	ND	ND
Pentachloropheno1	NA	NA	ND	ND
Phenanthrene	NA	NA	ND	ND
Phenol	NA	NA	ND	ND
Pyrene	NA	NA	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	ND	ND
bis(2-Chloroethyl) ether	NA	NA	ND	ND
bis(2-Chloroisopropyl) ether	NA	NA	ND	ND
bis(2-Ethylhexyl) phthalate	NA	NA	ND	ND
p-Chloroaniline	NA	NA	ND	ND
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	1.1 J	(1.7) [0.952380]		
Acenaphthylene	ND	(2.2) [0.952380]		
Anthracene	0.67 J	(2.2) [0.952380]		
Benzo(a)anthracene	ND	(0.63) [0.952380]		
Benzo(a)pyrene	ND	(0.012) [0.952380]		
Benzo(b)fluoranthene	ND	(0.022) [0.952380]		
Benzo(g,h,i)perylene	ND	(0.017) [0.952380]		
Benzo(k)fluoranthene	0.0048 JB	(0.072) [0.952380]		
Chrysene	ND	(0.016) [0.952380]		
Dibenzo(a,h)anthracene	ND	(0.14) [0.952380]		
		(0.029) [0.952380]		
		(1.7) [0.952380]		
		(2.2) [0.952380]		
		(0.63) [0.952380]		
		(0.012) [0.952380]		
		(0.022) [0.952380]		
		(0.017) [0.952380]		
		(0.072) [0.952380]		
		(0.016) [0.952380]		
		(0.14) [0.952380]		
		(0.029) [0.952380]		
		(1.7) [0.952380]		
		(2.2) [0.952380]		
		(0.63) [0.952380]		
		(0.012) [0.952380]		
		(0.022) [0.952380]		
		(0.017) [0.952380]		
		(0.072) [0.952380]		
		(0.016) [0.952380]		
		(0.14) [0.952380]		
		(0.029) [0.952380]		
		(1.7) [0.952380]		
		(2.2) [0.952380]		
		(0.63) [0.952380]		
		(0.012) [0.952380]		
		(0.022) [0.952380]		
		(0.017) [0.952380]		
		(0.072) [0.952380]		
		(0.016) [0.952380]		
		(0.14) [0.952380]		
		(0.029) [0.952380]		
		(1.7) [0.952380]		
		(2.2) [0.952380]		
		(0.63) [0.952380]		
		(0.012) [0.952380]		
		(0.022) [0.952380]		
		(0.017) [0.952380]		
		(0.072) [0.952380]		
		(0.016) [0.952380]		
		(0.14) [0.952380]		
		(0.029) [0.952380]		

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
Fluoranthene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Fluorene	ND	(0.2) [0.952380]	ND	(0.2) [0.952380]
Indeno(1,2,3-cd)pyrene	0.016 J	(0.041) [0.952380]	0.026 J	(0.041) [0.952380]
Naphthalene	ND	(1.7) [0.952380]	ND	(1.7) [0.952380]
Phenanthrene	ND	(0.61) [0.952380]	ND	(0.61) [0.952380]
Pyrene	ND	(0.26) [0.952380]	0.22 J	(0.26) [0.952380]

Compiled: 23 May 1995 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	02		02		03			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID		
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID		
SW8010 - Halogenated Volatile Organics (ug/L)								
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	(0.15)	[1]	9.8	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID										
	02		02		03						
	LOCATION ID SAMPLE ID	02-GW-03 02-DS-01 Dup of 02-GW-03-01	02-GW-04 02-GW-04-01	03-GW-01 03-GW-01-01							
cis-1,3-Dichloropropene	ND	[1]	(0.2)	[1]	ND	[1]	ND	(0.2)	[1]		
trans-1,2-Dichloroethene	ND	[1]	(0.25)	[1]	ND	[1]	(0.25)	[1]	ND	(0.25)	
trans-1,3-Dichloropropene	ND	[1]	(0.15)	[1]	ND	[1]	(0.15)	[1]	ND	(0.15)	
SW8015 - Nonhalogenated Volatile Organics (ug/L)											
Ethanol	ND	[1]	(2000)	[1]	ND	[1]	(2000)	[1]	ND	NA	
Ethyl ether	ND	[1]	(10000)	[1]	ND	[1]	(10000)	[1]	ND	NA	
Methyl ethyl ketone	ND	[1]	(3000)	[1]	ND	[1]	(3000)	[1]	ND	NA	
Methyl isobutyl ketone	ND	[1]	(2000)	[1]	ND	[1]	(2000)	[1]	ND	NA	
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)											
Diesel Range Organics (2)	ND	[1.04]	(210)	[1.04]	ND	[1.00]	(200)	[0.980]	ND	(200)	[0.985]
SW8020 - Aromatic Volatile Organics (ug/L)											
1,2-Dichlorobenzene	ND	[1]	(0.4)	[1]	ND	[1]	(0.4)	[1]	ND	(2)	[5]
1,3-Dichlorobenzene	ND	[1]	(0.2)	[1]	ND	[1]	(0.2)	[1]	ND	(1)	[5]
1,4-Dichlorobenzene	ND	[1]	(0.4)	[1]	ND	[1]	(0.4)	[1]	ND	(2)	[5]
Benzene	ND	[1]	(0.3)	[1]	ND	[1]	(0.3)	[1]	ND	(1.5)	[5]
Chlorobenzene	ND	[1]	(0.2)	[1]	ND	[1]	(0.2)	[1]	ND	(1)	[5]
Ethylbenzene	ND	[1]	(0.2)	[1]	ND	[1]	(0.2)	[1]	ND	(1)	[5]
Gasoline Range Organics (2)	ND	[1]	(100)	[1]	110	[1]	(100)	[1]	ND	(500)	[5]
Toluene	ND	[1]	(0.2)	[1]	ND	[1]	(0.2)	[1]	ND	(1)	[5]
Total xylenes	ND	[1]	(0.3)	[1]	ND	[1]	(0.3)	[1]	ND	(1.5)	[5]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)											
4,4'-DDD	ND	[1.098901]	(0.11)	[1.098901]	ND	[0.01]	[1.030927]	[1.052631]	ND	(0.0099)	[0.990099]
4,4'-DDE	ND	[1.098901]	(0.11)	[1.098901]	ND	[0.01]	[1.030927]	[1.052631]	ND	(0.0099)	[0.990099]
4,4'-DDT	ND	[1.098901]	(0.22)	[1.098901]	ND	[0.021]	[1.030927]	[1.052631]	ND	(0.02)	[0.990099]
Aldrin	ND	[1.098901]	(0.11)	[1.098901]	0.011 B	[0.01]	[1.030927]	[1.052631]	0.011 B	(0.0099)	[0.990099]
Chlordane	ND	[1.098901]	(0.55)	[1.098901]	ND	[0.052]	[1.030927]	[1.052631]	ND	(0.05)	[0.990099]
Dieldrin	0.01 KJ	[1.098901]	(0.11)	[1.098901]	0.0097 J	[0.01]	[1.030927]	[1.052631]	0.0096 KJ	(0.0099)	[0.990099]
Endosulfan I	ND	[1.098901]	(0.11)	[1.098901]	ND	[0.01]	[1.030927]	[1.052631]	ND	(0.0099)	[0.990099]
Endosulfan II	ND	[1.098901]	(0.33)	[1.098901]	0.014 KJB	[0.031]	[1.030927]	[1.052631]	ND	(0.03)	[0.990099]
Endosulfan Sulfate	0.0074 KJB	[1.098901]	(0.55)	[1.098901]	0.021 KJB	[0.052]	[1.030927]	[1.052631]	0.002 KJB	(0.05)	[0.990099]
Endrin	ND	[1.098901]	(0.11)	[1.098901]	ND	[0.01]	[1.030927]	[1.052631]	ND	(0.0099)	[0.990099]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				Factor	Detection Limit	ND = Not Detected	MA = Not Applicable
	02		03					
	02-GW-03 02-GW-03-01	02-GW-03 02-DS-01 Dup of 02-GW-03-01	02-GW-04 02-GW-04-01	03-GW-01 03-GW-01-01				
Endrin Aldehyde	0.0041 JB (0.022) [1.098901]	0.0036 JB (0.021) [1.030927]	ND (0.021) [1.052631]	ND (0.02) [0.990099]				
Heptachlor	ND (0.011) [1.098901]	ND (0.01) [1.030927]	ND (0.011) [1.052631]	ND (0.0099) [0.990099]				
Heptachlor epoxide	ND (0.011) [1.098901]	ND (0.01) [1.030927]	ND (0.011) [1.052631]	2 (0.0099) [0.990099]				
Methoxychlor	ND (0.055) [1.098901]	ND (0.052) [1.030927]	ND (0.053) [1.052631]	ND (0.05) [0.990099]				
PCB-1016	ND (0.11) [1.098901]	ND (0.1) [1.030927]	ND (0.11) [1.052631]	ND (0.099) [0.990099]				
PCB-1221	ND (0.22) [1.098901]	ND (0.21) [1.030927]	ND (0.21) [1.052631]	ND (0.2) [0.990099]				
PCB-1232	ND (0.22) [1.098901]	ND (0.21) [1.030927]	ND (0.21) [1.052631]	ND (0.2) [0.990099]				
PCB-1242	ND (0.11) [1.098901]	ND (0.1) [1.030927]	ND (0.11) [1.052631]	ND (0.099) [0.990099]				
PCB-1248	ND (0.11) [1.098901]	ND (0.1) [1.030927]	ND (0.11) [1.052631]	ND (0.099) [0.990099]				
PCB-1254	ND (0.22) [1.098901]	ND (0.21) [1.030927]	ND (0.21) [1.052631]	ND (0.2) [0.990099]				
PCB-1260	ND (0.22) [1.098901]	ND (0.21) [1.030927]	ND (0.21) [1.052631]	ND (0.2) [0.990099]				
Toxaphene	ND (0.55) [1.098901]	ND (0.52) [1.030927]	ND (0.53) [1.052631]	ND (0.5) [0.990099]				
alpha-BHC	ND (0.011) [1.098901]	ND (0.01) [1.030927]	ND (0.011) [1.052631]	ND (0.0099) [0.990099]				
beta-BHC	ND (0.011) [1.098901]	0.0002 KJB (0.01) [1.030927]	ND (0.011) [1.052631]	0.017 P (0.0099) [0.990099]				
delta-BHC	0.016 B (0.011) [1.098901]	ND (0.01) [1.030927]	ND (0.011) [1.052631]	0.061 P (0.0099) [0.990099]				
gamma-BHC	ND (0.011) [1.098901]	ND (0.01) [1.030927]	ND (0.011) [1.052631]	ND (0.0099) [0.990099]				
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
1,2-Dichlorobenzene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
1,3-Dichlorobenzene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
1,4-Dichlorobenzene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2,4,5-Trichloropheno1	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2,4,6-Trichloropheno1	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2,4-Dichloropheno1	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2,4-Dimethylpheno1	ND (54) [1.086956]	ND (52) [1.041666]	ND (50) [1]	ND (49) [0.970873]				
2,4-Dinitrophenol	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2,6-Dinitrotoluene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2-Chloronaphthalene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2-Chloropheno1	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				
2-Methylnaphthalene	ND (11) [1.086956]	ND (10) [1.041666]	ND (10) [1]	ND (9.7) [0.970873]				

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			PARAMETER	SITE ID		
	02		03		02		03
	02-GW-03	02-GW-03	02-GW-03-01		02-GW-04	02-GW-04-01	03-GW-01
02-GW-03-01	02-GW-03	02-GW-03-01	02-GW-04	02-GW-04-01	03-GW-01-01		
02-GW-03-01	02-GW-03	02-GW-03-01	02-GW-04	02-GW-04-01	03-GW-01-01		
2-Methylphenol (o-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
2-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]	
2-Nitrophenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
3,3'-Dichlorobenzidine	ND	(22) [1.086956]	ND	(21) [1.041666]	ND	(19) [0.970873]	
3-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]	
4,6-Dinitro-2-methylphenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]	
4-Bromophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
4-Chloro-3-methylphenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
4-Chlorophenyl phenyl ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
4-Methylphenol (p-cresol)	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
4-Nitroaniline	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]	
4-Nitrophenol	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]	
Acenaphthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Acenaphthylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzo(a)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzo(a)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzo(b)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzo(g,h,i)perylene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzo(k)fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Benzoic acid	1.7 J	(54) [1.086956]	1 J	(52) [1.041666]	ND	(49) [0.970873]	
Benzyl alcohol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Butylbenzylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Chrysene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Di-n-octylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Dibenz(a,h)anthracene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Dibenzofuran	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Dibutylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Diethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Dimethylphthalate	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	
Fluoranthene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]	

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	02		02		03	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	02-GW-03	02-GW-03	02-GW-03	02-GW-04	03-GW-01	
	02-GW-03-01	02-GW-03-01	02-GW-03-01	02-GW-04-01	03-GW-01-01	
		02-DS-01 Dup of 02-GW-03-01				
Fluorene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorobutadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachlorocyclopentadiene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Hexachloroethane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Isophorone	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodiphenylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
N-Nitrosodipropylamine	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Naphthalene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Nitrobenzene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pentachloropheno1	ND	(54) [1.086956]	ND	(52) [1.041666]	ND	(49) [0.970873]
Phenanthrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Phenol	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
Pyrene	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethoxy)methane	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroethyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Chloroisopropyl) ether	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]
bis(2-Ethylhexyl) phthalate	1.9 JB	(11) [1.086956]	37	(10) [1.041666]	ND	(9.7) [0.970873]
p-Chloroaniline	ND	(11) [1.086956]	ND	(10) [1.041666]	ND	(9.7) [0.970873]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	03		03						
	LOCATION ID	03-GW-02	03-GW-03	03-GW-04					
SAMPLE ID	03-GW-02-01	03-GW-03-01	Dup of 03-GW-03-01	03-GW-04-01					
SW8010 - Halogenated Volatile Organics (ug/L)									
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	03		03						
	LOCATION ID	03-GW-02	03-GW-03	03-GW-04					
SAMPLE ID	03-GW-02-01	03-GW-03-01	03-GW-04-01						
		03-DS-01 Dup of 03-GW-03-01							
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	[1]	ND	(0.2)	[1]	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	[1]	ND	(0.25)	[1]	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	[1]	ND	(0.15)	[1]	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)									
Ethano1	ND	(2000)	[1]	ND	[1]	ND	(2000)	[1]	[1]
Ethyl ether	ND	(10000)	[1]	ND	[1]	ND	(10000)	[1]	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	[1]	ND	(3000)	[1]	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	[1]	ND	(2000)	[1]	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)									
Diesel Range Organics (2)	ND	(200)	[1]	ND	[1]	ND	(200)	[1]	[1]
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	[1]	ND	(0.4)	[1]	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	[1]	ND	(0.2)	[1]	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	[1]	ND	(0.4)	[1]	[1]
Benzene	ND	(0.3)	[1]	ND	[1]	ND	(0.3)	[1]	[1]
Chlorobenzene	ND	(0.2)	[1]	0.22 B	[1]	ND	(0.2)	[1]	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	[1]	ND	(0.2)	[1]	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	[1]	ND	(100)	[1]	[1]
Toluene	ND	(0.2)	[1]	ND	[1]	ND	(0.2)	[1]	[1]
Total xylenes	ND	(0.3)	[1]	ND	[1]	ND	(0.3)	[1]	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)									
4,4'-DDD	ND	(0.0099)	[0.990099]	ND	[1.030927]	ND	(0.01)	[1.030927]	[1.030927]
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	[1.030927]	ND	(0.01)	[1.030927]	[1.030927]
4,4'-DDT	ND	(0.02)	[0.990099]	ND	[1.030927]	ND	(0.021)	[1.030927]	[1.030927]
Aldrin	ND	(0.0099)	[0.990099]	ND	[1.030927]	ND	(0.01)	[1.030927]	[1.030927]
Chlordane	ND	(0.05)	[0.990099]	ND	[1.030927]	ND	(0.052)	[1.030927]	[1.030927]
Dieldrin	ND	(0.0099)	[0.990099]	0.011	[1.030927]	0.011	(0.01)	[1.030927]	0.0099 KJ
Endosulfan I	ND	(0.0099)	[0.990099]	ND	[1.030927]	ND	(0.01)	[1.030927]	[1.030927]
Endosulfan II	ND	(0.03)	[0.990099]	ND	[1.030927]	0.012 KJB	(0.031)	[1.030927]	[1.030927]
Endosulfan Sulfate	0.029 KJB	(0.05)	[0.990099]	0.003 KJB	[1.030927]	0.0085 KJB	(0.052)	[1.030927]	[1.030927]
Endrin	ND	(0.0099)	[0.990099]	ND	[1.030927]	ND	(0.01)	[1.030927]	[1.030927]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	03		03				
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID			
	03-GW-02	03-GW-03	03-GW-03	03-GW-04			
	03-GW-02-01	03-GW-03-01	03-DS-01 Dup of 03-GW-03-01	03-GW-04-01			
Endrin Aldehyde	0.0056 KJB	(0.02) [0.990099]	(0.021) [1.030927]	0.01 KJB	(0.021) [1.030927]	ND	(0.022) [1.086956]
Heptachlor	ND	(0.0099) [0.990099]	(0.01) [1.030927]	ND	(0.01) [1.030927]	ND	(0.011) [1.086956]
Heptachlor epoxide	ND	(0.0099) [0.990099]	(0.01) [1.030927]	0.015 B	(0.01) [1.030927]	ND	(0.011) [1.086956]
Methoxychlor	ND	(0.05) [0.990099]	(0.052) [1.030927]	ND	(0.052) [1.030927]	ND	(0.054) [1.086956]
PCB-1016	ND	(0.099) [0.990099]	(0.1) [1.030927]	ND	(0.1) [1.030927]	ND	(0.11) [1.086956]
PCB-1221	ND	(0.2) [0.990099]	(0.21) [1.030927]	ND	(0.21) [1.030927]	ND	(0.22) [1.086956]
PCB-1232	ND	(0.2) [0.990099]	(0.21) [1.030927]	ND	(0.21) [1.030927]	ND	(0.22) [1.086956]
PCB-1242	ND	(0.099) [0.990099]	(0.1) [1.030927]	ND	(0.1) [1.030927]	ND	(0.11) [1.086956]
PCB-1248	ND	(0.099) [0.990099]	(0.1) [1.030927]	ND	(0.1) [1.030927]	ND	(0.11) [1.086956]
PCB-1254	ND	(0.2) [0.990099]	(0.21) [1.030927]	ND	(0.21) [1.030927]	ND	(0.22) [1.086956]
PCB-1260	ND	(0.2) [0.990099]	(0.21) [1.030927]	ND	(0.21) [1.030927]	ND	(0.22) [1.086956]
Toxaphene	ND	(0.5) [0.990099]	(0.52) [1.030927]	ND	(0.52) [1.030927]	ND	(0.54) [1.086956]
alpha-BHC	ND	(0.0099) [0.990099]	(0.01) [1.030927]	ND	(0.01) [1.030927]	ND	(0.011) [1.086956]
beta-BHC	ND	(0.0099) [0.990099]	(0.01) [1.030927]	0.0028 KJB	(0.01) [1.030927]	ND	(0.011) [1.086956]
delta-BHC	0.019 PB	(0.0099) [0.990099]	(0.01) [1.030927]	ND	(0.01) [1.030927]	ND	(0.011) [1.086956]
gamma-BHC	0.01 B	(0.0099) [0.990099]	(0.01) [1.030927]	0.0092 KJB	(0.01) [1.030927]	ND	(0.011) [1.086956]
SW8270 - Semivolatile Organics (ug/L)							
1,2,4-Trichlorobenzene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
1,2-Dichlorobenzene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
1,3-Dichlorobenzene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
1,4-Dichlorobenzene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,4,5-Trichloropheno1	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,4,6-Trichloropheno1	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,4-Dichloropheno1	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,4-Dimethylpheno1	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,4-Dinitrophenol	ND	(50) [1]	(50) [1]	ND	(54) [1.075268]	ND	(53) [1.052631]
2,4-Dinitrotoluene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2,6-Dinitrotoluene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2-Chloronaphthalene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2-Chloropheno1	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]
2-Methylnaphthalene	ND	(10) [1]	(10) [1]	ND	(11) [1.075268]	ND	(11) [1.052631]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor () = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	03		03	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	03-GW-02	03-GW-03	03-GW-03	03-GW-04
	03-GW-02-01	03-GW-03-01	03-GW-03-01 Dup of 03-GW-03-01	03-GW-04-01
2-Methylphenol (o-cresol)	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
2-Nitroaniline	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
2-Nitrophenol	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
3,3'-Dichlorobenzidine	ND (20)	[1] (20)	[1] (20)	ND (21) [1.052631]
3-Nitroaniline	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
4,6-Dinitro-2-methylphenol	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
4-Bromophenyl phenyl ether	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
4-Chloro-3-methylphenol	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
4-Chlorophenyl phenyl ether	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
4-Methylphenol (p-cresol)	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
4-Nitroaniline	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
4-Nitrophenol	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
Acenaphthene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Acenaphthylene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Anthracene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzo(a)anthracene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzo(a)pyrene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzo(b)fluoranthene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzo(g,h,i)perylene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzo(k)fluoranthene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Benzoic acid	ND (50)	[1] (50)	[1] (50)	ND (53) [1.052631]
Benzyl alcohol	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Butylbenzylphthalate	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Chrysene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Di-n-octylphthalate	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Dibenz(a,h)anthracene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Dibenzofuran	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Dibutylphthalate	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Diethylphthalate	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Dimethylphthalate	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]
Fluoranthene	ND (10)	[1] (10)	[1] (10)	ND (11) [1.052631]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	03	03	03	03
	03-GW-02 03-GW-02-01	03-GW-03 03-GW-03-01	03-DS-01 Dup of 03-GW-03-01	03-GW-04 03-GW-04-01
Fluorene	ND	[1]	ND	(11) [1.075268]
Hexachlorobenzene	ND	[1]	ND	(11) [1.075268]
Hexachlorobutadiene	ND	[1]	ND	(11) [1.075268]
Hexachlorocyclopentadiene	ND	[1]	ND	(11) [1.075268]
Hexachloroethane	ND	[1]	ND	(11) [1.075268]
Indeno(1,2,3-cd)pyrene	ND	[1]	ND	(11) [1.075268]
Isophorone	ND	[1]	ND	(11) [1.075268]
N-Nitrosodiphenylamine	ND	[1]	ND	(11) [1.075268]
N-Nitrosodipropylamine	ND	[1]	ND	(11) [1.075268]
Naphthalene	ND	[1]	ND	(11) [1.075268]
Nitrobenzene	ND	[1]	ND	(11) [1.075268]
Pentachlorophenol	ND	[1]	ND	(11) [1.075268]
Phenanthrene	ND	[1]	ND	(54) [1.075268]
Phenol	ND	[1]	ND	(11) [1.075268]
Pyrene	ND	[1]	ND	(11) [1.075268]
bis(2-Chloroethoxy)methane	ND	[1]	ND	(11) [1.075268]
bis(2-Chloroethyl)ether	ND	[1]	ND	(11) [1.075268]
bis(2-Chloroisopropyl)ether	ND	[1]	ND	(11) [1.075268]
bis(2-Ethylhexyl)phthalate	ND	[1]	41	(11) [1.075268]
p-Chloroaniline	ND	[1]	ND	(11) [1.075268]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	04		04		
	LOCATION ID	04-MW-02	LOCATION ID	04-MW-03	
SAMPLE ID	04-MW-02-01	04-MW-03-01	SAMPLE ID	04-DS-06 Dup of 04-MW-03-01	
SW8010 - Halogenated Volatile Organics (ug/L)					
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)
1,2-Dichloropropane	ND	(0.25)	[1]	ND	(0.25)
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)
Bromoform	ND	(0.5)	[1]	ND	(0.5)
Bromomethane	ND	(0.35)	[1]	ND	(0.35)
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)
Chloroethane	ND	(0.7)	[1]	ND	(0.7)
Chloroform	ND	(0.15)	[1]	ND	(0.15)
Chloromethane	ND	(0.5)	[1]	ND	(0.5)
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	04		04				
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID			
	04-MW-02	04-MW-03	04-MW-03	04-MW-03			
	04-MW-02-01	04-MW-03-01	04-MW-03 Dup of 04-MW-03-01	04-MW-03-01			
			04-DS-06 Dup of 04-MW-03-01	04-SW-01			
				04-SW-01-01			
cis-1,3-Dichloropropene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)	ND	(2000)	[1]	[1]	ND	(2000)	[1]
Ethanol	ND	(10000)	[1]	[1]	ND	(10000)	[1]
Ethyl ether	ND	(3000)	[1]	[1]	ND	(3000)	[1]
Methyl ethyl ketone	ND	(2000)	[1]	[1]	ND	(2000)	[1]
Methyl isobutyl ketone	ND	(190)	[0.952]	[1.02]	ND	(200)	[1.02]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]
Diesel Range Organics (2)	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]
1,2-Dichlorobenzene	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.4)	[1]	[1]	ND	(0.4)	[1]
1,4-Dichlorobenzene	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]
Benzene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]
Chlorobenzene	ND	(0.2)	[1]	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(100)	[1]	[1]	ND	(100)	[1]
Gasoline Range Organics (2)	120	(0.2)	[1]	[1]	ND	(0.2)	[1]
Toluene	ND	(0.3)	[1]	[1]	ND	(0.3)	[1]
Total xylenes	ND	(0.11)	[1.098901]	[1.041666]	ND	(0.1)	[1.041666]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND	(0.11)	[1.098901]	[1.041666]	ND	(0.1)	[1.041666]
4,4'-DDD	ND	(0.11)	[1.098901]	[1.041666]	ND	(0.11)	[1.041666]
4,4'-DDE	ND	(0.22)	[1.098901]	[1.041666]	ND	(0.021)	[1.041666]
4,4'-DDT	ND	(0.11)	[1.098901]	[1.041666]	ND	(0.01)	[1.041666]
Aldrin	ND	(0.055)	[1.098901]	[1.041666]	ND	(0.052)	[1.041666]
Chlordane	ND	(0.011)	[1.098901]	[1.041666]	ND	(0.01)	[1.041666]
Dieldrin	0.0073 KJB	(0.011)	[1.098901]	[1.041666]	0.0094 J	(0.01)	[1.041666]
Endosulfan I	ND	(0.011)	[1.098901]	[1.041666]	0.0078 KJB	(0.01)	[1.041666]
Endosulfan II	0.0097 KJB	(0.033)	[1.098901]	[1.041666]	0.0092 KJB	(0.031)	[1.041666]
Endosulfan Sulfate	0.012 JB	(0.055)	[1.098901]	[1.041666]	0.031 JB	(0.052)	[1.041666]
Endrin	ND	(0.011)	[1.098901]	[1.041666]	0.025 B	(0.01)	[1.041666]

Compiled: 23 May 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	04 04-MW-02 04-MW-02-01	04 04-MW-03 04-MW-03-01	04 04-DS-06 Dup of 04-MW-03-01	04 04-SW-01 04-SW-01-01
Endrin Aldehyde	0.0033 KJB (0.022) [1.098901]	0.0035 KJB (0.021) [1.041666]	NA	0.0064 KJB (0.02) [1]
Heptachlor	0.0064 KJB (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0028 KJB (0.01) [1]
Heptachlor epoxide	ND (0.011) [1.098901]	ND (0.01) [1.041666]	NA	0.0033 JB (0.01) [1]
Methoxychlor	ND (0.055) [1.098901]	0.018 KJ (0.052) [1.041666]	NA	ND (0.05) [1]
PCB-1016	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1221	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1232	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1242	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1248	ND (0.11) [1.098901]	ND (0.1) [1.041666]	NA	ND (0.1) [1]
PCB-1254	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
PCB-1260	ND (0.22) [1.098901]	ND (0.21) [1.041666]	NA	ND (0.2) [1]
Toxaphene	ND (0.55) [1.098901]	ND (0.52) [1.041666]	NA	ND (0.5) [1]
alpha-BHC	0.0073 JB (0.011) [1.098901]	0.014 B (0.01) [1.041666]	NA	0.015 B (0.01) [1]
beta-BHC	ND (0.011) [1.098901]	0.023 (0.01) [1.041666]	NA	ND (0.01) [1]
delta-BHC	ND (0.011) [1.098901]	0.019 B (0.01) [1.041666]	NA	ND (0.01) [1]
gamma-BHC	ND (0.011) [1.098901]	0.0086 KJB (0.01) [1.041666]	NA	0.004 PJB (0.01) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,2-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,3-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
1,4-Dichlorobenzene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4,5-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4,6-Trichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dichlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dimethylphenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,4-Dinitrophenol	ND (52) [1.030927]	ND (52) [1.036269]	NA	(47) [0.943396]
2,4-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2,6-Dinitrotoluene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Chloronaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Chlorophenol	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]
2-Methylnaphthalene	ND (10) [1.030927]	ND (10) [1.036269]	NA	ND (9.4) [0.943396]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	04		04		04	
	04-MW-02		04-MW-03		04-MW-03	
	04-MW-02-01	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-DS-06 Dup of 04-MW-03-01	04-SW-01 04-SW-01-01
	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	ND
2-Methylphenol(o-cresol)	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
2-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]
2-Nitrophenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
3,3'-Dichlorobenzidine	ND	(21) [1.030927]	ND	(21) [1.036269]	NA	(19) [0.943396]
3-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]
4,6-Dinitro-2-methylphenol	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]
4-Bromophenyl phenyl ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
4-Chloro-3-methylphenol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
4-Chlorophenyl phenyl ether	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
4-Methylphenol(p-cresol)	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
4-Nitroaniline	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]
4-Nitrophenol	ND	(52) [1.030927]	ND	(52) [1.036269]	NA	(47) [0.943396]
Acenaphthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Acenaphthylene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzo(a)anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzo(a)pyrene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzo(b)fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzo(g,h,i)perylene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzo(k)fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Benzoic acid	ND	(52) [1.030927]	5.6 J	(52) [1.036269]	NA	(47) [0.943396]
Benzyl alcohol	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Butylbenzylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Chrysene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Di-n-octylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Dibenz(a,h)anthracene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Dibenzofuran	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Dibutylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Diethylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Dimethylphthalate	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]
Fluoranthene	ND	(10) [1.030927]	ND	(10) [1.036269]	NA	(9.4) [0.943396]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	04		04		
	LOCATION ID	04	LOCATION ID	04	
SAMPLE ID	04-MW-02	04-MW-03	04-DS-06 Dup of 04-MW-03-01	04-SW-01	
	04-MW-02-01	04-MW-03-01		04-SW-01-01	
Fluorene	ND	(10) [1.030927]	(10) [1.036269]	ND	(9.4) [0.943396]
Hexachlorobenzene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Hexachlorobutadiene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Hexachlorocyclopentadiene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Hexachloroethane	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Isophorone	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
N-Nitrosodiphenylamine	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
N-Nitrosodipropylamine	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Naphthalene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Nitrobenzene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Pentachloropheno1	ND	(52) [1.030927]	(52) [1.036269]	NA	(47) [0.943396]
Phenanthrene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Phenol	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
Pyrene	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
bis(2-Chloroethoxy)methane	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
bis(2-Chloroethyl) ether	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
bis(2-Chloroisopropyl) ether	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
bis(2-Ethylhexyl) phthalate	6.5 JB	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
p-Chloroaniline	ND	(10) [1.030927]	(10) [1.036269]	NA	(9.4) [0.943396]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)					
Acenaphthene	ND	(1.9) [1.052631]	(1.8) [1.025641]	ND	(1.9) [1.052631]
Acenaphthylene	ND	(2.4) [1.052631]	(2.4) [1.025641]	ND	(2.4) [1.052631]
Anthracene	ND	(0.69) [1.052631]	(0.68) [1.025641]	ND	(0.69) [1.052631]
Benzo(a)anthracene	ND	(0.014) [1.052631]	(0.013) [1.025641]	ND	(0.014) [1.052631]
Benzo(a)pyrene	ND	(0.024) [1.052631]	(0.024) [1.025641]	ND	(0.024) [1.052631]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]	(0.018) [1.025641]	ND	(0.019) [1.052631]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]	(0.078) [1.025641]	ND	(0.08) [1.052631]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]	(0.017) [1.025641]	ND	(0.018) [1.052631]
Chrysene	ND	(0.16) [1.052631]	(0.15) [1.025641]	ND	(0.16) [1.052631]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]	(0.031) [1.025641]	ND	(0.032) [1.052631]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	04		04		04	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
	04-MW-02	04-MW-03	04-MW-03	04-MW-03	04-MW-03	04-SW-01
	04-MW-02-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-MW-03-01	04-SW-01-01
				04-DS-06 Dup of 04-MW-03-01		
Fluoranthene	ND	(0.22) [1.052631]	ND	(0.22) [1.025641]	ND	(0.22) [1.052631]
Fluorene	ND	(0.22) [1.052631]	ND	(0.22) [1.025641]	ND	(0.22) [1.052631]
Indeno(1,2,3-cd)pyrene	ND	(0.045) [1.052631]	ND	(0.044) [1.025641]	ND	(0.045) [1.052631]
Naphthalene	ND	(1.9) [1.052631]	ND	(1.8) [1.025641]	ND	(1.9) [1.052631]
Phenanthrene	ND	(0.67) [1.052631]	ND	(0.66) [1.025641]	ND	(0.67) [1.052631]
Pyrene	ND	(0.28) [1.052631]	ND	(0.28) [1.025641]	ND	(0.28) [1.052631]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	04		04	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (2.5) [1]	ND (2.5) [1]	ND (2.5) [1]	ND (2.5) [1]
1,1,1-Trichloroethane	ND (0.55) [1]	ND (0.55) [1]	ND (0.55) [1]	ND (0.55) [1]
1,1,2,2-Tetrachloroethane	ND (0.3) [1]	ND (0.3) [1]	ND (0.3) [1]	ND (0.3) [1]
1,1,2-Trichloroethane	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]
1,1-Dichloroethane	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]
1,1-Dichloroethene	ND (0.7) [1]	ND (0.7) [1]	ND (0.7) [1]	ND (0.7) [1]
1,2,3-Trichloropropane	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]
1,2-Dichlorobenzene	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]
1,2-Dichloroethane	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]
1,2-Dichloropropane	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]
1,3-Dichlorobenzene	ND (0.32) [1]	ND (0.32) [1]	ND (0.32) [1]	ND (0.32) [1]
1,4-Dichlorobenzene	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]
1-Chlorohexane	ND (3.4) [1]	ND (3.4) [1]	ND (3.4) [1]	ND (3.4) [1]
2-Chloroethylvinylether	ND (0.6) [1]	ND (0.6) [1]	ND (0.6) [1]	ND (0.6) [1]
Bromobenzene	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]
Bromodichloromethane	ND (0.1) [1]	ND (0.1) [1]	ND (0.1) [1]	ND (0.1) [1]
Bromoform	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]
Bromomethane	ND (0.35) [1]	ND (0.35) [1]	ND (0.35) [1]	ND (0.35) [1]
Carbon tetrachloride	ND (0.35) [1]	ND (0.35) [1]	ND (0.35) [1]	ND (0.35) [1]
Chlorobenzene	ND (0.3) [1]	ND (0.3) [1]	ND (0.3) [1]	ND (0.3) [1]
Chloroethane	ND (0.7) [1]	ND (0.7) [1]	ND (0.7) [1]	ND (0.7) [1]
Chloroform	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]	ND (0.15) [1]
Chloromethane	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]	ND (0.5) [1]
Dibromochloromethane	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]
Dibromomethane	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]	ND (1.6) [1]
Methylene chloride	ND (0.4) [1]	ND (0.4) [1]	ND (0.4) [1]	ND (0.4) [1]
Tetrachloroethene	ND (0.1) [1]	ND (0.1) [1]	ND (0.1) [1]	ND (0.1) [1]
Trichloroethene	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]	ND (0.2) [1]
Trichlorofluoromethane	ND (0.55) [1]	ND (0.55) [1]	ND (0.55) [1]	ND (0.55) [1]
Vinyl chloride	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]	ND (0.25) [1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	04		04						
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
	04-SW-01	04-SW-02	04-SW-03	04-SW-04					
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01					
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)									
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)									
Diesel Range Organics (2)	ND	(210)	[1.05]	ND	(190)	[0.966]	ND	(190)	[0.952]
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]
Toluene	0.25 B	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)									
4,4'-DDD	ND	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]
4,4'-DDE	0.011 B	(0.01)	[0.995024]	0.0082 KJB	(0.0095)	[0.952380]	0.011 B	(0.0095)	[0.952380]
4,4'-DDT	0.0027 PJB	(0.02)	[0.995024]	0.0085 KJB	(0.019)	[0.952380]	0.0018 PJB	(0.019)	[0.952380]
Aldrin	ND	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]
Chlordane	ND	(0.05)	[0.995024]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]
Dieldrin	0.0073 JB	(0.01)	[0.995024]	0.0073 JB	(0.0095)	[0.952380]	0.007 JB	(0.0095)	[0.952380]
Endosulfan I	ND	(0.01)	[0.995024]	0.0014 KJB	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]
Endosulfan II	0.024 JB	(0.03)	[0.995024]	0.014 JB	(0.029)	[0.952380]	0.025 JB	(0.029)	[0.952380]
Endosulfan Sulfate	ND	(0.05)	[0.995024]	0.021 KJB	(0.048)	[0.952380]	ND	(0.048)	[0.952380]
Endrin	ND	(0.01)	[0.995024]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	04			
	04-DS-03 Dup of 04-SW-01-01	04-SW-02	04-SW-03	04-SW-04
Endrin Aldehyde	ND	0.0076 KJB (0.019) [0.952380]	ND	0.0083 KJB (0.021) [1.052631]
Heptachlor	0.0024 KJB (0.01) [0.995024]	0.0028 KJB (0.0095) [0.952380]	0.0014 PJB (0.0095) [0.952380]	0.0069 KJB (0.011) [1.052631]
Heptachlor epoxide	0.0054 JB (0.01) [0.995024]	0.01 PB (0.0095) [0.952380]	0.0048 JB (0.0095) [0.952380]	0.0093 PJB (0.011) [1.052631]
Methoxychlor	ND	ND	ND	ND
PCB-1016	ND	ND	ND	ND
PCB-1221	ND	ND	ND	ND
PCB-1232	ND	ND	ND	ND
PCB-1242	ND	ND	ND	ND
PCB-1248	ND	ND	ND	ND
PCB-1254	ND	ND	ND	ND
PCB-1260	ND	ND	ND	ND
Toxaphene	ND	ND	ND	ND
alpha-BHC	0.015 B (0.01) [0.995024]	ND	0.012 B (0.0095) [0.952380]	ND
beta-BHC	0.0033 KJB (0.01) [0.995024]	ND	ND	ND
delta-BHC	ND	ND	ND	0.023 (0.011) [1.052631]
gamma-BHC	0.0056 KJB (0.01) [0.995024]	0.014 B (0.0095) [0.952380]	0.0044 KJB (0.0095) [0.952380]	ND
SW8270 - Semi-volatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	ND	ND	ND
1,2-Dichlorobenzene	ND	ND	ND	ND
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	ND	ND	ND	ND
2,4,5-Trichlorophenol	ND	ND	ND	ND
2,4,6-Trichlorophenol	ND	ND	ND	ND
2,4-Dichlorophenol	ND	ND	ND	ND
2,4-Dimethylphenol	ND	ND	ND	ND
2,4-Dinitrophenol	ND	ND	ND	ND
2,6-Dinitrotoluene	ND	ND	ND	ND
2-Chloronaphthalene	ND	ND	ND	ND
2-Chlorophenol	ND	ND	ND	ND
2-Methylnaphthalene	ND	ND	ND	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	04		04		04	
	04-DS-03 Dup of 04-SW-01-01		04-SW-02		04-SW-03	
	04	04	04	04	04	04
	04-DS-03	04-SW-01	04-SW-02	04-SW-03	04-SW-04	04-SW-04-01
	PARAMETER	LOCATION ID	SITE ID	LOCATION ID	SITE ID	LOCATION ID
		SAMPLE ID		SAMPLE ID		SAMPLE ID
2-Methylphenol(o-cresol)	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
2-Nitroaniline	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
2-Nitrophenol	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
3,3'-Dichlorobenzidine	ND	(19) [0.943396]	(21) [1.030927]	(19) [0.943396]	(19) [0.943396]	(19) [0.943396]
3-Nitroaniline	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4,6-Dinitro-2-methylphenol	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4-Bromophenyl phenyl ether	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Chloro-3-methylphenol	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Chlorophenyl phenyl ether	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Methylphenol(p-cresol)	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
4-Nitroaniline	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
4-Nitrophenol	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
Acenaphthene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Acenaphthylene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Anthracene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(a)anthracene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(a)pyrene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(b)fluoranthene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(g,h,i)perylene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzo(k)fluoranthene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Benzoic acid	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	(47) [0.943396]	(47) [0.943396]
Benzyl alcohol	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Butylbenzylphthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Chrysene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Di-n-octylphthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibenz(a,h)anthracene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibenzofuran	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dibutylphthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Diethylphthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Dimethylphthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]
Fluoranthene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	(9.4) [0.943396]	(9.4) [0.943396]

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	LOCATION ID				
	04	04	04	04	
	04-SW-01	04-SW-02	04-SW-03	04-SW-04	
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01	
Fluorene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Hexachlorobenzene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Hexachlorobutadiene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Hexachlorocyclopentadiene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Hexachloroethane	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Indeno(1,2,3-cd)pyrene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Isophorone	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
N-Nitrosodiphenylamine	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
N-Nitrosodipropylamine	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Naphthalene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Nitrobenzene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Pentachloropheno1	ND	(47) [0.943396]	(52) [1.030927]	(47) [0.943396]	ND
Phenanthrene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Phenol	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
Pyrene	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
bis(2-Chloroethoxy)methane	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
bis(2-Chloroethyl)ether	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
bis(2-Chloroisopropyl)ether	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
bis(2-Ethylhexyl)phthalate	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	0.58 JB
p-Chloroaniline	ND	(9.4) [0.943396]	(10) [1.030927]	(9.4) [0.943396]	ND
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)					
Acenaphthene	ND	(1.8) [0.975609]	(1.8) [0.985221]	(1.7) [0.961538]	ND
Acenaphthylene	ND	(2.2) [0.975609]	(2.3) [0.985221]	(2.2) [0.961538]	ND
Anthracene	ND	(0.64) [0.975609]	(0.65) [0.985221]	(0.63) [0.961538]	ND
Benzo(a)anthracene	0.0085 J	(0.013) [0.975609]	(0.013) [0.985221]	(0.012) [0.961538]	ND
Benzo(a)pyrene	0.011 J	(0.022) [0.975609]	(0.023) [0.985221]	(0.022) [0.961538]	ND
Benzo(b)fluoranthene	ND	(0.018) [0.975609]	(0.018) [0.985221]	(0.017) [0.961538]	ND
Benzo(g,h,i)perylene	ND	(0.074) [0.975609]	(0.075) [0.985221]	(0.073) [0.961538]	ND
Benzo(k)fluoranthene	0.0087 J	(0.017) [0.975609]	(0.017) [0.985221]	(0.016) [0.961538]	0.0046 JB
Chrysene	ND	(0.15) [0.975609]	(0.15) [0.985221]	(0.14) [0.961538]	ND
Dibenzo(a,h)anthracene	0.0094 JB	(0.029) [0.975609]	(0.03) [0.985221]	(0.029) [0.961538]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	04		04	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	04-SW-01	04-SW-02	04-SW-03	04-SW-04
	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01	04-SW-04-01
Fluoranthene	ND	0.12 J	ND	ND
Fluorene	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	ND	ND	ND	ND
Naphthalene	ND	ND	ND	ND
Phenanthrene	ND	0.17 J	ND	ND
Pyrene	ND	ND	ND	ND
	(0.2) [0.975609]	(0.21) [0.985221]	(0.2) [0.961538]	(0.2) [0.952380]
	(0.2) [0.975609]	(0.21) [0.985221]	(0.2) [0.961538]	(0.2) [0.952380]
	(0.042) [0.975609]	(0.042) [0.985221]	(0.041) [0.961538]	(0.041) [0.952380]
	(1.8) [0.975609]	(1.8) [0.985221]	(1.7) [0.961538]	(1.7) [0.952380]
	(0.62) [0.975609]	(0.63) [0.985221]	(0.62) [0.961538]	(0.61) [0.952380]
	(0.26) [0.975609]	(0.27) [0.985221]	(0.26) [0.961538]	(0.26) [0.952380]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID SAMPLE ID	05-MW-02 05-MW-02-01	LOCATION ID SAMPLE ID	05-MW-03 05-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (2.5)	ND (2.5)	ND (2.5)	ND (2.5)
1,1,1-Trichloroethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
1,1,2,2-Tetrachloroethane	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
1,1,2-Trichloroethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
1,1-Dichloroethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
1,2,3-Trichloropropane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
1,2-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1,2-Dichloroethane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,2-Dichloropropane	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
1,3-Dichlorobenzene	ND (0.32)	ND (0.32)	ND (0.32)	ND (0.32)
1,4-Dichlorobenzene	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)
1-Chlorohexane	ND (3.4)	ND (3.4)	ND (3.4)	ND (3.4)
2-Chloroethylvinylether	ND (0.6)	ND (0.6)	ND (0.6)	ND (0.6)
Bromobenzene	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Bromodichloromethane	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Bromoform	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Carbon tetrachloride	ND (0.35)	ND (0.35)	ND (0.35)	ND (0.35)
Chlorobenzene	ND (0.3)	ND (0.3)	ND (0.3)	ND (0.3)
Chloroethane	ND (0.7)	ND (0.7)	ND (0.7)	ND (0.7)
Chloroform	ND (0.15)	ND (0.15)	ND (0.15)	ND (0.15)
Chloromethane	ND (0.5)	ND (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Dibromomethane	ND (1.6)	ND (1.6)	ND (1.6)	ND (1.6)
Methylene chloride	ND (0.4)	ND (0.4)	ND (0.4)	ND (0.4)
Tetrachloroethene	ND (0.1)	ND (0.1)	ND (0.1)	ND (0.1)
Trichloroethene	ND (0.2)	ND (0.2)	ND (0.2)	ND (0.2)
Trichlorofluoromethane	ND (0.55)	ND (0.55)	ND (0.55)	ND (0.55)
Vinyl chloride	ND (0.25)	ND (0.25)	ND (0.25)	ND (0.25)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				CONCENTRATION (ug/L)	UNITS	DETECTION LIMIT	STATUS	LABORATORY	ANALYST
	05		05							
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID						
	05-MW-01	05-MW-02	05-MW-03	05-MW-04						
	05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01						
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	ND
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND
SW8015 - Nonhalogenated Volatile Organics (ug/L)	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Ethanol	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND
Ethyl ether	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND
Methyl ethyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)	ND	(200)	[0.990]	ND	(200)	[0.980]	ND	(1900)	[9.71]	9500
Diesel Range Organics (2)	870									
SW8020 - Aromatic Volatile Organics (ug/L)	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(800)	[2000]	ND
1,2-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(400)	[2000]	ND
1,3-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(800)	[2000]	ND
1,4-Dichlorobenzene	24	(0.3)	[1]	10	(0.3)	[1]	36000	(600)	[2000]	45000
Benzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(400)	[2000]	ND
Chlorobenzene	0.32	(0.2)	[1]	0.9	(0.2)	[1]	1400	(400)	[2000]	1300
Ethylbenzene	560	(100)	[1]	110	(100)	[1]	270000	(200000)	[2000]	270000
Gasoline Range Organics (2)	0.41 B	(0.2)	[1]	16	(0.2)	[1]	33000	(400)	[2000]	31000
Toluene	ND	(0.3)	[1]	2.4	(0.3)	[1]	4500	(600)	[2000]	4200
Total xylenes	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.026 P	(0.01)	[1.010101]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.021	(0.01)	[1.010101]	ND
4,4'-DDD	ND	(0.02)	[0.990099]	ND	(0.02)	[0.985221]	0.014 J	(0.02)	[1.010101]	0.01 JB
4,4'-DDE	0.0088 JB	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	0.014 B	(0.01)	[1.010101]	0.023 P
4,4'-DDT	0.014 B	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	ND	(0.051)	[1.010101]	ND
Aldrin	ND	(0.0099)	[0.990099]	0.017	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	0.026
Chlordane	0.0088 J	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	ND
Dieldrin	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.985221]	ND	(0.01)	[1.010101]	ND
Endosulfan I	0.0013 KJB	(0.03)	[0.990099]	ND	(0.03)	[0.985221]	ND	(0.03)	[1.010101]	0.0016 KJB
Endosulfan II	0.0073 KJB	(0.05)	[0.990099]	ND	(0.049)	[0.985221]	ND	(0.051)	[1.010101]	0.011 KJB
Endosulfan Sulfate	ND	(0.0099)	[0.990099]	0.023 B	(0.0099)	[0.985221]	0.026 B	(0.01)	[1.010101]	0.01 B
Endrin	ND	(0.0099)	[0.990099]	0.023 B	(0.0099)	[0.985221]	0.026 B	(0.01)	[1.010101]	0.01 B

Compiled: 23 May 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				KJB	KJB	PJB	PJB	PJB	PJB	PJB	KJB	KJB	KJB	KJB	
	LOCATION ID															
	SAMPLE ID															
05 05-MW-01 05-MW-01-01	05 05-MW-02 05-MW-02-01	05 05-MW-03 05-MW-03-01	05 05-MW-04 05-MW-04-01	05	05	05	05	05	05	05	05	05	05	05	05	
Endrin Aldehyde	0.0056	KJB	(0.02)	[0.990099]	0.011	PJB	(0.02)	[0.985221]	0.0003	PJB	(0.02)	[1.010101]	0.0051	KJB	(0.02)	[1.010101]
Heptachlor	0.0045	KJB	(0.0099)	[0.990099]	0.0068	KJB	(0.0099)	[0.985221]	0.006	KJB	(0.01)	[1.010101]	0.021	B	(0.01)	[1.010101]
Heptachlor epoxide	0.0046	PJB	(0.0099)	[0.990099]	0.0073	PJB	(0.0099)	[0.985221]	0.0062	PJB	(0.01)	[1.010101]	0.048	PB	(0.01)	[1.010101]
Methoxychlor	ND		(0.05)	[0.990099]	ND		(0.049)	[0.985221]	ND		(0.051)	[1.010101]	ND		(0.051)	[1.010101]
PCB-1016	ND		(0.099)	[0.990099]	ND		(0.099)	[0.985221]	ND		(0.1)	[1.010101]	ND		(0.1)	[1.010101]
PCB-1221	ND		(0.2)	[0.990099]	ND		(0.2)	[0.985221]	ND		(0.2)	[1.010101]	ND		(0.2)	[1.010101]
PCB-1232	ND		(0.2)	[0.990099]	ND		(0.2)	[0.985221]	ND		(0.2)	[1.010101]	ND		(0.2)	[1.010101]
PCB-1242	ND		(0.099)	[0.990099]	ND		(0.099)	[0.985221]	ND		(0.1)	[1.010101]	ND		(0.1)	[1.010101]
PCB-1248	ND		(0.099)	[0.990099]	ND		(0.099)	[0.985221]	ND		(0.1)	[1.010101]	ND		(0.1)	[1.010101]
PCB-1254	ND		(0.2)	[0.990099]	ND		(0.2)	[0.985221]	ND		(0.2)	[1.010101]	ND		(0.2)	[1.010101]
PCB-1260	ND		(0.2)	[0.990099]	ND		(0.2)	[0.985221]	ND		(0.2)	[1.010101]	ND		(0.2)	[1.010101]
Toxaphene	ND		(0.5)	[0.990099]	ND		(0.49)	[0.985221]	ND		(0.51)	[1.010101]	ND		(0.51)	[1.010101]
alpha-BHC	ND		(0.0099)	[0.990099]	ND		(0.0099)	[0.985221]	0.013	B	(0.01)	[1.010101]	0.094		(0.01)	[1.010101]
beta-BHC	0.014		(0.0099)	[0.990099]	ND		(0.0099)	[0.985221]	ND		(0.01)	[1.010101]	0.086		(0.01)	[1.010101]
delta-BHC	ND		(0.0099)	[0.990099]	0.017	PB	(0.0099)	[0.985221]	0.018	PB	(0.01)	[1.010101]	ND		(0.01)	[1.010101]
gamma-BHC	0.011	B	(0.0099)	[0.990099]	0.012	B	(0.0099)	[0.985221]	ND		(0.01)	[1.010101]	0.033	PB	(0.01)	[1.010101]
SW8270 - Semivolatile Organics (ug/L)																
1,2,4-Trichlorobenzene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
1,2-Dichlorobenzene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
1,3-Dichlorobenzene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
1,4-Dichlorobenzene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,4,5-Trichloropheno	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,4,6-Trichloropheno	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,4-Dichloropheno	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,4-Dimethylpheno	ND		(51)	[1.015228]	ND		(49)	[0.970873]	230		(50)	[0.990099]	ND		(50)	[1.005025]
2,4-Dinitrophenol	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,6-Dinitrotoluene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2,6-Dinitrotoluene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2-Chloronaphthalene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2-Chloropheno	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	ND		(9.9)	[0.990099]	ND		(10)	[1.005025]
2-Methylnaphthalene	ND		(10)	[1.015228]	ND		(9.7)	[0.970873]	100		(9.9)	[0.990099]	33		(10)	[1.005025]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05	
	05-MW-01		05-MW-02		05-MW-03	
	05-MW-01-01	05-MW-02-01	05-MW-02-01	05-MW-03-01	05-MW-03-01	05-MW-04-01
	ND	(10) [1.015228]	(9.7) [0.970873]	8.9 J	(9.9) [0.990099]	(10) [1.005025]
2-Methylphenol(o-cresol)	ND	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]
2-Nitroaniline	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
2-Nitrophenol	ND	(20) [1.015228]	(19) [0.970873]	ND	(20) [0.990099]	(20) [1.005025]
3,3'-Dichlorobenzidine	ND	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]
3-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]
4,6-Dinitro-2-methylphenol	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
4-Bromophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
4-Chloro-3-methylphenol	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
4-Chlorophenyl phenyl ether	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
4-Methylphenol(p-cresol)	ND	(10) [1.015228]	(9.7) [0.970873]	13	(9.9) [0.990099]	(10) [1.005025]
4-Nitroaniline	ND	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]
4-Nitrophenol	ND	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]
Acenaphthene	ND	(10) [1.015228]	(9.7) [0.970873]	1.4 J	(9.9) [0.990099]	(10) [1.005025]
Acenaphthylene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzo(a)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzo(a)pyrene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzo(b)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzo(g,h,i)perylene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzo(k)fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Benzoic acid	ND	(51) [1.015228]	(49) [0.970873]	1700	(990) [19.80198]	(25000) [502.5125]
Benzyl alcohol	ND	(10) [1.015228]	(9.7) [0.970873]	7.3 J	(9.9) [0.990099]	(10) [1.005025]
Butylbenzylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Chrysene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Di-n-octylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Dibenz(a,h)anthracene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Dibenzofuran	ND	(10) [1.015228]	(9.7) [0.970873]	2 J	(9.9) [0.990099]	(10) [1.005025]
Dibutylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Diethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Dimethylphthalate	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]
Fluoranthene	ND	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	05-MW-01	05-MW-02	05-MW-03	05-MW-04	05-MW-01	05-MW-04
05-MW-01-01	05-MW-02-01	05-MW-03-01	05-MW-04-01	05-MW-04-01	05-MW-04-01	
	ND	ND	ND	ND	ND	ND
Fluorene	(10) [1.015228]	(9.7) [0.970873]	1.3 J	(9.9) [0.990099]	(10) [1.005025]	ND
Hexachlorobenzene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Hexachlorobutadiene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Hexachlorocyclopentadiene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Hexachloroethane	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Indeno(1,2,3-cd)pyrene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Isophorone	(10) [1.015228]	(9.7) [0.970873]	1.9 J	(9.9) [0.990099]	(10) [1.005025]	ND
N-Nitrosodiphenylamine	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
N-Nitrosodipropylamine	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Naphthalene	(10) [1.015228]	(9.7) [0.970873]	130	(9.9) [0.990099]	(10) [1.005025]	130
Nitrobenzene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Pentachlorophenol	(51) [1.015228]	(49) [0.970873]	ND	(50) [0.990099]	(50) [1.005025]	ND
Phenanthrene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
Phenol	(10) [1.015228]	(9.7) [0.970873]	21	(9.9) [0.990099]	(10) [1.005025]	230
Pyrene	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
bis(2-Chloroethoxy)methane	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
bis(2-Chloroethyl) ether	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
bis(2-Chloroisopropyl) ether	(10) [1.015228]	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND
bis(2-Ethylhexyl) phthalate	0.88 JB	5.7 JB	16 B	(9.9) [0.990099]	(10) [1.005025]	3.9 J
p-Chloroaniline	ND	(9.7) [0.970873]	ND	(9.9) [0.990099]	(10) [1.005025]	ND

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	(2.5)	ND	(5)
1,1,1-Trichloroethane	ND	(0.55)	ND	(1.1)
1,1,2,2-Tetrachloroethane	ND	(0.3)	ND	(0.6)
1,1,2-Trichloroethane	ND	(0.2)	ND	(0.4)
1,1-Dichloroethane	ND	(0.5)	ND	(1)
1,1-Dichloroethene	ND	(0.7)	ND	(1.4)
1,2,3-Trichloropropane	ND	(1.6)	ND	(3.2)
1,2-Dichlorobenzene	ND	(0.25)	ND	(0.5)
1,2-Dichloroethane	ND	(0.15)	37	(0.3)
1,2-Dichloropropane	ND	(0.15)	ND	(0.3)
1,3-Dichlorobenzene	ND	(0.32)	ND	(0.64)
1,4-Dichlorobenzene	ND	(0.25)	ND	(0.5)
1-Chlorohexane	ND	(3.4)	ND	(6.8)
2-Chloroethylvinylether	ND	(0.6)	ND	(1.2)
Bromobenzene	ND	(1.6)	ND	(3.2)
Bromodichloromethane	ND	(0.1)	ND	(0.2)
Bromoform	ND	(0.5)	ND	(1)
Bromomethane	ND	(0.35)	ND	(0.7)
Carbon tetrachloride	ND	(0.35)	ND	(0.7)
Chlorobenzene	ND	(0.3)	ND	(0.6)
Chloroethane	ND	(0.7)	ND	(1.4)
Chloroform	ND	(0.15)	ND	(0.3)
Chloromethane	ND	(0.5)	ND	(1)
Dibromochloromethane	ND	(0.2)	ND	(0.4)
Dibromomethane	ND	(1.6)	ND	(3.2)
Methylene chloride	ND	(0.4)	ND	(0.8)
Tetrachloroethene	ND	(0.1)	ND	(0.2)
Trichloroethene	ND	(0.2)	ND	(0.4)
Trichlorofluoromethane	ND	(0.55)	ND	(1.1)
Vinyl chloride	ND	(0.25)	ND	(0.5)

Compiled: 23 May 1995 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				Factor	Detection Limit	NA = Not Detected	NA = Not Applicable
	05		05					
	LOCATION ID	05	LOCATION ID	05				
	05-MW-05	05-MW-06	05-MW-07	05-MW-08				
	05-MW-05-01	05-MW-06-01	05-MW-07-01	05-MW-08-01				
cis-1,3-Dichloropropene	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)
trans-1,2-Dichloroethene	ND	(0.5)	[2]	ND	(0.25)	[1]	ND	(0.25)
trans-1,3-Dichloropropene	ND	(0.3)	[2]	ND	(0.15)	[1]	ND	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)								
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)								
Diesel Range Organics (2)	11000	(2000)	[9.80]	ND	(200)	[0.985]	71000	(9800)
SW8020 - Aromatic Volatile Organics (ug/L)								
1,2-Dichlorobenzene	19000	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)
1,3-Dichlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)
1,4-Dichlorobenzene	ND	(8000)	[20000]	ND	(0.4)	[1]	ND	(800)
Benzene	63000	(6000)	[20000]	ND	(0.3)	[1]	35000	(600)
Chlorobenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	ND	(400)
Ethylbenzene	ND	(4000)	[20000]	ND	(0.2)	[1]	830	(400)
Gasoline Range Organics (2)	3000000	(2000000)	[20000]	ND	(100)	[1]	500000	(100000)
Toluene	160000	(4000)	[20000]	ND	(0.2)	[1]	31000	(400)
Total xylenes	270000	(6000)	[20000]	ND	(0.3)	[1]	4900	(600)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	0.025	(0.0099)	[0.990099]	0.021 B	(0.0099)	[0.990099]	0.038	(0.01)
4,4'-DDE	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]	ND	(0.01)
4,4'-DDT	0.0007 PJB	(0.02)	[0.990099]	0.0009 PJB	(0.02)	[0.990099]	ND	(0.021)
Aldrin	0.026	(0.0099)	[0.990099]	0.013 B	(0.0099)	[0.990099]	0.018 B	(0.01)
Chlordane	ND	(0.05)	[0.990099]	ND	(0.05)	[0.990099]	ND	(0.052)
Dieldrin	0.0087 J	(0.0099)	[0.990099]	0.0095 J	(0.0099)	[0.990099]	ND	(0.01)
Endosulfan I	ND	(0.0099)	[0.990099]	0.0089 KJB	(0.0099)	[0.990099]	ND	(0.01)
Endosulfan II	0.0008 KJB	(0.03)	[0.990099]	ND	(0.03)	[0.990099]	0.018 KJB	(0.031)
Endosulfan Sulfate	0.018 KJB	(0.05)	[0.990099]	0.0061 KJB	(0.05)	[0.990099]	0.028 JB	(0.052)
Endrin	ND	(0.0099)	[0.990099]	0.019 B	(0.0099)	[0.990099]	ND	(0.01)

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		05					
	LOCATION ID	05	LOCATION ID	05				
SAMPLE ID	05-MW-05-01	05-MW-06-01	05-MW-07-01	05-MW-08-01				
Endrin Aldehyde	0.0089 KJB	(0.02) [0.990099]	0.0054 JB	(0.02) [0.990099]	0.0065 KJB	(0.021) [1.036269]	0.0005 PJB	(0.019) [0.970873]
Heptachlor	ND	(0.0099) [0.990099]	0.0056 JB	(0.0099) [0.990099]	0.0029 PJB	(0.01) [1.036269]	0.0034 KJB	(0.0097) [0.970873]
Heptachlor epoxide	0.023 PB	(0.0099) [0.990099]	0.005 PJB	(0.0099) [0.990099]	0.071 P	(0.01) [1.036269]	0.0011 KJB	(0.0097) [0.970873]
Methoxychlor	ND	(0.05) [0.990099]	ND	(0.05) [0.990099]	ND	(0.052) [1.036269]	ND	(0.049) [0.970873]
PCB-1016	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]
PCB-1221	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]
PCB-1232	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]
PCB-1242	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]
PCB-1248	ND	(0.099) [0.990099]	ND	(0.099) [0.990099]	ND	(0.1) [1.036269]	ND	(0.097) [0.970873]
PCB-1254	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]
PCB-1260	ND	(0.2) [0.990099]	ND	(0.2) [0.990099]	ND	(0.21) [1.036269]	ND	(0.19) [0.970873]
Toxaphene	ND	(0.5) [0.990099]	ND	(0.5) [0.990099]	ND	(0.52) [1.036269]	ND	(0.49) [0.970873]
alpha-BHC	0.054	(0.0099) [0.990099]	0.016	(0.0099) [0.990099]	0.038	(0.01) [1.036269]	ND	(0.0097) [0.970873]
beta-BHC	0.072	(0.0099) [0.990099]	0.011	(0.0099) [0.990099]	0.11	(0.01) [1.036269]	ND	(0.0097) [0.970873]
delta-BHC	0.029	(0.0099) [0.990099]	ND	(0.0099) [0.990099]	ND	(0.01) [1.036269]	ND	(0.0097) [0.970873]
gamma-BHC	0.068	(0.0099) [0.990099]	0.011 B	(0.0099) [0.990099]	0.046	(0.01) [1.036269]	ND	(0.0097) [0.970873]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
1,2-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
1,3-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
1,4-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,4,5-Trichloropheno1	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,4,6-Trichloropheno1	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,4-Dichloropheno1	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,4-Dimethylpheno1	61	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,4-Dinitrophenol	ND	(49) [0.980392]	ND	(50) [1]	ND	(50) [1]	ND	(52) [1.030927]
2,4-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2,6-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2-Chloronaphthalene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2-Chloropheno1	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(10) [1]	ND	(10) [1.030927]
2-Methylnaphthalene	260	(49) [4.901960]	ND	(10) [1]	660	(100) [1]	ND	(10) [1.030927]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	05-MW-05	05-MW-06	05-MW-07	05-MW-08
160	(9.8) [0.980392]	(10)	(100)	(10)
2-Methylphenol(o-cresol)	(49) [0.980392]	(50)	(50)	(52) [1.030927]
2-Nitroaniline	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
2-Nitrophenol	(20) [0.980392]	(20)	(20)	(21) [1.030927]
3,3'-Dichlorobenzidine	(49) [0.980392]	(50)	(50)	(52) [1.030927]
3-Nitroaniline	(49) [0.980392]	(50)	(50)	(52) [1.030927]
4,6-Dinitro-2-methylphenol	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
4-Bromophenyl phenyl ether	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
4-Chloro-3-methylphenol	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
4-Chlorophenyl phenyl ether	(49) [4.901960]	(10)	(100)	(10) [1.030927]
4-Methylphenol(p-cresol)	(49) [0.980392]	(50)	(50)	(52) [1.030927]
4-Nitroaniline	(49) [0.980392]	(50)	(50)	(52) [1.030927]
4-Nitrophenol	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Acenaphthene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Acenaphthylene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Anthracene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzo(a)anthracene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzo(a)pyrene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzo(b)fluoranthene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzo(g,h,i)perylene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzo(k)fluoranthene	(250) [4.901960]	(50)	(2500)	(52) [1.030927]
Benzoic acid	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Benzy alcohol	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Butylbenzylphthalate	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Chrysene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Di-n-octylphthalate	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Dibenz(a,h)anthracene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Dibenzofuran	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Dibutylphthalate	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Diethylphthalate	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Dimethylphthalate	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
Fluoranthene	(9.8) [0.980392]	(10)	(10)	(10) [1.030927]
1.3 J				
290				
570				
7200				
0.37 J				

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
	05-MW-05	05-MW-06	05-MW-07	05-MW-08
	05-MW-05-01	05-MW-06-01	05-MW-07-01	05-MW-08-01
Fluorene	3.5 J	ND	13	ND
Hexachlorobenzene	(9.8) [0.980392]	(10)	[1]	[10] [1.030927]
Hexachlorobutadiene	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
Hexachlorocyclopentadiene	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
Hexachloroethane	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
Indeno(1,2,3-cd)pyrene	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
Isophorone	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
N-Nitrosodiphenylamine	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
N-Nitrosodipropylamine	(9.8) [0.980392]	(10)	[1]	(10) [1.030927]
Naphthalene	270	(10)	[1]	(10) [1.030927]
Nitrobenzene	ND	(10)	[1]	(10) [1.030927]
Pentachloropheno	ND	(50)	[1]	(50) [1.030927]
Phenanthrene	1.2 J	(10)	[1]	(10) [1.030927]
Pheno	330	(10)	[1]	(10) [1.030927]
Pyrene	ND	(10)	[1]	(10) [1.030927]
bis(2-Chloroethoxy)methane	ND	(10)	[1]	(10) [1.030927]
bis(2-Chloroethyl) ether	ND	(10)	[1]	(10) [1.030927]
bis(2-Chloroisopropyl) ether	ND	(10)	[1]	(10) [1.030927]
bis(2-Ethylhexyl) phthalate	110	(10)	[1]	(10) [1.030927]
p-Chloroaniline	ND	(10)	[1]	(10) [1.030927]

Compiled: 23 May 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	05-MW-09	LOCATION ID	05-MW-10
SAMPLE ID	05-MW-09-01	05-DS-08 Dup of 05-MW-09-01	05-MW-10-01	05-MW-11-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND (2.5)	[1] (2.5)	ND (2.5)	ND (2.5)
1,1,1-Trichloroethane	ND (0.55)	[1] (0.55)	ND (0.55)	ND (0.55)
1,1,2,2-Tetrachloroethane	ND (0.3)	[1] (0.3)	ND (0.3)	ND (0.3)
1,1,2-Trichloroethane	ND (0.2)	[1] (0.2)	ND (0.2)	ND (0.2)
1,1-Dichloroethane	ND (0.5)	[1] (0.5)	ND (0.5)	ND (0.5)
1,1-Dichloroethene	ND (0.7)	[1] (0.7)	ND (0.7)	ND (0.7)
1,2,3-Trichloropropane	ND (1.6)	[1] (1.6)	ND (1.6)	ND (1.6)
1,2-Dichlorobenzene	ND (0.25)	[1] (0.25)	ND (0.25)	ND (0.25)
1,2-Dichloroethane	ND (0.15)	[1] (0.15)	6.8 (0.15)	0.43 (0.15)
1,2-Dichloropropane	ND (0.15)	[1] (0.15)	ND (0.15)	ND (0.15)
1,3-Dichlorobenzene	ND (0.32)	[1] (0.32)	ND (0.32)	ND (0.32)
1,4-Dichlorobenzene	ND (0.25)	[1] (0.25)	ND (0.25)	ND (0.25)
1-Chlorohexane	ND (3.4)	[1] (3.4)	ND (3.4)	ND (3.4)
2-Chloroethylvinylether	ND (0.6)	[1] (0.6)	ND (0.6)	ND (0.6)
Bromobenzene	ND (1.6)	[1] (1.6)	ND (1.6)	ND (1.6)
Bromodichloromethane	ND (0.1)	[1] (0.1)	ND (0.1)	ND (0.1)
Bromoform	ND (0.5)	[1] (0.5)	ND (0.5)	ND (0.5)
Bromomethane	ND (0.35)	[1] (0.35)	ND (0.35)	ND (0.35)
Carbon tetrachloride	ND (0.35)	[1] (0.35)	ND (0.35)	ND (0.35)
Chlorobenzene	ND (0.3)	[1] (0.3)	ND (0.3)	ND (0.3)
Chloroethane	ND (0.7)	[1] (0.7)	ND (0.7)	ND (0.7)
Chloroform	ND (0.15)	[1] (0.15)	ND (0.15)	ND (0.15)
Chloromethane	ND (0.5)	[1] (0.5)	ND (0.5)	ND (0.5)
Dibromochloromethane	ND (0.2)	[1] (0.2)	ND (0.2)	ND (0.2)
Dibromomethane	ND (1.6)	[1] (1.6)	ND (1.6)	ND (1.6)
Methylene chloride	ND (0.4)	[1] (0.4)	ND (0.4)	ND (0.4)
Tetrachloroethene	ND (0.1)	[1] (0.1)	ND (0.1)	ND (0.1)
Trichloroethene	ND (0.2)	[1] (0.2)	ND (0.2)	ND (0.2)
Trichlorofluoromethane	ND (0.55)	[1] (0.55)	ND (0.55)	ND (0.55)
Vinyl chloride	ND (0.25)	[1] (0.25)	ND (0.25)	ND (0.25)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				Factor	Detection Limit	Limit	Factor	Not Detected	NA	Not Applicable
	05		05								
	LOCATION ID	05	LOCATION ID	05							
	05-MW-09	05-MW-09	05-MW-10	05-MW-11							
	05-MW-09-01	05-DS-08 Dup of 05-MW-09-01	05-MW-10-01	05-MW-11-01							
cis-1,3-Dichloropropene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)											
Ethanol	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)											
Diesel Range Organics (2)	ND	(200)	[0.976]	(200)	[1]	ND	(200)	[1]	130000	(19000)	[97.1]
SW8020 - Aromatic Volatile Organics (ug/L)											
1,2-Dichlorobenzene	ND	(0.4)	[1]	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]	54000	(1500)	[5000]
Chlorobenzene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	1800	(1000)	[5000]
Gasoline Range Organics (2)	ND	(100)	[1]	(100)	[1]	ND	(100)	[1]	270000	(10000)	[1000]
Toluene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	48000	(1000)	[5000]
Total xylenes	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]	6700	(1500)	[5000]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)											
4,4'-DDD	ND	(0.011)	[1.081081]	(0.01)	[1]	ND	(0.01)	[1]	0.22	(0.01)	[1]
4,4'-DDE	ND	(0.011)	[1.081081]	(0.01)	[1]	ND	(0.01)	[1]	0.27	(0.01)	[1]
4,4'-DDT	0.014 KJ	(0.022)	[1.081081]	(0.02)	[1]	0.01 KJB	(0.02)	[1]	0.16	(0.02)	[1]
Aldrin	ND	(0.011)	[1.081081]	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]
Chlordane	ND	(0.054)	[1.081081]	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]
Dieldrin	0.0092 KJ	(0.011)	[1.081081]	(0.01)	[1]	0.009 J	(0.01)	[1]	ND	(0.01)	[1]
Endosulfan I	ND	(0.011)	[1.081081]	(0.01)	[1]	ND	(0.01)	[1]	0.021 PB	(0.01)	[1]
Endosulfan II	ND	(0.032)	[1.081081]	(0.03)	[1]	ND	(0.03)	[1]	ND	(0.03)	[1]
Endosulfan Sulfate	0.017 KJB	(0.054)	[1.081081]	(0.05)	[1]	0.023 JB	(0.05)	[1]	0.049 KJ	(0.05)	[1]
Endrin	ND	(0.011)	[1.081081]	(0.01)	[1]	ND	(0.01)	[1]	0.074	(0.01)	[1]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-MW-09	05-MW-09-01	05-MW-09	05-MW-09-01	05-MW-09	05-MW-09-01	05-MW-10	05-MW-10-01	05-MW-11	05-MW-11-01
	0.0068 JB	(0.022) [1.081081]	0.0022 KJB	(0.02) [1.041666]	0.019 KJB	(0.02) [1.041666]	0.0023 KJB	(0.02) [1.041666]	0.016	(0.0098) [0.980392]
Endrin Aldehyde	ND	(0.011) [1.081081]	ND	(0.01) [1.041666]	0.01 PB	(0.01) [1.041666]	ND	(0.01) [1.041666]	0.006 KJB	(0.0098) [0.980392]
Heptachlor	ND	(0.011) [1.081081]	0.0013 KJB	(0.01) [1.041666]	0.078 P	(0.01) [1.041666]	ND	(0.01) [1.041666]	0.018 B	(0.0098) [0.980392]
Heptachlor epoxide	ND	(0.054) [1.081081]	ND	(0.05) [1.041666]	ND	(0.05) [1.041666]	ND	(0.05) [1.041666]	0.0083 JB	(0.049) [0.980392]
Methoxychlor	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]		(0.098) [0.980392]
PCB-1016	ND	(0.22) [1.081081]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]		(0.2) [0.980392]
PCB-1221	ND	(0.22) [1.081081]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]		(0.2) [0.980392]
PCB-1232	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]		(0.098) [0.980392]
PCB-1242	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]		(0.098) [0.980392]
PCB-1248	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]	ND	(0.1) [1.041666]		(0.098) [0.980392]
PCB-1254	ND	(0.22) [1.081081]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]		(0.2) [0.980392]
PCB-1260	ND	(0.22) [1.081081]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]	ND	(0.2) [1.041666]		(0.2) [0.980392]
Toxaphene	ND	(0.54) [1.081081]	ND	(0.5) [1.041666]	ND	(0.5) [1.041666]	ND	(0.5) [1.041666]		(0.49) [0.980392]
alpha-BHC	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	0.13	(0.1) [1.041666]	0.016	(0.01) [1.041666]		(0.0098) [0.980392]
beta-BHC	ND	(0.11) [1.081081]	ND	(0.1) [1.041666]	0.14	(0.1) [1.041666]	0.006 KJB	(0.01) [1.041666]		(0.0098) [0.980392]
delta-BHC	ND	(0.11) [1.081081]	0.02 B	(0.1) [1.041666]	0.12	(0.1) [1.041666]	0.018 B	(0.01) [1.041666]		(0.0098) [0.980392]
gamma-BHC	ND	(0.11) [1.081081]	0.027 B	(0.1) [1.041666]	0.073	(0.1) [1.041666]	0.0083 JB	(0.01) [1.041666]		(0.0098) [0.980392]
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
1,2-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
1,3-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
1,4-Dichlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,4,5-Trichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,4,6-Trichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,4-Dichloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,4-Dimethylpheno1	ND	(49) [0.970873]	ND	(52) [1.041666]	ND	(52) [1.041666]	ND	(420) [8.333332]		(48) [0.956937]
2,4-Dinitrophenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,4-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2,6-Dinitrotoluene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2-Chloronaphthalene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2-Chloropheno1	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(10) [1.041666]	ND	(83) [8.333332]		(9.6) [0.956937]
2-Methylnaphthalene	ND	(9.7) [0.970873]	1.1 J	(10) [1.041666]	1200	(10) [1.041666]	ND	(210) [20.83333]		(9.6) [0.956937]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-MW-09	05-MW-09	05-MW-10	05-MW-11
	05-MM-09-01	05-DS-08 Dup of 05-MW-09-01	05-MM-10-01	05-MM-11-01
2-Methylphenol(o-cresol)	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
2-Nitroaniline	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
2-Nitrophenol	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
3,3'-Dichlorobenzidine	ND	(19) [0.970873]	(21) [1.041666]	(170) [8.333332]
3-Nitroaniline	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
4,6-Dinitro-2-methylphenol	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
4-Bromophenyl phenyl ether	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
4-Chloro-3-methylphenol	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
4-Chlorophenyl phenyl ether	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
4-Methylphenol(p-cresol)	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
4-Nitroaniline	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
4-Nitrophenol	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
Acenaphthene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Acenaphthylene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Anthracene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzo(a)anthracene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzo(a)pyrene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzo(b)fluoranthene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzo(g,h,i)perylene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzo(k)fluoranthene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Benzoic acid	ND	(49) [0.970873]	(52) [1.041666]	(420) [8.333332]
Benzyl alcohol	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Butylbenzylphthalate	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Chrysene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Di-n-octylphthalate	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Dibenz(a,h)anthracene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Dibenzofuran	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Dibutylphthalate	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Diethylphthalate	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Dimethylphthalate	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]
Fluoranthene	ND	(9.7) [0.970873]	(10) [1.041666]	(83) [8.333332]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		05					
	LOCATION ID SAMPLE ID	05-MW-09 05-MW-09-01	05-MW-09 05-DS-08 Dup of 05-MW-09-01	05-MW-10 05-MW-10-01				
Fluorene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	260	(83) [8.333332]	ND	(9.6) [0.956937]
Hexachlorobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Hexachlorobutadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Hexachlorocyclopentadiene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Hexachloroethane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Indeno(1,2,3-cd)pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Isophorone	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
N-Nitrosodiphenylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
N-Nitrosodipropylamine	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Naphthalene	ND	(9.7) [0.970873]	0.73 J	(10) [1.041666]	880	(210) [20.833333]	ND	(9.6) [0.956937]
Nitrobenzene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
Pentachloropheno	ND	(49) [0.970873]	ND	(52) [1.041666]	ND	(420) [8.333332]	ND	(48) [0.956937]
Phenanthrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	23 J	(83) [8.333332]	ND	(9.6) [0.956937]
Phenol	ND	(9.7) [0.970873]	ND	(10) [1.041666]	1600	(83) [8.333332]	ND	(9.6) [0.956937]
Pyrene	ND	(9.7) [0.970873]	ND	(10) [1.041666]	5.7 J	(83) [8.333332]	ND	(9.6) [0.956937]
bis(2-Chloroethoxy)methane	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
bis(2-Chloroethyl)ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
bis(2-Chloroisopropyl)ether	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
bis(2-Ethylhexyl)phthalate	3.4 JB	(9.7) [0.970873]	1.8 JB	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]
p-Chloroaniline	ND	(9.7) [0.970873]	ND	(10) [1.041666]	ND	(83) [8.333332]	ND	(9.6) [0.956937]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	05-MW-12	05-MW-12	05-MW-12	05-SW-01	05-SW-02	05-SW-02-01
	05-MW-12-01	05-MW-12	05-MW-12-01	05-SW-01-01		
			05-DS-09 Dup of 05-MW-12-01			
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	ND	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	ND	(0.25)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	05		05										
	LOCATION ID	05-SW-01	LOCATION ID	05-SW-02									
SAMPLE ID	05-MW-12	05-SW-01-01	05-SW-02	05-SW-02-01									
	05-MW-12-01	05-DS-09 Dup of 05-MW-12-01	05-SW-01-01	05-SW-02-01									
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.4)	[2]	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.5)	[2]	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.3)	[2]	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)													
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)													
Diesel Range Organics (2)	910	(200)	[0.980]	11000	(1900)	[9.71]	[1]	ND	(200)	[1]	ND	(200)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)													
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(800)	[2000]	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	50000	(600)	[2000]	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(400)	[2000]	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	1400	(400)	[2000]	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	440000	(200000)	[2000]	[1]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	37000	(400)	[2000]	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	5000	(600)	[2000]	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)													
4,4'-DDD	ND	(0.0097)	[0.970873]	0.023 B	(0.0098)	[0.980392]	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDE	ND	(0.0097)	[0.970873]	0.027	(0.0098)	[0.980392]	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]
4,4'-DDT	ND	(0.019)	[0.970873]	0.016 J	(0.02)	[0.980392]	[0.995024]	0.031	(0.02)	[0.995024]	0.001 PJB	(0.02)	[0.995024]
Aldrin	ND	(0.0097)	[0.970873]	0.024	(0.0098)	[0.980392]	[0.995024]	ND	(0.01)	[0.995024]	0.0055 PJB	(0.01)	[0.995024]
Chlordane	ND	(0.049)	[0.970873]	ND	(0.049)	[0.980392]	[0.995024]	ND	(0.05)	[0.995024]	ND	(0.05)	[0.995024]
Dieldrin	ND	(0.0097)	[0.970873]	0.0088 J	(0.0098)	[0.980392]	[0.995024]	0.007 JB	(0.01)	[0.995024]	0.008 JB	(0.01)	[0.995024]
Endosulfan I	0.0049 KJB	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	[0.995024]	0.0069 KJB	(0.01)	[0.995024]	0.0053 KJB	(0.01)	[0.995024]
Endosulfan II	0.0022 KJB	(0.029)	[0.970873]	ND	(0.029)	[0.980392]	[0.995024]	0.022 KJB	(0.03)	[0.995024]	0.02 JB	(0.03)	[0.995024]
Endosulfan Sulfate	ND	(0.049)	[0.970873]	0.0092 KJB	(0.049)	[0.980392]	[0.995024]	ND	(0.05)	[0.995024]	0.044 KJ	(0.05)	[0.995024]
Endrin	ND	(0.0097)	[0.970873]	ND	(0.0098)	[0.980392]	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		05					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				
	05-MW-12	05-MW-12	05-SW-01	05-SW-02				
	05-MW-12-01	05-MW-12-01	05-SW-01-01	05-SW-02-01				
	05-DS-09 Dup of 05-MW-12-01							
Endrin Aldehyde	0.0078 KJB	(0.019) [0.970873]	0.0064 KJB	(0.02) [0.980392]	ND	(0.02) [0.995024]	ND	(0.02) [0.995024]
Heptachlor	ND	(0.0097) [0.970873]	0.018 B	(0.0098) [0.980392]	0.0021 KJB	(0.01) [0.995024]	0.0011 KJB	(0.01) [0.995024]
Heptachlor epoxide	0.014 B	(0.0097) [0.970873]	0.022 PB	(0.0098) [0.980392]	0.0053 PJB	(0.01) [0.995024]	0.0061 PJB	(0.01) [0.995024]
Methoxychlor	ND	(0.049) [0.970873]	ND	(0.049) [0.980392]	ND	(0.05) [0.995024]	ND	(0.05) [0.995024]
PCB-1016	ND	(0.097) [0.970873]	ND	(0.098) [0.980392]	ND	(0.1) [0.995024]	ND	(0.1) [0.995024]
PCB-1221	ND	(0.19) [0.970873]	ND	(0.2) [0.980392]	ND	(0.2) [0.995024]	ND	(0.2) [0.995024]
PCB-1232	ND	(0.19) [0.970873]	ND	(0.2) [0.980392]	ND	(0.2) [0.995024]	ND	(0.2) [0.995024]
PCB-1242	ND	(0.097) [0.970873]	ND	(0.098) [0.980392]	ND	(0.1) [0.995024]	ND	(0.1) [0.995024]
PCB-1248	ND	(0.097) [0.970873]	ND	(0.098) [0.980392]	ND	(0.1) [0.995024]	ND	(0.1) [0.995024]
PCB-1254	ND	(0.19) [0.970873]	ND	(0.2) [0.980392]	ND	(0.2) [0.995024]	ND	(0.2) [0.995024]
PCB-1260	ND	(0.19) [0.970873]	ND	(0.2) [0.980392]	ND	(0.2) [0.995024]	ND	(0.2) [0.995024]
Toxaphene	ND	(0.49) [0.970873]	ND	(0.49) [0.980392]	ND	(0.5) [0.995024]	ND	(0.5) [0.995024]
alpha-BHC	0.01 PB	(0.0097) [0.970873]	0.054	(0.0098) [0.980392]	ND	(0.01) [0.995024]	ND	(0.01) [0.995024]
beta-BHC	0.0057 PJB	(0.0097) [0.970873]	0.071	(0.0098) [0.980392]	ND	(0.01) [0.995024]	ND	(0.01) [0.995024]
delta-BHC	ND	(0.0097) [0.970873]	0.029	(0.0098) [0.980392]	0.017 B	(0.01) [0.995024]	0.0072 KJB	(0.01) [0.995024]
gamma-BHC	ND	(0.0097) [0.970873]	0.063	(0.0098) [0.980392]	ND	(0.01) [0.995024]	0.015 B	(0.01) [0.995024]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
1,2-Dichlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
1,3-Dichlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
1,4-Dichlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2,4,5-Trichloropheno1	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2,4,6-Trichloropheno1	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2,4-Dichloropheno1	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2,4-Dimethylpheno1	ND	(10) [1.020408]	60	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10) [1]
2,4-Dinitrophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(50) [1]
2,4-Dinitrotoluene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2,6-Dinitrotoluene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2-Chloronaphthalene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2-Chloropheno1	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(10) [1]
2-Methylnaphthalene	ND	(10) [1.020408]	420	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(10) [1]

Compiled: 23 May 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		05					
	05-MW-12	05-MW-12	05-SW-01	05-SW-02				
05-MW-12-01	05-MW-12-01	05-SW-01-01	05-SW-02-01					
PARAMETER	05-DS-09	Dup of 05-MW-12-01						
	05-MW-12							
	05-MW-12							
	05-MW-12-01	05-MW-12-01	05-SW-01-01	05-SW-02-01				
2-Methylphenol(o-cresol)	ND	(10) [1.020408]	170	(50) [4.950495]	(9.9) [0.985221]	ND	(10)	[1]
2-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	(49) [0.985221]	ND	(50)	[1]
2-Nitrophenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
3,3'-Dichlorobenzidine	ND	(20) [1.020408]	ND	(20) [0.990099]	(20) [0.985221]	ND	(20)	[1]
3-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	(49) [0.985221]	ND	(50)	[1]
4,6-Dinitro-2-methylphenol	ND	(51) [1.020408]	ND	(50) [0.990099]	(49) [0.985221]	ND	(50)	[1]
4-Bromophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
4-Chloro-3-methylphenol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
4-Chlorophenyl phenyl ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
4-Methylphenol(p-cresol)	ND	(10) [1.020408]	300	(50) [4.950495]	(9.9) [0.985221]	ND	(10)	[1]
4-Nitroaniline	ND	(51) [1.020408]	ND	(50) [0.990099]	(49) [0.985221]	ND	(50)	[1]
4-Nitrophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	(49) [0.985221]	ND	(50)	[1]
Acenaphthene	ND	(10) [1.020408]	2.3 J	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Acenaphthylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzo(a)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzo(a)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzo(b)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzo(g,h,i)perylene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzo(k)fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Benzoic acid	ND	(51) [1.020408]	41 J	(50) [0.990099]	(49) [0.985221]	1.9 J	(50)	[1]
Benzyl alcohol	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Butylbenzylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Chrysene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Di-n-octylphthalate	ND	(10) [1.020408]	0.59 J	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Dibenz(a,h)anthracene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Dibenzofuran	ND	(10) [1.020408]	7.7 J	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Dibutylphthalate	ND	(10) [1.020408]	0.53 J	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Diethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Dimethylphthalate	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]
Fluoranthene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	(9.9) [0.985221]	ND	(10)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				6.2 J	ND	(10) [1.020408]	ND	05 05-MW-12 05-MW-12-01	05 05-MW-12 05-DS-09 Dup of 05-MW-12-01	05 05-SW-01 05-SW-01-01	05 05-SW-02 05-SW-02-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID								
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID								
Fluorene	ND	(10) [1.020408]	6.2 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Hexachlorobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Hexachlorobutadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Hexachlorocyclopentadiene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Hexachloroethane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Isophorone	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
N-Nitrosodiphenylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
N-Nitrosodipropylamine	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Naphthalene	ND	(10) [1.020408]	370	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Nitrobenzene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Pentachlorophenol	ND	(51) [1.020408]	ND	(50) [0.990099]	ND	(49) [0.985221]	ND	(49) [0.985221]	(50) [50]	(50) [50]	(10) [10]	
Phenanthrene	ND	(10) [1.020408]	1.1 J	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Phenol	ND	(10) [1.020408]	400	(50) [4.950495]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
Pyrene	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
bis(2-Chloroethyl) ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
bis(2-Chloroisopropyl) ether	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
bis(2-Ethylhexyl) phthalate	ND	(10) [1.020408]	200	(50) [4.950495]	1.8 JB	(9.9) [0.985221]	1.2 JB	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	
p-Chloroaniline	ND	(10) [1.020408]	ND	(9.9) [0.990099]	ND	(9.9) [0.985221]	ND	(9.9) [0.985221]	(9.9) [0.985221]	(9.9) [0.985221]	(10) [10]	

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		06					
	LOCATION ID	05-SW-03	LOCATION ID	06-MW-01				
SAMPLE ID	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-02-01				
SW8010 - Halogenated Volatile Organics (ug/L)								
1,1,1,2-Tetrachloroethane	ND	[1]	(2.5)	[1]	ND	[500]	(2.5)	[1]
1,1,1-Trichloroethane	ND	[1]	(0.55)	[1]	ND	[500]	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	[1]	(0.3)	[1]	ND	[500]	(0.3)	[1]
1,1,2-Trichloroethane	ND	[1]	(0.2)	[1]	ND	[500]	(0.2)	[1]
1,1-Dichloroethane	ND	[1]	(0.5)	[1]	ND	[500]	(0.5)	[1]
1,1-Dichloroethene	ND	[1]	(0.7)	[1]	ND	[500]	(0.7)	[1]
1,2,3-Trichloropropane	ND	[1]	(1.6)	[1]	ND	[500]	(1.6)	[1]
1,2-Dichlorobenzene	ND	[1]	(0.25)	[1]	ND	[500]	(0.25)	[1]
1,2-Dichloroethane	ND	[1]	(0.15)	[1]	ND	[500]	(0.15)	[1]
1,2-Dichloropropane	ND	[1]	(0.15)	[1]	ND	[500]	(0.15)	[1]
1,3-Dichlorobenzene	ND	[1]	(0.32)	[1]	ND	[500]	(0.32)	[1]
1,4-Dichlorobenzene	ND	[1]	(0.25)	[1]	ND	[500]	(0.25)	[1]
1-Chlorohexane	ND	[1]	(3.4)	[1]	ND	[500]	(3.4)	[1]
2-Chloroethylvinylether	ND	[1]	(0.6)	[1]	ND	[500]	(0.6)	[1]
Bromobenzene	ND	[1]	(1.6)	[1]	ND	[500]	(1.6)	[1]
Bromodichloromethane	ND	[1]	(0.1)	[1]	ND	[500]	(0.1)	[1]
Bromoform	ND	[1]	(0.5)	[1]	ND	[500]	(0.5)	[1]
Bromomethane	ND	[1]	(0.35)	[1]	ND	[500]	(0.35)	[1]
Carbon tetrachloride	ND	[1]	(0.35)	[1]	ND	[500]	(0.35)	[1]
Chlorobenzene	ND	[1]	(0.3)	[1]	ND	[500]	(0.3)	[1]
Chloroethane	ND	[1]	(0.7)	[1]	ND	[500]	(0.7)	[1]
Chloroform	ND	[1]	(0.15)	[1]	ND	[500]	(0.15)	[1]
Chloromethane	ND	[1]	(0.5)	[1]	ND	[500]	(0.5)	[1]
Dibromochloromethane	ND	[1]	(0.2)	[1]	ND	[500]	(0.2)	[1]
Dibromomethane	ND	[1]	(1.6)	[1]	ND	[500]	(1.6)	[1]
Methylene chloride	ND	[1]	(0.4)	[1]	ND	[500]	(0.4)	[1]
Tetrachloroethene	ND	[1]	(0.1)	[1]	ND	[500]	(0.1)	[1]
Trichloroethene	ND	[1]	(0.2)	[1]	13000	[500]	(0.2)	[1]
Trichlorofluoromethane	ND	[1]	(0.55)	[1]	ND	[500]	(0.55)	[1]
Vinyl chloride	ND	[1]	(0.25)	[1]	ND	[500]	(0.25)	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		06		06	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SW-03	05-SW-03	06-MW-01	06-MW-01	06-MW-02	06-MW-02-01
	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-01-01		
cis-1,3-Dichloropropene	ND	[1]	ND	[1]	ND	[1]
trans-1,2-Dichloroethene	ND	[1]	ND	[1]	ND	[1]
trans-1,3-Dichloropropene	ND	[1]	ND	[1]	ND	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND	[1]	ND	[1]	ND	[1]
Ethyl ether	ND	[1]	ND	[1]	ND	[1]
Methyl ethyl ketone	ND	[1]	ND	[1]	ND	[1]
Methyl isobutyl ketone	ND	[1]	ND	[1]	ND	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND	[0.96]	ND	[0.98]	ND	[0.980]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	[1]	ND	[1]	ND	[1]
1,3-Dichlorobenzene	ND	[1]	ND	[1]	ND	[1]
1,4-Dichlorobenzene	ND	[1]	ND	[1]	ND	[1]
Benzene	ND	[1]	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]	ND	[1]
Ethylbenzene	ND	[1]	ND	[1]	ND	[1]
Gasoline Range Organics (2)	ND	[1]	ND	[1]	ND	[1]
Toluene	ND	[1]	ND	[1]	ND	[1]
Total xylenes	ND	[1]	ND	[1]	ND	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	[0.952380]	ND	[0.952380]	3.1	[1.941748]
4,4'-DDE	ND	[0.952380]	ND	[0.952380]	0.022	[0.970873]
4,4'-DDT	0.003 PJB	[0.952380]	0.0021 PJB	[0.952380]	0.24	[0.970873]
Aldrin	0.0046 PJB	[0.952380]	0.0051 PJB	[0.952380]	0.004 KJB	[0.970873]
Chlordane	ND	[0.952380]	ND	[0.952380]	ND	[0.970873]
Dieldrin	0.0071 JB	[0.952380]	0.0073 JB	[0.952380]	ND	[0.970873]
Endosulfan I	0.0066 KJB	[0.952380]	0.0024 KJB	[0.952380]	ND	[0.970873]
Endosulfan II	0.017 JB	[0.952380]	0.018 JB	[0.952380]	0.0022 KJB	[0.970873]
Endosulfan Sulfate	0.043 KJ	[0.952380]	0.033 KJB	[0.952380]	ND	[0.970873]
Endrin	ND	[0.952380]	ND	[0.952380]	0.0025 PJB	[0.970873]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				0.034	0.014 JB	0.019 [0.970873]		
	05		06						
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
Endrin Aldehyde	ND	(0.019) [0.952380]	ND	(0.019) [0.952380]	0.034	(0.02)	[1]	0.014 JB	(0.019) [0.970873]
Heptachlor	0.0034 KJB	(0.0095) [0.952380]	0.0021 KJB	(0.0095) [0.952380]	0.0019 KJB	(0.01)	[1]	ND	(0.0097) [0.970873]
Heptachlor epoxide	0.0097 PB	(0.0095) [0.952380]	0.006 PJB	(0.0095) [0.952380]	ND	(0.01)	[1]	ND	(0.0097) [0.970873]
Methoxychlor	0.018 KJ	(0.048) [0.952380]	ND	(0.048) [0.952380]	ND	(0.05)	[1]	ND	(0.049) [0.970873]
PCB-1016	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1)	[1]	ND	(0.097) [0.970873]
PCB-1221	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2)	[1]	ND	(0.19) [0.970873]
PCB-1232	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2)	[1]	ND	(0.19) [0.970873]
PCB-1242	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1)	[1]	ND	(0.097) [0.970873]
PCB-1248	ND	(0.095) [0.952380]	ND	(0.095) [0.952380]	ND	(0.1)	[1]	ND	(0.097) [0.970873]
PCB-1254	ND	(0.19) [0.952380]	ND	(0.19) [0.952380]	ND	(0.2)	[1]	ND	(0.19) [0.970873]
PCB-1260	ND	(0.19) [0.952380]	0.02 KJ	(0.19) [0.952380]	ND	(0.2)	[1]	ND	(0.19) [0.970873]
Toxaphene	ND	(0.48) [0.952380]	ND	(0.48) [0.952380]	ND	(0.5)	[1]	ND	(0.49) [0.970873]
alpha-BHC	ND	(0.0095) [0.952380]	ND	(0.0095) [0.952380]	0.0096 KJB	(0.01)	[1]	0.0076 KJB	(0.0097) [0.970873]
beta-BHC	ND	(0.0095) [0.952380]	ND	(0.0095) [0.952380]	ND	(0.01)	[1]	ND	(0.0097) [0.970873]
delta-BHC	ND	(0.0095) [0.952380]	ND	(0.0095) [0.952380]	0.0047 PJB	(0.01)	[1]	0.0042 PJB	(0.0097) [0.970873]
gamma-BHC	0.0046 PJB	(0.0095) [0.952380]	0.0039 PJB	(0.0095) [0.952380]	0.013 B	(0.01)	[1]	0.0082 JB	(0.0097) [0.970873]
SW8270 - Semivolatile Organics (ug/L)									
1,2,4-Trichlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
1,2-Dichlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
1,3-Dichlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
1,4-Dichlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,4,5-Trichlorophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,4,6-Trichlorophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,4-Dichlorophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,4-Dimethylphenol	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,4-Dinitrophenol	ND	(48) [0.956937]	ND	(48) [0.956937]	ND	(49)	[0.980392]	ND	(50)
2,4-Dinitrotoluene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2,6-Dinitrotoluene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2-Chloronaphthalene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2-Chlorophenol	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)
2-Methylnaphthalene	ND	(9.6) [0.956937]	ND	(9.6) [0.956937]	ND	(9.8)	[0.980392]	ND	(10)

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		06	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SW-03	05-SW-03	06-MW-01	06-MW-02
	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-02-01
2-Methylphenol (o-cresol)	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
2-Nitroaniline	ND	(48) [0.956937]	ND	(49) [0.980392]
2-Nitrophenol	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
3,3'-Dichlorobenzidine	ND	(19) [0.956937]	ND	(20) [0.980392]
3-Nitroaniline	ND	(48) [0.956937]	ND	(49) [0.980392]
4,6-Dinitro-2-methylphenol	ND	(48) [0.956937]	ND	(49) [0.980392]
4-Bromophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
4-Chloro-3-methylphenol	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
4-Chlorophenyl phenyl ether	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
4-Methylphenol (p-cresol)	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
4-Nitroaniline	ND	(48) [0.956937]	ND	(49) [0.980392]
4-Nitrophenol	ND	(48) [0.956937]	ND	(49) [0.980392]
Acenaphthene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Acenaphthylene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Anthracene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzo(a)anthracene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzo(a)pyrene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzo(b)fluoranthene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzo(g,h,i)perylene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzo(k)fluoranthene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Benzoic acid	1.8 J	(48) [0.956937]	1.9 J	(49) [0.980392]
Benzyl alcohol	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Butylbenzylphthalate	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Chrysene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Di-n-octylphthalate	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Dibenz(a,h)anthracene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Dibenzofuran	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Dibutylphthalate	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Diethylphthalate	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Dimethylphthalate	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]
Fluoranthene	ND	(9.6) [0.956937]	ND	(9.8) [0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	05		06						
	LOCATION ID	05-SW-03	06-MW-01	06-MW-02					
SAMPLE ID	05-SW-03	06-MW-01-01	06-MW-02-01						
	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01							
Fluorene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Hexachlorobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Hexachlorobutadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Hexachlorocyclopentadiene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Hexachloroethane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Indeno(1,2,3-cd)pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Isophorone	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
N-Nitrosodiphenylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
N-Nitrosodipropylamine	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Naphthalene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Nitrobenzene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Pentachlorophenol	ND	(48) [0.956937]	ND	(48) [0.961538]	ND	(49) [0.980392]	ND	(50)	[1]
Phenanthrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Phenol	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
Pyrene	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
bis(2-Chloroethoxy)methane	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
bis(2-Chloroethyl)ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
bis(2-Chloroisopropyl)ether	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]
bis(2-Ethylhexyl)phthalate	ND	(9.6) [0.956937]	7.5 JB	(9.6) [0.961538]	160	(9.8) [0.980392]	160	(100)	[10]
p-Chloroaniline	ND	(9.6) [0.956937]	ND	(9.6) [0.961538]	ND	(9.8) [0.980392]	ND	(10)	[1]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	06	06	06	06
	06-MW-03 06-MW-03-01	06-MW-03 06-MW-03-01	06-MW-04 06-MW-04-01	06-MW-06 06-MW-06-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,1-Trichloroethane	ND	[1]	ND	[1]
1,1,2,2-Tetrachloroethane	ND	[1]	ND	[1]
1,1,2-Trichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethane	ND	[1]	ND	[1]
1,1-Dichloroethene	ND	[1]	ND	[1]
1,2,3-Trichloropropane	ND	[1]	ND	[1]
1,2-Dichlorobenzene	ND	[1]	ND	[1]
1,2-Dichloroethane	ND	[1]	ND	[1]
1,2-Dichloropropane	ND	[1]	ND	[1]
1,3-Dichlorobenzene	ND	[1]	ND	[1]
1,4-Dichlorobenzene	ND	[1]	ND	[1]
1-Chlorohexane	ND	[1]	ND	[1]
2-Chloroethylvinylether	ND	[1]	ND	[1]
Bromobenzene	ND	[1]	ND	[1]
Bromodichloromethane	ND	[1]	ND	[1]
Bromoform	ND	[1]	ND	[1]
Bromomethane	ND	[1]	ND	[1]
Carbon tetrachloride	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]
Chloroethane	ND	[1]	ND	[1]
Chloroform	ND	[1]	ND	[1]
Chloromethane	ND	[1]	ND	[1]
Dibromochloromethane	ND	[1]	ND	[1]
Dibromomethane	ND	[1]	ND	[1]
Methylene chloride	ND	[1]	ND	[1]
Tetrachloroethene	ND	[1]	ND	[1]
Trichloroethene	ND	[1]	ND	[1]
Trichlorofluoromethane	ND	[1]	ND	[1]
Vinyl chloride	ND	[1]	ND	[1]
			0.54	0.37

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				CONCENTRATION (ug/L)	UNIT	REMARKS
	06		06				
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID			
	06-MW-03	06-MW-03	06-MW-04	06-MW-06			
	06-MW-03-01	06-DS-08 Dup of 06-MW-03-01	06-MW-04-01	06-MW-06-01			

cis-1,3-Dichloropropene	ND	[1]	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	[1]	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	[1]	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)							
Ethanol	ND	[1]	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	[1]	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	[1]	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	[1]	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)							
Diesel Range Organics (2)	ND	[1.01]	(200)	[1]	2900	(410)	[2.03]
SW8020 - Aromatic Volatile Organics (ug/L)							
1,2-Dichlorobenzene	ND	[1]	(0.4)	[1]	ND	(10)	[25]
1,3-Dichlorobenzene	ND	[1]	(0.2)	[1]	ND	(5)	[25]
1,4-Dichlorobenzene	ND	[1]	(0.4)	[1]	25 P	(10)	[25]
Benzene	ND	[1]	(0.3)	[1]	510	(7.5)	[25]
Chlorobenzene	ND	[1]	(0.2)	[1]	ND	(5)	[25]
Ethylbenzene	ND	[1]	(0.2)	[1]	250	(5)	[25]
Gasoline Range Organics (2)	ND	[1]	(100)	[1]	12000	(2500)	[25]
Toluene	ND	[1]	(0.2)	[1]	320	(5)	[25]
Total xylenes	ND	[1]	(0.3)	[1]	970	(7.5)	[25]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)							
4,4'-DDD	ND	[1.020408]	(0.01)	[0.990099]	ND	(0.0099)	[0.985221]
4,4'-DDE	ND	[1.020408]	(0.01)	[0.990099]	ND	(0.0099)	[0.985221]
4,4'-DDT	0.0083 KJB	[1.020408]	(0.02)	[0.990099]	0.016 KJ	(0.02)	[0.985221]
Aldrin	ND	[1.020408]	(0.01)	[0.990099]	0.011 LB	(0.0099)	[0.985221]
Chlordane	ND	[1.020408]	(0.051)	[0.990099]	ND	(0.049)	[0.985221]
Dieldrin	0.0081 JB	[1.020408]	(0.01)	[0.990099]	ND	(0.0099)	[0.985221]
Endosulfan I	ND	[1.020408]	(0.01)	[0.990099]	ND	(0.0099)	[0.985221]
Endosulfan II	ND	[1.020408]	(0.031)	[0.990099]	0.0016 KJB	(0.03)	[0.985221]
Endosulfan Sulfate	0.012 KJB	[1.020408]	(0.051)	[0.990099]	ND	(0.049)	[0.985221]
Endrin	ND	[1.020408]	(0.01)	[0.990099]	0.011 B	(0.0099)	[0.985221]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	06-MW-03	06-MW-04	06-MW-06	06-MW-06-01				
Endrin Aldehyde	0.0056 KJB	(0.02) [1.020408]	0.0059 KJB	(0.02) [0.990099]	0.0053 JB	(0.02) [0.985221]	0.0078 KJB	(0.02) [0.975609]
Heptachlor	ND	(0.01) [1.020408]	0.0041 KJB	(0.0099) [0.990099]	0.0086 PJB	(0.0099) [0.985221]	ND	(0.0098) [0.975609]
Heptachlor epoxide	ND	(0.01) [1.020408]	ND	(0.0099) [0.990099]	0.0068 PJB	(0.0099) [0.985221]	ND	(0.0098) [0.975609]
Methoxychlor	ND	(0.051) [1.020408]	ND	(0.05) [0.990099]	ND	(0.049) [0.985221]	ND	(0.049) [0.975609]
PCB-1016	ND	(0.1) [1.020408]	ND	(0.099) [0.990099]	ND	(0.099) [0.985221]	ND	(0.098) [0.975609]
PCB-1221	ND	(0.2) [1.020408]	ND	(0.2) [0.990099]	ND	(0.2) [0.985221]	ND	(0.2) [0.975609]
PCB-1232	ND	(0.2) [1.020408]	ND	(0.2) [0.990099]	ND	(0.2) [0.985221]	ND	(0.2) [0.975609]
PCB-1242	ND	(0.1) [1.020408]	ND	(0.099) [0.990099]	ND	(0.099) [0.985221]	ND	(0.098) [0.975609]
PCB-1248	ND	(0.1) [1.020408]	ND	(0.099) [0.990099]	ND	(0.099) [0.985221]	ND	(0.098) [0.975609]
PCB-1254	ND	(0.2) [1.020408]	ND	(0.2) [0.990099]	ND	(0.2) [0.985221]	ND	(0.2) [0.975609]
PCB-1260	ND	(0.2) [1.020408]	ND	(0.2) [0.990099]	ND	(0.2) [0.985221]	ND	(0.2) [0.975609]
Toxaphene	ND	(0.51) [1.020408]	ND	(0.5) [0.990099]	ND	(0.49) [0.985221]	ND	(0.49) [0.975609]
alpha-BHC	ND	(0.01) [1.020408]	ND	(0.0099) [0.990099]	ND	(0.0099) [0.985221]	ND	(0.0098) [0.975609]
beta-BHC	ND	(0.01) [1.020408]	ND	(0.0099) [0.990099]	0.0012 PJB	(0.0099) [0.985221]	0.071	(0.0098) [0.975609]
delta-BHC	ND	(0.01) [1.020408]	ND	(0.0099) [0.990099]	0.022 PB	(0.0099) [0.985221]	0.0046 PJB	(0.0098) [0.975609]
gamma-BHC	ND	(0.01) [1.020408]	ND	(0.0099) [0.990099]	0.025 PB	(0.0099) [0.985221]	0.027 B	(0.0098) [0.975609]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
1,2-Dichlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
1,3-Dichlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
1,4-Dichlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,4,5-Trichloropheno	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,4,6-Trichloropheno	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,4-Dichloropheno	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,4-Dimethylpheno	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,4-Dinitrophenol	ND	(53) [1.052631]	ND	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
2,4-Dinitrotoluene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2,6-Dinitrotoluene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2-Chloronaphthalene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2-Chloropheno	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2-Methylnaphthalene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	85	(10) [1.005025]	ND	(10) [0.995024]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	06		06		06		
	06-MW-03-01	06-DS-08 Dup of 06-MW-03-01	06-MW-04	06-MW-04-01	06-MW-06	06-MW-06-01	
LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID		
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
2-Methylphenol(o-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
2-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
2-Nitrophenol	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
3,3'-Dichlorobenzidine	ND	(21) [1.052631]	(20) [0.975609]	ND	(20) [1.005025]	ND	(20) [0.995024]
3-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
4,6-Dinitro-2-methylphenol	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
4-Bromophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
4-Chloro-3-methylphenol	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
4-Chlorophenyl phenyl ether	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
4-Methylphenol(p-cresol)	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
4-Nitroaniline	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
4-Nitrophenol	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
Acenaphthene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Acenaphthylene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzo(a)pyrene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzo(b)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzo(g,h,i)perylene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzo(k)fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Benzoic acid	ND	(53) [1.052631]	(49) [0.975609]	ND	(50) [1.005025]	3.8 J	(50) [0.995024]
Benzyl alcohol	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Butylbenzylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Chrysene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Di-n-octylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Dibenz(a,h)anthracene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Dibenzofuran	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Diethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Dimethylphthalate	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Fluoranthene	ND	(11) [1.052631]	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	06		06		06		06	
	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-04-01	06-MW-04-01	06-MW-06-01	06-MW-06-01
Fluorene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	0.87 J	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorobutadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachlorocyclopentadiene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Hexachloroethane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Indeno(1,2,3-cd)pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Isophorone	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodiphenylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
N-Nitrosodipropylamine	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Naphthalene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	160	(10) [1.005025]	0.69 J	(10) [0.995024]
Nitrobenzene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pentachloropheno1	ND	(53) [1.052631]	ND	(49) [0.975609]	ND	(50) [1.005025]	ND	(50) [0.995024]
Phenanthrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	0.69 J	(10) [0.995024]
Pheno1	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
Pyrene	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethoxy)methane	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroethyl)ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Chloroisopropyl)ether	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]
bis(2-Ethylhexyl)phthalate	1.6 JB	(11) [1.052631]	1.7 JB	(9.8) [0.975609]	2.5 JB	(10) [1.005025]	3.1 JB	(10) [0.995024]
p-Chloroaniline	ND	(11) [1.052631]	ND	(9.8) [0.975609]	ND	(10) [1.005025]	ND	(10) [0.995024]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	06		06		07		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	06-SW-01	06-SW-01	06-SW-02	06-SW-02-01	07-MW-01	07-MW-01-01	
	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-02-01				
SW8010 - Halogenated Volatile Organics (ug/L)							
1,1,1,2-Tetrachloroethane	ND	[2]	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	[2]	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	[2]	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	[2]	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	[2]	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	[2]	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	[2]	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	ND	[2]	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	ND	[2]	(0.15)	[1]	0.42	(0.15)	[1]
1,2-Dichloropropane	ND	[2]	(0.3)	[1]	ND	(0.3)	[1]
1,3-Dichlorobenzene	ND	[2]	(0.64)	[1]	ND	(0.64)	[1]
1,4-Dichlorobenzene	ND	[2]	(0.5)	[1]	ND	(0.5)	[1]
1-Chlorohexane	ND	[2]	(6.8)	[1]	ND	(6.8)	[1]
2-Chloroethylvinylether	ND	[2]	(1.2)	[1]	ND	(1.2)	[1]
Bromobenzene	ND	[2]	(3.2)	[1]	ND	(3.2)	[1]
Bromodichloromethane	ND	[2]	(0.2)	[1]	ND	(0.2)	[1]
Bromoform	ND	[2]	(1)	[1]	ND	(1)	[1]
Bromomethane	ND	[2]	(0.7)	[1]	ND	(0.7)	[1]
Carbon tetrachloride	ND	[2]	(0.7)	[1]	ND	(0.7)	[1]
Chlorobenzene	ND	[2]	(0.6)	[1]	ND	(0.6)	[1]
Chloroethane	ND	[2]	(1.4)	[1]	ND	(1.4)	[1]
Chloroform	ND	[2]	(0.3)	[1]	ND	(0.3)	[1]
Chloromethane	ND	[2]	(1)	[1]	ND	(1)	[1]
Dibromochloromethane	ND	[2]	(0.4)	[1]	ND	(0.4)	[1]
Dibromomethane	ND	[2]	(3.2)	[1]	ND	(3.2)	[1]
Methylene chloride	ND	[2]	(0.8)	[1]	ND	(0.8)	[1]
Tetrachloroethene	ND	[2]	(0.2)	[1]	ND	(0.2)	[1]
Trichloroethene	ND	[2]	(0.4)	[1]	ND	(0.4)	[1]
Trichlorofluoromethane	ND	[2]	(1.1)	[1]	ND	(1.1)	[1]
Vinyl chloride	ND	[2]	(0.5)	[1]	ND	(0.5)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID												
	06		06		07								
	LOCATION ID	06-SW-01	06-SW-02	06-SW-01	06-SW-02	07-MW-01							
	06-SW-01-01	06-SW-01-01	06-SW-02-01	06-SW-02-01	06-SW-02-01	07-MW-01-01							
	06-SW-01-01	06-SW-01-01	06-SW-02-01	06-SW-02-01	06-SW-02-01	07-MW-01-01							
SW8015 - Nonhalogenated Volatile Organics (ug/L)													
Ethanol	ND	(0.4)	[2]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)													
Diesel Range Organics (2)	5900	(960)	[4.81]	6000	(960)	[4.81]	22000	(2000)	[10.1]	22000	(2000)	[10.1]	[0.985]
SW8020 - Aromatic Volatile Organics (ug/L)													
1,2-Dichlorobenzene	0.5	(0.4)	[1]	0.62	(0.4)	[1]	19	(4)	[10]	19	(4)	[10]	[1]
1,3-Dichlorobenzene	0.51	(0.2)	[1]	ND	(0.2)	[1]	ND	(2)	[10]	ND	(2)	[10]	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(4)	[10]	ND	(4)	[10]	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	76	(3)	[10]	ND	(3)	[10]	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(2)	[10]	ND	(2)	[10]	[1]
Ethylbenzene	0.36	(0.2)	[1]	0.26	(0.2)	[1]	3	(2)	[10]	3	(2)	[10]	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	1100	(1000)	[10]	1100	(1000)	[10]	[1]
Toluene	1.1	(0.2)	[1]	0.8	(0.2)	[1]	60	(2)	[10]	60	(2)	[10]	[1]
Total xylenes	8.7	(0.3)	[1]	8.1	(0.3)	[1]	57	(3)	[10]	57	(3)	[10]	[1]
SW8080 - Organochlorine Pesticides and PCBs													
4,4'-DDD	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.956937]	0.25	(0.0095)	[0.952380]	0.25	(0.0095)	[0.952380]	[0.980392]
4,4'-DDE	ND	(0.0096)	[0.961538]	0.0001 PJB	(0.0096)	[0.956937]	0.023	(0.0095)	[0.952380]	0.023	(0.0095)	[0.952380]	[0.980392]
4,4'-DDT	0.0066 JB	(0.019)	[0.961538]	0.0062 JB	(0.019)	[0.956937]	0.0013 PJB	(0.019)	[0.952380]	0.014 KJ	(0.02)	[0.980392]	[0.980392]
Aldrin	0.013 B	(0.0096)	[0.961538]	0.014 B	(0.0096)	[0.956937]	0.015 B	(0.0095)	[0.952380]	0.014 B	(0.0098)	[0.980392]	[0.980392]
Chlordane	ND	(0.048)	[0.961538]	ND	(0.048)	[0.956937]	ND	(0.048)	[0.952380]	ND	(0.049)	[0.980392]	[0.980392]
Dieldrin	0.0068 JB	(0.0096)	[0.961538]	0.0072 JB	(0.0096)	[0.956937]	ND	(0.0095)	[0.952380]	0.012	(0.0098)	[0.980392]	[0.980392]
Endosulfan I	0.0067 JB	(0.0096)	[0.961538]	0.0049 KJB	(0.0096)	[0.956937]	0.009 JB	(0.0095)	[0.952380]	0.0028 PJB	(0.0098)	[0.980392]	[0.980392]
Endosulfan II	0.019 KJB	(0.029)	[0.961538]	0.0063 PJB	(0.029)	[0.956937]	0.02 KJB	(0.029)	[0.952380]	ND	(0.029)	[0.980392]	[0.980392]
Endosulfan Sulfate	ND	(0.048)	[0.961538]	ND	(0.048)	[0.956937]	ND	(0.048)	[0.952380]	0.034 KJB	(0.049)	[0.980392]	[0.980392]
Endrin	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.956937]	ND	(0.0095)	[0.952380]	ND	(0.0098)	[0.980392]	[0.980392]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	06			06			07		
	06-SW-01			06-SW-02			07-MW-01		
	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-01	06-SW-02-01	06-SW-02-01	07-MW-01-01	07-MW-01-01	07-MW-01-01	07-MW-01-01
Endrin Aldehyde	0.0071 KJB	(0.019) [0.961538]	0.013 KJB	(0.019) [0.956937]	0.0025 KJB	(0.019) [0.952380]	0.0069 KJB	(0.02) [0.980392]	
Heptachlor	0.0098 B	(0.0096) [0.961538]	0.0049 JB	(0.0096) [0.956937]	0.0003 PJB	(0.0095) [0.952380]	0.0049 KJB	(0.0098) [0.980392]	
Heptachlor epoxide	0.0064 PJB	(0.0096) [0.961538]	0.017 B	(0.0096) [0.956937]	0.43 P	(0.0095) [0.952380]	0.0039 PJB	(0.0098) [0.980392]	
Methoxychlor	ND	(0.048) [0.961538]	ND	(0.048) [0.956937]	ND	(0.048) [0.952380]	ND	(0.049) [0.980392]	
PCB-1016	ND	(0.096) [0.961538]	ND	(0.096) [0.956937]	ND	(0.095) [0.952380]	ND	(0.098) [0.980392]	
PCB-1221	ND	(0.19) [0.961538]	ND	(0.19) [0.956937]	ND	(0.19) [0.952380]	ND	(0.2) [0.980392]	
PCB-1232	ND	(0.19) [0.961538]	ND	(0.19) [0.956937]	ND	(0.19) [0.952380]	ND	(0.2) [0.980392]	
PCB-1242	ND	(0.096) [0.961538]	ND	(0.096) [0.956937]	ND	(0.095) [0.952380]	ND	(0.098) [0.980392]	
PCB-1248	ND	(0.096) [0.961538]	ND	(0.096) [0.956937]	ND	(0.095) [0.952380]	ND	(0.098) [0.980392]	
PCB-1254	ND	(0.19) [0.961538]	ND	(0.19) [0.956937]	ND	(0.19) [0.952380]	ND	(0.2) [0.980392]	
PCB-1260	ND	(0.19) [0.961538]	ND	(0.19) [0.956937]	ND	(0.19) [0.952380]	ND	(0.2) [0.980392]	
Toxaphene	ND	(0.48) [0.961538]	ND	(0.48) [0.956937]	ND	(0.48) [0.952380]	ND	(0.49) [0.980392]	
alpha-BHC	ND	(0.0096) [0.961538]	ND	(0.0096) [0.956937]	0.013 PB	(0.0095) [0.952380]	ND	(0.0098) [0.980392]	
beta-BHC	0.027	(0.0096) [0.961538]	ND	(0.0096) [0.956937]	0.03	(0.0095) [0.952380]	ND	(0.0098) [0.980392]	
delta-BHC	0.031	(0.0096) [0.961538]	0.025	(0.0096) [0.956937]	0.011 PB	(0.0095) [0.952380]	0.017 B	(0.0098) [0.980392]	
gamma-BHC	ND	(0.0096) [0.961538]	0.02 B	(0.0096) [0.956937]	0.018 B	(0.0095) [0.952380]	0.012 B	(0.0098) [0.980392]	
SW8270 - Semivolatile Organics (ug/L)									
1,2,4-Trichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
1,2-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
1,3-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
1,4-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2,4,5-Trichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2,4,6-Trichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2,4-Dichlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2,4-Dimethylphenol	ND	(49) [0.980392]	ND	(50) [1]	ND	(48) [0.952380]	ND	(49) [0.975609]	
2,4-Dinitrophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2,6-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2-Chloronaphthalene	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2-Chlorophenol	ND	(9.8) [0.980392]	ND	(10) [1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]	
2-Methylnaphthalene	1.9 J	(9.8) [0.980392]	1.3 J	(10) [1]	70	(9.5) [0.952380]	ND	(9.8) [0.975609]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				PARAMETER	SITE ID			
	06		06			06		07	
	06-SW-01	06-SW-01	06-SW-01	06-SW-01		06-SW-01	06-SW-01	07-MW-01	
	06-SW-01-01	06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-02	06-SW-02-01		07-MW-01-01		
2-Methylphenol(o-cresol)	ND	(9.8) [0.980392]	ND	(10)	[1]	22	(9.5) [0.952380]	ND	(9.8) [0.975609]
2-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
2-Nitrophenol	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
3,3'-Dichlorobenzidine	ND	(20) [0.980392]	ND	(20)	[1]	ND	(19) [0.952380]	ND	(20) [0.975609]
3-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
4,6-Dinitro-2-methylphenol	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
4-Bromophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
4-Chloro-3-methylphenol	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
4-Methylphenol(p-cresol)	ND	(9.8) [0.980392]	ND	(10)	[1]	90	(9.5) [0.952380]	ND	(9.8) [0.975609]
4-Nitroaniline	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
4-Nitrophenol	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
Acenaphthene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Acenaphthylene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzo(a)anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzo(a)pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzo(b)fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzo(g,h,i)perylene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzo(k)fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Benzoic acid	8.2 J	(49) [0.980392]	14 J	(50)	[1]	68	(48) [0.952380]	ND	(49) [0.975609]
Benzyl alcohol	1.9 J	(9.8) [0.980392]	1.6 J	(10)	[1]	7.5 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
Butylbenzylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Chrysene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Di-n-octylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Dibenz(a,h)anthracene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Dibenzofuran	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Dibutylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Diethylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Dimethylphthalate	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Fluoranthene	ND	(9.8) [0.980392]	ND	(10)	[1]	0.18 J	(9.5) [0.952380]	ND	(9.8) [0.975609]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	06		06		07				
	LOCATION ID SAMPLE ID	06-SW-01 06-SW-01-01	06-SW-01 06-SW-01-01	06-SW-02 06-SW-02-01	06-SW-01 06-SW-01-01	07-MW-01 07-MW-01-01			
Fluorene	ND	(9.8) [0.980392]	ND	(10)	[1]	3.4 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorobutadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Hexachloroethane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Isophorone	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Naphthalene	1.7 J	(9.8) [0.980392]	1.5 J	(10)	[1]	49	(9.5) [0.952380]	ND	(9.8) [0.975609]
Nitrobenzene	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pentachloropheno1	ND	(49) [0.980392]	ND	(50)	[1]	ND	(48) [0.952380]	ND	(49) [0.975609]
Phenanthrene	ND	(9.8) [0.980392]	ND	(10)	[1]	1.3 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pheno1	ND	(9.8) [0.980392]	ND	(10)	[1]	53	(9.5) [0.952380]	ND	(9.8) [0.975609]
Pyrene	ND	(9.8) [0.980392]	ND	(10)	[1]	0.21 J	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroethyl) ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Chloroisopropyl) ether	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]
bis(2-Ethylhexyl) phthalate	1.1 JB	(9.8) [0.980392]	53	(10)	[1]	5 JB	(9.5) [0.952380]	3.5 JB	(9.8) [0.975609]
p-Chloroaniline	ND	(9.8) [0.980392]	ND	(10)	[1]	ND	(9.5) [0.952380]	ND	(9.8) [0.975609]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		07	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	07-DS-09 Dup of 07-MW-01-01	07-MW-02 07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-03 07-MW-03-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	ND	ND	ND	ND
1,1,1-Trichloroethane	(2.5) (0.55)	(2.5) (0.55)	(2.5) (0.55)	(2.5) (0.55)
1,1,2,2-Tetrachloroethane	(0.3) [1]	(0.3) [1]	(0.3) [1]	(0.3) [1]
1,1,2-Trichloroethane	(0.2) [1]	(0.2) [1]	(0.2) [1]	(0.2) [1]
1,1-Dichloroethane	(0.5) [1]	(0.5) [1]	(0.5) [1]	(0.5) [1]
1,1-Dichloroethene	(0.7) [1]	(0.7) [1]	(0.7) [1]	(0.7) [1]
1,2,3-Trichloropropane	(1.6) [1]	(1.6) [1]	(1.6) [1]	(1.6) [1]
1,2-Dichlorobenzene	(0.25) [1]	(0.25) [1]	(0.25) [1]	(0.25) [1]
1,2-Dichloroethane	(0.15) [1]	(0.15) [1]	(0.15) [1]	(0.15) [1]
1,2-Dichloropropane	(0.15) [1]	(0.15) [1]	(0.15) [1]	(0.15) [1]
1,3-Dichlorobenzene	(0.32) [1]	(0.32) [1]	(0.32) [1]	(0.32) [1]
1,4-Dichlorobenzene	(0.25) [1]	(0.25) [1]	(0.25) [1]	(0.25) [1]
1-Chlorohexane	(3.4) [1]	(3.4) [1]	(3.4) [1]	(3.4) [1]
2-Chloroethylvinylether	(0.6) [1]	(0.6) [1]	(0.6) [1]	(0.6) [1]
Bromobenzene	(1.6) [1]	(1.6) [1]	(1.6) [1]	(1.6) [1]
Bromodichloromethane	(0.1) [1]	(0.1) [1]	(0.1) [1]	(0.1) [1]
Bromoform	(0.5) [1]	(0.5) [1]	(0.5) [1]	(0.5) [1]
Bromomethane	(0.35) [1]	(0.35) [1]	(0.35) [1]	(0.35) [1]
Carbon tetrachloride	(0.35) [1]	(0.35) [1]	(0.35) [1]	(0.35) [1]
Chlorobenzene	(0.3) [1]	(0.3) [1]	(0.3) [1]	(0.3) [1]
Chloroethane	(0.7) [1]	(0.7) [1]	(0.7) [1]	(0.7) [1]
Chloroform	(0.15) [1]	(0.15) [1]	(0.15) [1]	(0.15) [1]
Chloromethane	(0.5) [1]	(0.5) [1]	(0.5) [1]	(0.5) [1]
Dibromochloromethane	(0.2) [1]	(0.2) [1]	(0.2) [1]	(0.2) [1]
Dibromomethane	(1.6) [1]	(1.6) [1]	(1.6) [1]	(1.6) [1]
Methylene chloride	(0.4) [1]	(0.4) [1]	(0.4) [1]	(0.4) [1]
Tetrachloroethene	(0.1) [1]	(0.1) [1]	(0.1) [1]	(0.1) [1]
Trichloroethene	(0.2) [1]	(0.2) [1]	(0.2) [1]	(0.2) [1]
Trichlorofluoromethane	(0.55) [1]	(0.55) [1]	(0.55) [1]	(0.55) [1]
Vinyl chloride	(0.25) [1]	(0.25) [1]	(0.25) [1]	(0.25) [1]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	07		07						
	LOCATION ID	07-MW-02	07-MW-02	07-MW-03					
SAMPLE ID	07-MW-02-01	07-MW-02 Dup of 07-MW-01-01	07-MW-02-01 Dup of 07-MW-02-01	07-MW-03-01					
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)									
Ethanol	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)									
Diesel Range Organics (2)	ND	(190)	[0.957]	ND	(190)	[0.966]	ND	(190)	[0.952]
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)									
4,4'-DDD	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
4,4'-DDE	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
4,4'-DDT	0.0009 PJB	(0.019)	[0.966183]	ND	(0.019)	[0.952380]	ND	(0.019)	[0.961538]
Aldrin	0.012 B	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
Chlordane	ND	(0.048)	[0.966183]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.961538]
Dieldrin	0.012	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	0.0069 KJB	(0.0096)	[0.961538]
Endosulfan I	0.0046 KJB	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]
Endosulfan II	0.0024 KJB	(0.029)	[0.966183]	0.0022 KJB	(0.029)	[0.952380]	0.0015 KJB	(0.029)	[0.961538]
Endosulfan Sulfate	0.012 KJB	(0.048)	[0.966183]	0.01 JB	(0.048)	[0.952380]	0.0098 JB	(0.048)	[0.961538]
Endrin	ND	(0.0097)	[0.966183]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	07		07		07	
	07-MW-01 07-DS-09 Dup of 07-MW-01-01	07-MW-02 07-MW-02-01	07-MW-02 07-DS-10 Dup of 07-MW-02-01	07-MW-03 07-MW-03-01	07-MW-03 07-MW-03-01	07-MW-03 07-MW-03-01
Endrin Aldehyde	0.0063 KJB (0.019) [0.966183]	ND (0.019) [0.952380]	0.0037 KJB (0.019) [0.961538]	0.0003 KJB (0.019) [0.961538]	0.0003 KJB (0.019) [0.961538]	0.0003 KJB (0.019) [0.961538]
Heptachlor	0.0054 KJB (0.0097) [0.966183]	0.0071 JB (0.0095) [0.952380]	0.0035 PJB (0.0096) [0.961538]	0.0067 JB (0.0096) [0.961538]	0.0067 JB (0.0096) [0.961538]	0.0067 JB (0.0096) [0.961538]
Heptachlor epoxide	0.0028 PJB (0.0097) [0.966183]	0.0039 KJB (0.0095) [0.952380]	ND (0.0096) [0.961538]	0.0058 KJB (0.0096) [0.961538]	0.0058 KJB (0.0096) [0.961538]	0.0058 KJB (0.0096) [0.961538]
Methoxychlor	ND (0.048) [0.966183]	ND (0.048) [0.952380]	ND (0.048) [0.961538]	0.0029 KJ (0.048) [0.961538]	0.0029 KJ (0.048) [0.961538]	0.0029 KJ (0.048) [0.961538]
PCB-1016	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.097) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1221	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1232	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1242	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.097) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1248	ND (0.097) [0.966183]	ND (0.095) [0.952380]	ND (0.097) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]	ND (0.096) [0.961538]
PCB-1254	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
PCB-1260	ND (0.19) [0.966183]	ND (0.19) [0.952380]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]	ND (0.19) [0.961538]
Toxaphene	ND (0.48) [0.966183]	ND (0.48) [0.952380]	ND (0.48) [0.961538]	ND (0.48) [0.961538]	ND (0.48) [0.961538]	ND (0.48) [0.961538]
alpha-BHC	ND (0.0097) [0.966183]	ND (0.0095) [0.952380]	ND (0.0097) [0.961538]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]
beta-BHC	0.0056 PJB (0.0097) [0.966183]	0.004 PJB (0.0095) [0.952380]	0.024 (0.0096) [0.961538]	0.0089 KJB (0.0096) [0.961538]	0.0089 KJB (0.0096) [0.961538]	0.0089 KJB (0.0096) [0.961538]
delta-BHC	0.018 B (0.0097) [0.966183]	ND (0.0095) [0.952380]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]	ND (0.0096) [0.961538]
gamma-BHC	0.015 B (0.0097) [0.966183]	0.01 B (0.0095) [0.952380]	0.0097 B (0.0096) [0.961538]	0.0083 PJB (0.0096) [0.961538]	0.0083 PJB (0.0096) [0.961538]	0.0083 PJB (0.0096) [0.961538]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
1,2-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
1,3-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
1,4-Dichlorobenzene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,4,5-Trichloropheno1	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,4,6-Trichloropheno1	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,4-Dichloropheno1	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,4-Dimethylpheno1	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,4-Dinitrophenol	ND (48) [0.966183]	ND (48) [0.952380]	ND (48) [0.952380]	ND (49) [0.970873]	ND (49) [0.970873]	ND (49) [0.970873]
2,4-Dinitrotoluene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2,6-Dinitrotoluene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2-Chloronaphthalene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2-Chloropheno1	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]
2-Methylnaphthalene	ND (9.7) [0.966183]	ND (9.5) [0.952380]	ND (9.5) [0.952380]	ND (9.7) [0.970873]	ND (9.7) [0.970873]	ND (9.7) [0.970873]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		07	
	07-DS-09 Dup of 07-MW-01-01	07-MW-02 07-MW-02-01	07-DS-10 Dup of 07-MW-02-01	07-MW-03 07-MW-03-01
2-Methylphenol(o-cresol)	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
2-Nitroaniline	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
2-Nitrophenol	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
3,3'-Dichlorobenzidine	ND	(19) [0.966183]	(19) [0.952380]	(19) [0.970873]
3-Nitroaniline	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
4,6-Dinitro-2-methylphenol	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
4-Bromophenyl phenyl ether	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
4-Chloro-3-methylphenol	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
4-Chlorophenyl phenyl ether	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
4-Methylphenol(p-cresol)	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
4-Nitroaniline	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
4-Nitrophenol	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Acenaphthene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Acenaphthylene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Anthracene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzo(a)anthracene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzo(a)pyrene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzo(b)fluoranthene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzo(g,h,i)perylene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzo(k)fluoranthene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Benzoic acid	ND	(48) [0.966183]	(48) [0.952380]	(49) [0.970873]
Benzyl alcohol	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Butylbenzylphthalate	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Chrysene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Di-n-octylphthalate	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Dibenz(a,h)anthracene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Dibenzofuran	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Dibutylphthalate	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Diethylphthalate	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Dimethylphthalate	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]
Fluoranthene	ND	(9.7) [0.966183]	(9.5) [0.952380]	(9.7) [0.970873]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		07	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	07-MM-01	07-MM-02	07-MM-02	07-MM-03
	07-DS-09 Dup of 07-MM-01-01	07-MM-02-01	07-DS-10 Dup of 07-MM-02-01	07-MM-03-01
Fluorene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Hexachlorobenzene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Hexachlorobutadiene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Hexachlorocyclopentadiene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Hexachloroethane	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Indeno(1,2,3-cd)pyrene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Isophorone	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
N-Nitrosodiphenylamine	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
N-Nitrosodipropylamine	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Naphthalene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Nitrobenzene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Pentachloropheno1	ND	(48) [0.966183]	ND	(48) [0.952380]
Phenanthrene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Pheno1	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
Pyrene	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
bis(2-Chloroethoxy)methane	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
bis(2-Chloroethyl) ether	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
bis(2-Chloroisopropyl) ether	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
bis(2-Ethylhexyl) phthalate	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]
p-Chloroaniline	ND	(9.7) [0.966183]	ND	(9.5) [0.952380]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				CONCENTRATION (ug/L)	[] = Detection Limit	[] = Factor	ND = Not Detected	NA = Not Applicable
	07		09						
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
SW8010 - Halogenated Volatile Organics									
1,1,1,2-Tetrachloroethane	07-MW-04	07-SW-01	07-SW-02	09-MW-01	ND	[1]	ND	[1]	(2.5)
1,1,1-Trichloroethane	07-MW-04-01	07-SW-01-01	07-SW-02-01	09-MW-01-01	8.6	[1]	ND	[1]	(0.55)
1,1,2,2-Tetrachloroethane					ND	[1]	ND	[1]	(0.3)
1,1,2-Trichloroethane					ND	[1]	ND	[1]	(0.2)
1,1-Dichloroethane					ND	[1]	ND	[1]	(0.5)
1,1-Dichloroethene					ND	[1]	ND	[1]	(0.7)
1,2,3-Trichloropropane					ND	[1]	ND	[1]	(1.6)
1,2-Dichlorobenzene					ND	[1]	ND	[1]	(0.25)
1,2-Dichloroethane					ND	[1]	ND	[1]	(0.15)
1,2-Dichloropropane					ND	[1]	ND	[1]	(0.15)
1,3-Dichlorobenzene					ND	[1]	ND	[1]	(0.32)
1,4-Dichlorobenzene					ND	[1]	ND	[1]	(0.25)
1-Chlorohexane					ND	[1]	ND	[1]	(3.4)
2-Chloroethylvinylether					ND	[1]	ND	[1]	(0.6)
Bromobenzene					ND	[1]	ND	[1]	(1.6)
Bromodichloromethane					ND	[1]	ND	[1]	(0.1)
Bromoform					ND	[1]	ND	[1]	(0.5)
Bromomethane					ND	[1]	ND	[1]	(0.35)
Carbon tetrachloride					ND	[1]	ND	[1]	(0.35)
Chlorobenzene					ND	[1]	ND	[1]	(0.3)
Chloroethane					ND	[1]	ND	[1]	(0.7)
Chloroform					0.61 B	[1]	ND	[1]	(0.15)
Chloromethane					ND	[1]	ND	[1]	(0.5)
Dibromochloromethane					ND	[1]	ND	[1]	(0.2)
Dibromomethane					ND	[1]	ND	[1]	(1.6)
Methylene chloride					ND	[1]	ND	[1]	(0.4)
Tetrachloroethene					ND	[1]	ND	[1]	(0.1)
Trichloroethene					ND	[1]	ND	[1]	(0.2)
Trichlorofluoromethane					ND	[1]	ND	[1]	(0.55)
Vinyl chloride					ND	[1]	ND	[1]	(0.25)

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				CONCENTRATION (ug/L)	UNIT	DETECTION LIMIT (ug/L)	FACTOR	07			09				
	LOCATION ID		SAMPLE ID						07-SW-01		07-SW-02		09-MW-01		09-MW-01-01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					CONCENTRATION	UNIT	CONCENTRATION	UNIT	CONCENTRATION	UNIT	CONCENTRATION	UNIT
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]	0.46 P	(0.25)	[1]	ND	(0.25)	[1]	
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]	
SW8015 - Nonhalogenated Volatile Organics (ug/L)	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	
Ethanol	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]	
Ethyl ether	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]	
Methyl ethyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]	
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)	ND	(220)	[1.09]	3500	(950)	[4.76]	2900	(400)	[2]	ND	(190)	[0.971]	ND	(190)	[0.971]	
Diesel Range Organics (2)	ND	(0.4)	[1]	1.5	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	
SW8020 - Aromatic Volatile Organics (ug/L)	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	
1,2-Dichlorobenzene	ND	(0.4)	[1]	0.4 P	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]	
1,3-Dichlorobenzene	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]	110	(3)	[10]	ND	(3)	[10]	
1,4-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	
Benzene	0.25	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	16	(2)	[10]	ND	(2)	[10]	
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]	1500	(1000)	[10]	ND	(1000)	[10]	
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]	2.8	(0.2)	[1]	ND	(2)	[10]	ND	(2)	[10]	
Gasoline Range Organics (2)	ND	(0.3)	[1]	1.4	(0.3)	[1]	ND	(0.3)	[1]	9	(3)	[10]	ND	(3)	[10]	
Toluene	ND	(0.01)	[1.020408]	0.81	(0.0095)	[0.952380]	0.34	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Total xylenes	0.0097 KJB	(0.01)	[1.020408]	0.046	(0.0095)	[0.952380]	0.032	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	ND	(0.02)	[1.020408]	0.0052 PJB	(0.019)	[0.952380]	0.004 PJB	(0.019)	[0.952380]	0.0015 PJB	(0.019)	[0.961538]	ND	(0.019)	[0.961538]	
4,4'-DDD	ND	(0.01)	[1.020408]	0.019 B	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
4,4'-DDE	ND	(0.051)	[1.020408]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.961538]	ND	(0.048)	[0.961538]	
4,4'-DDT	0.0074 KJB	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	0.011	(0.0095)	[0.952380]	0.0084 KJB	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Aldrin	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Chlordane	ND	(0.031)	[1.020408]	0.028 KJB	(0.029)	[0.952380]	0.019 KJB	(0.029)	[0.952380]	ND	(0.029)	[0.961538]	ND	(0.029)	[0.961538]	
Dieldrin	0.013 KJB	(0.051)	[1.020408]	ND	(0.048)	[0.952380]	ND	(0.048)	[0.952380]	0.0053 KJB	(0.048)	[0.961538]	ND	(0.048)	[0.961538]	
Endosulfan I	0.0092 JB	(0.01)	[1.020408]	0.0013 KJB	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Endosulfan II	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Endosulfan Sulfate	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	
Endrin	ND	(0.01)	[1.020408]	ND	(0.0095)	[0.952380]	ND	(0.0095)	[0.952380]	ND	(0.0096)	[0.961538]	ND	(0.0096)	[0.961538]	

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	07		07		09	
	07-MW-04 07-SW-04-01	07-SW-01 07-SW-01-01	07-SW-02 07-SW-02-01	07-SW-02 07-SW-02-01	09-MW-01 09-MW-01-01	09-MW-01 09-MW-01-01
Endrin Aldehyde	0.0007 KJB (0.02) [1.020408]	0.0037 KJB (0.019) [0.952380]	0.0006 PJB (0.019) [0.952380]	0.0057 KJB (0.019) [0.952380]	(0.019) [0.961538]	(0.019) [0.961538]
Heptachlor	ND	0.0051 KJB (0.0095) [0.952380]	0.0081 KJB (0.0095) [0.952380]	ND	(0.0096) [0.961538]	(0.0096) [0.961538]
Heptachlor epoxide	ND	0.0069 PJB (0.0095) [0.952380]	0.018 PB (0.0095) [0.952380]	0.0032 PJB (0.0096) [0.961538]	(0.0096) [0.961538]	(0.0096) [0.961538]
Methoxychlor	ND	0.0065 J (0.048) [0.952380]	0.036 J (0.048) [0.952380]	ND	(0.048) [0.961538]	(0.048) [0.961538]
PCB-1016	ND	ND	ND	ND	(0.096) [0.961538]	(0.096) [0.961538]
PCB-1221	ND	ND	ND	ND	(0.19) [0.961538]	(0.19) [0.961538]
PCB-1232	ND	ND	ND	ND	(0.19) [0.961538]	(0.19) [0.961538]
PCB-1242	ND	ND	ND	ND	(0.096) [0.961538]	(0.096) [0.961538]
PCB-1248	ND	ND	ND	ND	(0.096) [0.961538]	(0.096) [0.961538]
PCB-1254	ND	ND	ND	ND	(0.19) [0.961538]	(0.19) [0.961538]
PCB-1260	ND	ND	ND	ND	(0.19) [0.961538]	(0.19) [0.961538]
Toxaphene	ND	ND	ND	ND	(0.48) [0.961538]	(0.48) [0.961538]
alpha-BHC	0.0077 JB (0.01) [1.020408]	0.02 (0.0095) [0.952380]	0.0058 PJB (0.0095) [0.952380]	ND	(0.0096) [0.961538]	(0.0096) [0.961538]
beta-BHC	ND	0.0024 KJB (0.0095) [0.952380]	ND	0.0055 KJB (0.0096) [0.961538]	(0.0096) [0.961538]	(0.0096) [0.961538]
delta-BHC	ND	0.02 PB (0.0095) [0.952380]	0.036 P (0.0095) [0.952380]	0.017 B (0.0096) [0.961538]	(0.0096) [0.961538]	(0.0096) [0.961538]
gamma-BHC	ND	ND	ND	0.012 B (0.0096) [0.961538]	(0.0096) [0.961538]	(0.0096) [0.961538]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
1,2-Dichlorobenzene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
1,3-Dichlorobenzene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
1,4-Dichlorobenzene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,4,5-Trichlorophenol	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,4,6-Trichlorophenol	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,4-Dichlorophenol	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,4-Dimethylphenol	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,4-Dinitrophenol	ND	(52) [1.036269]	ND	ND	(50) [0.990099]	(50) [0.990099]
2,4-Dinitrotoluene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2,6-Dinitrotoluene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2-Chloronaphthalene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2-Chlorophenol	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]
2-Methylnaphthalene	ND	(10) [1.036269]	ND	ND	(9.9) [0.990099]	(9.9) [0.990099]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		09	
	07-MW-04	07-SW-01	07-SW-02	09-MW-01
	07-MW-04-01	07-SW-01-01	07-SW-02-01	09-MW-01-01
	ND	ND	ND	ND
2-Methylphenol (o-cresol)	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
2-Nitroaniline	(52) [1.036269]	(47) [0.943396]	(47) [0.943396]	(50) [0.990099]
2-Nitrophenol	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
3,3'-Dichlorobenzidine	(21) [1.036269]	(19) [0.943396]	(19) [0.943396]	(20) [0.990099]
3-Nitroaniline	(52) [1.036269]	(47) [0.943396]	(47) [0.943396]	(50) [0.990099]
4,6-Dinitro-2-methylphenol	(52) [1.036269]	(47) [0.943396]	(47) [0.943396]	(50) [0.990099]
4-Bromophenyl phenyl ether	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
4-Chloro-3-methylphenol	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
4-Chlorophenyl phenyl ether	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
4-Methylphenol (p-cresol)	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
4-Nitroaniline	(52) [1.036269]	(47) [0.943396]	(47) [0.943396]	(50) [0.990099]
4-Nitrophenol	(52) [1.036269]	(47) [0.943396]	(47) [0.943396]	(50) [0.990099]
Acenaphthene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Acenaphthylene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Anthracene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzo(a)anthracene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzo(a)pyrene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzo(b)fluoranthene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzo(g,h,i)perylene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzo(k)fluoranthene	(10) [1.036269]	(9.4) [0.943396]	(9.4) [0.943396]	(9.9) [0.990099]
Benzoic acid	4.3 J (52) [1.036269]	8.7 J (47) [0.943396]	2.8 J (47) [0.943396]	1.5 J (50) [0.990099]
Benzyl alcohol	ND	ND	ND	ND
Butylbenzylphthalate	ND	ND	ND	ND
Chrysene	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND
Dibenz(a,h)anthracene	ND	ND	ND	ND
Dibenzofuran	ND	ND	ND	ND
Dibutylphthalate	ND	0.42 J	ND	ND
Diethylphthalate	ND	(10) [1.036269]	(9.4) [0.943396]	(9.9) [0.990099]
Dimethylphthalate	ND	(10) [1.036269]	(9.4) [0.943396]	(9.9) [0.990099]
Fluoranthene	ND	(10) [1.036269]	(9.4) [0.943396]	(9.9) [0.990099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	07		09			
	LOCATION ID SAMPLE ID	07-SW-01 07-SW-01-01	LOCATION ID SAMPLE ID	09-MW-01 09-MW-01-01		
Fluorene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorobutadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachlorocyclopentadiene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Hexachloroethane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Isophorone	ND	(10) [1.036269]	1 J	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodiphenylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
N-Nitrosodipropylamine	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Naphthalene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Nitrobenzene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pentachloropheno1	ND	(52) [1.036269]	ND	(47) [0.943396]	ND	(50) [0.990099]
Phenanthrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pheno1	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
Pyrene	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethoxy)methane	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroethyl)ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Chloroisopropyl)ether	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]
bis(2-Ethylhexyl)phthalate	ND	(10) [1.036269]	0.72 JB	(9.4) [0.943396]	4.3 JB	(9.9) [0.990099]
p-Chloroaniline	ND	(10) [1.036269]	ND	(9.4) [0.943396]	ND	(9.9) [0.990099]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				09 09-DS-07 Dup of 09-MW-01-01	09 09-MW-02 09-MW-02-01	09 09-MW-03 09-MW-03-01	09 09-DS-08 Dup of 09-MW-03-01	09 09-MW-03
	LOCATION ID								
	SAMPLE ID								
SW8010 - Halogenated Volatile Organics (ug/L)	ND	(2.5)	[1]	ND	(2.5)	[1]	ND	(2.5)	[1]
1,1,1,2-Tetrachloroethane	ND	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
1,1,1-Trichloroethane	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,1,2-Trichloroethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethane	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
1,1-Dichloroethene	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
1,2,3-Trichloropropane	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichlorobenzene	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
1,2-Dichloropropane	ND	(0.32)	[1]	ND	(0.32)	[1]	ND	(0.32)	[1]
1,3-Dichlorobenzene	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
1,4-Dichlorobenzene	ND	(3.4)	[1]	ND	(3.4)	[1]	ND	(3.4)	[1]
1-Chlorohexane	ND	(0.6)	[1]	ND	(0.6)	[1]	ND	(0.6)	[1]
2-Chloroethylvinylether	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Bromobenzene	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Bromodichloromethane	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Bromoform	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Bromomethane	ND	(0.35)	[1]	ND	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.7)	[1]	ND	(0.7)	[1]	ND	(0.7)	[1]
Chloroethane	ND	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
Chloroform	ND	(0.5)	[1]	ND	(0.5)	[1]	ND	(0.5)	[1]
Chloromethane	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Dibromochloromethane	ND	(1.6)	[1]	ND	(1.6)	[1]	ND	(1.6)	[1]
Dibromomethane	ND	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Methylene chloride	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Tetrachloroethene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Trichloroethene	0.26 P	(0.55)	[1]	ND	(0.55)	[1]	ND	(0.55)	[1]
Trichlorofluoromethane	ND	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
Vinyl chloride	ND			ND			ND		

Compiled: 23 March 1995

() = Detection Limit [] = Factor

ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				Factor	Detection Limit	[] =	Factor	ND = Not Detected	NA = Not Applicable	
	09		09								
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID							
	09-DS-07 Dup of 09-MW-01-01	09-MW-02	09-MW-03	09-DS-08 Dup of 09-MW-03-01							
cis-1,3-Dichloropropene	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)											
Ethanol	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	(10000)	[1]	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	(3000)	[1]	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	(2000)	[1]	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)											
Diesel Range Organics (2)	ND	(200)	[0.980]	(200)	[1]	ND	(200)	[1]	ND	(200)	[0.980]
SW8020 - Aromatic Volatile Organics (ug/L)											
1,2-Dichlorobenzene	ND	(2)	[5]	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(1)	[5]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(2)	[5]	(0.4)	[1]	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	57	(1.5)	[5]	(0.3)	[1]	0.79	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(1)	[5]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	6.1	(1)	[5]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	750	(500)	[5]	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]
Toluene	ND	(1)	[5]	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Total xylenes	2.8	(1.5)	[5]	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)											
4,4'-DDD	ND	(0.0097)	[0.966183]	(0.01)	[0.995024]	0.014 B	(0.01)	[0.995024]	ND	(0.01)	[1.005025]
4,4'-DDE	ND	(0.0097)	[0.966183]	(0.01)	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]
4,4'-DDT	0.0086 KJB	(0.019)	[0.966183]	(0.02)	[0.995024]	0.017 J	(0.02)	[0.995024]	ND	(0.02)	[1.005025]
Aldrin	0.015 B	(0.0097)	[0.966183]	(0.01)	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]
Chlordane	ND	(0.048)	[0.966183]	(0.05)	[0.995024]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]
Dieldrin	0.0083 KJB	(0.0097)	[0.966183]	(0.01)	[0.995024]	0.011	(0.01)	[0.995024]	0.0083 JB	(0.01)	[1.005025]
Endosulfan I	ND	(0.0097)	[0.966183]	(0.01)	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]
Endosulfan II	ND	(0.029)	[0.966183]	(0.03)	[0.995024]	ND	(0.03)	[0.995024]	ND	(0.03)	[1.005025]
Endosulfan Sulfate	0.0057 PJB	(0.048)	[0.966183]	(0.05)	[0.995024]	ND	(0.05)	[0.995024]	ND	(0.05)	[1.005025]
Endrin	ND	(0.0097)	[0.966183]	(0.01)	[0.995024]	ND	(0.01)	[0.995024]	ND	(0.01)	[1.005025]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	09				09			
	09-MW-01		09-MW-02		09-MW-03		09-MW-03	
	09-DS-07 Dup of 09-MW-01-01	0.0061 KJB	(0.019) [0.966183]	0.0058 JB	(0.02) [0.995024]	0.0048 KJB	(0.02) [1.005025]	NA
Endrin Aldehyde	ND	(0.0097) [0.966183]	ND	(0.01) [0.995024]	ND	(0.01) [0.995024]	NA	
Heptachlor	0.0032 PJB	(0.0097) [0.966183]	ND	(0.01) [0.995024]	0.0094 KJB	(0.01) [1.005025]	NA	
Heptachlor epoxide	ND	(0.048) [0.966183]	ND	(0.05) [0.995024]	ND	(0.05) [1.005025]	NA	
Methoxychlor	ND	(0.097) [0.966183]	ND	(0.1) [0.995024]	ND	(0.1) [1.005025]	NA	
PCB-1016	ND	(0.19) [0.966183]	ND	(0.2) [0.995024]	ND	(0.2) [1.005025]	NA	
PCB-1221	ND	(0.19) [0.966183]	ND	(0.2) [0.995024]	ND	(0.2) [1.005025]	NA	
PCB-1232	ND	(0.19) [0.966183]	ND	(0.2) [0.995024]	ND	(0.2) [1.005025]	NA	
PCB-1242	ND	(0.097) [0.966183]	ND	(0.1) [0.995024]	ND	(0.1) [1.005025]	NA	
PCB-1248	ND	(0.097) [0.966183]	ND	(0.1) [0.995024]	ND	(0.1) [1.005025]	NA	
PCB-1254	ND	(0.19) [0.966183]	ND	(0.2) [0.995024]	ND	(0.2) [1.005025]	NA	
PCB-1260	ND	(0.19) [0.966183]	ND	(0.2) [0.995024]	ND	(0.2) [1.005025]	NA	
Toxaphene	ND	(0.48) [0.966183]	ND	(0.5) [0.995024]	ND	(0.5) [1.005025]	NA	
alpha-BHC	ND	(0.0097) [0.966183]	ND	(0.01) [0.995024]	ND	(0.01) [1.005025]	NA	
beta-BHC	0.0054 KJB	(0.0097) [0.966183]	ND	(0.01) [0.995024]	ND	(0.01) [1.005025]	NA	
delta-BHC	0.017 B	(0.0097) [0.966183]	ND	(0.01) [0.995024]	ND	(0.01) [1.005025]	NA	
gamma-BHC	0.013 B	(0.0097) [0.966183]	ND	(0.01) [0.995024]	ND	(0.01) [1.005025]	NA	
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
1,2-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
1,3-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
1,4-Dichlorobenzene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2,4,5-Trichloropheno	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2,4,6-Trichloropheno	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2,4-Dichloropheno	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2,4-Dimethylpheno	ND	(49) [0.980392]	ND	(53) [1.052631]	ND	(50) [1]	(48) [0.961538]	
2,4-Dinitrophenol	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2,6-Dinitrotoluene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2-Chloronaphthalene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	
2-Methylnaphthalene	ND	(9.8) [0.980392]	ND	(11) [1.052631]	ND	(10) [1]	(9.6) [0.961538]	

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	09					
	09-MW-01		09-MW-02		09-MW-03	
	09-DS-07 Dup of 09-MW-01-01	09-MW-01-01	09-MW-02-01	09-MW-03-01	09-DS-08 Dup of 09-MW-03-01	09-MW-03
	(9.8) [0.980392]	(11) [1.052631]	ND	ND	[1]	ND
2-Methylphenol(o-cresol)	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
2-Nitroaniline	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
2-Nitrophenol	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
3,3'-Dichlorobenzidine	ND	(20) [0.980392]	(21) [1.052631]	ND	(20)	(19) [0.961538]
3-Nitroaniline	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
4,6-Dinitro-2-methylphenol	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
4-Bromophenyl phenyl ether	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
4-Chloro-3-methylphenol	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
4-Methylphenol(p-cresol)	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
4-Nitroaniline	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
4-Nitrophenol	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
Acenaphthene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Acenaphthylene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Anthracene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzo(a)anthracene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzo(a)pyrene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzo(b)fluoranthene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzo(g,h,i)perylene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzo(k)fluoranthene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Benzoic acid	ND	(49) [0.980392]	(53) [1.052631]	ND	(50)	(48) [0.961538]
Benzyl alcohol	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Butylbenzylphthalate	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Chrysene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Di-n-octylphthalate	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Dibenz(a,h)anthracene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Dibenzofuran	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Dibutylphthalate	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Diethylphthalate	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Dimethylphthalate	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]
Fluoranthene	ND	(9.8) [0.980392]	(11) [1.052631]	ND	(10)	(9.6) [0.961538]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09		09	
	09-MW-01 09-DS-07 Dup of 09-MW-01-01	09-MW-02 09-MW-02-01	09-MW-03 09-MW-03-01	09-DS-08 Dup of 09-MW-03-01
Fluorene	ND	(9.8) [0.980392]	(11) [1.052631]	ND
Hexachlorobenzene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Hexachlorobutadiene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Hexachlorocyclopentadiene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Hexachloroethane	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Indeno(1,2,3-cd)pyrene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Isophorone	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
N-Nitrosodiphenylamine	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
N-Nitrosodipropylamine	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Naphthalene	0.79 J	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Nitrobenzene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Pentachlorophenol	ND	(49) [0.980392]	(53) [1.052631]	(48) [0.961538]
Phenanthrene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Phenol	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
Pyrene	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
bis(2-Chloroethoxy)methane	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
bis(2-Chloroethyl)ether	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
bis(2-Chloroisopropyl)ether	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
bis(2-Ethylhexyl)phthalate	3.2 JB	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]
p-Chloroaniline	ND	(9.8) [0.980392]	(11) [1.052631]	(9.6) [0.961538]

Compiled: 23 May 1995 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-04-01	09-MW-05-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SM8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	(2.5)	[1]	ND
1,1,1-Trichloroethane	ND	(0.55)	[1]	(0.55)	[1]	ND
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	(0.3)	[1]	ND
1,1,2-Trichloroethane	ND	(0.2)	[1]	(0.2)	[1]	ND
1,1-Dichloroethane	ND	(0.5)	[1]	(0.5)	[1]	ND
1,1-Dichloroethene	ND	(0.7)	[1]	(0.7)	[1]	ND
1,2,3-Trichloropropane	ND	(1.6)	[1]	(1.6)	[1]	ND
1,2-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND
1,2-Dichloroethane	ND	(0.15)	[1]	(0.15)	[1]	ND
1,2-Dichloropropane	ND	(0.15)	[1]	(0.15)	[1]	ND
1,3-Dichlorobenzene	ND	(0.32)	[1]	(0.32)	[1]	ND
1,4-Dichlorobenzene	ND	(0.25)	[1]	(0.25)	[1]	ND
1-Chlorohexane	ND	(3.4)	[1]	(3.4)	[1]	ND
2-Chloroethylvinylether	ND	(0.6)	[1]	(0.6)	[1]	ND
Bromobenzene	ND	(1.6)	[1]	(1.6)	[1]	ND
Bromodichloromethane	ND	(0.1)	[1]	(0.1)	[1]	ND
Bromoform	ND	(0.5)	[1]	(0.5)	[1]	ND
Bromomethane	ND	(0.35)	[1]	(0.35)	[1]	ND
Carbon tetrachloride	ND	(0.35)	[1]	(0.35)	[1]	ND
Chlorobenzene	ND	(0.3)	[1]	(0.3)	[1]	ND
Chloroethane	ND	(0.7)	[1]	(0.7)	[1]	ND
Chloroform	ND	(0.15)	[1]	(0.15)	[1]	ND
Chloromethane	ND	(0.5)	[1]	(0.5)	[1]	ND
Dibromochloromethane	ND	(0.2)	[1]	(0.2)	[1]	ND
Dibromomethane	ND	(1.6)	[1]	(1.6)	[1]	ND
Methylene chloride	ND	(0.4)	[1]	(0.4)	[1]	ND
Tetrachloroethene	ND	(0.1)	[1]	(0.1)	[1]	ND
Trichloroethene	ND	(0.2)	[1]	(0.2)	[1]	ND
Trichlorofluoromethane	ND	(0.55)	[1]	(0.55)	[1]	ND
Vinyl chloride	ND	(0.25)	[1]	(0.25)	[1]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-04	09-MW-05	09-MW-06	09-MW-07	09-MW-06-01	09-MW-07-01
	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01		
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethano1	ND	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	ND	(200)	[1]	ND	(200)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]
1,3-Dichlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]
1,4-Dichlorobenzene	ND	(0.4)	[1]	ND	(0.4)	[1]
Benzene	ND	(0.3)	[1]	ND	(0.3)	[1]
Chlorobenzene	ND	(0.2)	[1]	ND	(0.2)	[1]
Ethylbenzene	ND	(0.2)	[1]	ND	(0.2)	[1]
Gasoline Range Organics (2)	110	(100)	[1]	ND	(100)	[1]
Toluene	ND	(0.2)	[1]	0.39 B	(0.2)	[1]
Total xylenes	ND	(0.3)	[1]	ND	(0.3)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND	(0.0097)	[0.970873]	0.023 B	(0.01)	[1.010101]
4,4'-DDE	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]
4,4'-DDT	0.0097 KJB	(0.019)	[0.970873]	ND	(0.02)	[1.010101]
Aldrin	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]
Chlordane	ND	(0.049)	[0.970873]	ND	(0.051)	[1.010101]
Dieldrin	0.0097	(0.0097)	[0.970873]	0.011	(0.01)	[1.010101]
Endosulfan I	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]
Endosulfan II	0.0003 KJB	(0.029)	[0.970873]	ND	(0.03)	[1.010101]
Endosulfan Sulfate	0.0079 KJB	(0.049)	[0.970873]	0.02 KJB	(0.051)	[1.010101]
Endrin	0.015 B	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09		09									
	09-MW-04	09-MW-05	09-MW-06	09-MW-07								
09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01									
LOCATION ID												
SAMPLE ID												
Endrin Aldehyde	0.0075 KJB	(0.019)	[0.970873]	0.0002 PJB	(0.02)	[1.010101]	0.0092 KJB	(0.02)	[1.020408]	0.0046 KJB	(0.021)	[1.036269]
Heptachlor	0.0052 JB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0038 KJB	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
Heptachlor epoxide	0.0029 PJB	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	0.0039 JB	(0.01)	[1.020408]	0.0003 KJB	(0.01)	[1.036269]
Methoxychlor	ND	(0.049)	[0.970873]	ND	(0.051)	[1.010101]	ND	(0.051)	[1.020408]	ND	(0.052)	[1.036269]
PCB-1016	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1221	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1232	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1242	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1248	ND	(0.097)	[0.970873]	ND	(0.1)	[1.010101]	ND	(0.1)	[1.020408]	ND	(0.1)	[1.036269]
PCB-1254	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
PCB-1260	ND	(0.19)	[0.970873]	ND	(0.2)	[1.010101]	ND	(0.2)	[1.020408]	ND	(0.21)	[1.036269]
Toxaphene	ND	(0.49)	[0.970873]	ND	(0.51)	[1.010101]	ND	(0.51)	[1.020408]	ND	(0.52)	[1.036269]
alpha-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
beta-BHC	ND	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
delta-BHC	0.016 PB	(0.0097)	[0.970873]	0.017 B	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
gamma-BHC	0.01 B	(0.0097)	[0.970873]	ND	(0.01)	[1.010101]	ND	(0.01)	[1.020408]	ND	(0.01)	[1.036269]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,2-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,3-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
1,4-Dichlorobenzene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,5-Trichloropheno	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4,6-Trichloropheno	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dichloropheno	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,4-Dimethylpheno	ND	(49)	[0.975609]	ND	(50)	[0.990099]	ND	(50)	[1]	ND	(49)	[0.980392]
2,4-Dinitrophenol	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2,6-Dinitrotoluene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chloronaphthalene	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Chloropheno	ND	(9.8)	[0.975609]	ND	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]
2-Methylnaphthalene	ND	(9.8)	[0.975609]	0.17 J	(9.9)	[0.990099]	ND	(10)	[1]	ND	(9.8)	[0.980392]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-04	09-MW-05	09-MW-06	09-MW-07
	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01
2-Methylphenol(o-cresol)	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
2-Nitroaniline	ND	(49) [0.975609]	ND	(49) [0.980392]
2-Nitrophenol	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
3,3'-Dichlorobenzidine	ND	(20) [0.975609]	ND	(20) [0.980392]
3-Nitroaniline	ND	(49) [0.975609]	ND	(49) [0.980392]
4,6-Dinitro-2-methylphenol	ND	(49) [0.975609]	ND	(49) [0.980392]
4-Bromophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
4-Chloro-3-methylphenol	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
4-Chlorophenyl phenyl ether	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
4-Methylphenol(p-cresol)	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
4-Nitroaniline	ND	(49) [0.975609]	ND	(49) [0.980392]
4-Nitrophenol	ND	(49) [0.975609]	ND	(49) [0.980392]
Acenaphthene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Acenaphthylene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Anthracene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzo(a)anthracene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzo(a)pyrene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzo(b)fluoranthene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzo(g,h,i)perylene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzo(k)fluoranthene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Benzoic acid	ND	(49) [0.975609]	ND	(49) [0.980392]
Benzyl alcohol	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Butylbenzylphthalate	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Chrysene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Di-n-octylphthalate	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Dibenz(a,h)anthracene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Dibenzofuran	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Dibutylphthalate	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Diethylphthalate	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Dimethylphthalate	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]
Fluoranthene	ND	(9.8) [0.975609]	ND	(9.8) [0.980392]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-04	09-MW-05	09-MW-06	09-MW-07
	09-MW-04-01	09-MW-05-01	09-MW-06-01	09-MW-07-01
Fluorene	ND	ND	ND	ND
Hexachlorobenzene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Hexachlorobutadiene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Hexachlorocyclopentadiene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Hexachloroethane	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Indeno(1,2,3-cd)pyrene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Isophorone	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
N-Nitrosodiphenylamine	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
N-Nitrosodipropylamine	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Naphthalene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Nitrobenzene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Pentachloropheno1	(49) [0.975609]	(50) [0.990099]	(50)	(49) [0.980392]
Phenanthrene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Pheno1	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
Pyrene	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
bis(2-Chloroethoxy)methane	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
bis(2-Chloroethyl)ether	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
bis(2-Chloroisopropyl)ether	(9.8) [0.975609]	(9.9) [0.990099]	(10)	(9.8) [0.980392]
bis(2-Ethylhexyl)phthalate	2.1 JB	15 B	13 B	1.1 JB
p-Chloroaniline	ND	ND	ND	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	09		09		09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics (ug/L)								
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	(2.5)	[1]	ND	(2.5)	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	(0.55)	[1]	ND	(0.55)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	(0.7)	[1]	ND	(0.7)	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
1,2-Dichlorobenzene	5	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]
1,2-Dichloroethane	0.68	(0.15)	[1]	(0.15)	[1]	4.4	(0.15)	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	(0.15)	[1]	0.26	(0.15)	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	(0.32)	[1]	ND	(0.32)	[1]
1,4-Dichlorobenzene	1.3	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]
1-Chlorohexane	ND	(3.4)	[1]	(3.4)	[1]	ND	(3.4)	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	(0.6)	[1]	ND	(0.6)	[1]
Bromobenzene	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
Bromodichloromethane	ND	(0.1)	[1]	(0.1)	[1]	ND	(0.1)	[1]
Bromoform	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
Bromomethane	ND	(0.35)	[1]	(0.35)	[1]	ND	(0.35)	[1]
Carbon tetrachloride	ND	(0.35)	[1]	(0.35)	[1]	ND	(0.35)	[1]
Chlorobenzene	ND	(0.3)	[1]	(0.3)	[1]	ND	(0.3)	[1]
Chloroethane	ND	(0.7)	[1]	(0.7)	[1]	ND	(0.7)	[1]
Chloroform	ND	(0.15)	[1]	(0.15)	[1]	ND	(0.15)	[1]
Chloromethane	ND	(0.5)	[1]	(0.5)	[1]	ND	(0.5)	[1]
Dibromochloromethane	ND	(0.2)	[1]	(0.2)	[1]	ND	(0.2)	[1]
Dibromomethane	ND	(1.6)	[1]	(1.6)	[1]	ND	(1.6)	[1]
Methylene chloride	ND	(0.4)	[1]	(0.4)	[1]	ND	(0.4)	[1]
Tetrachloroethene	ND	(0.1)	[1]	(0.1)	[1]	ND	(0.1)	[1]
Trichloroethene	0.26	(0.2)	[1]	(0.2)	[1]	1.5	(0.2)	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	(0.55)	[1]	ND	(0.55)	[1]
Vinyl chloride	ND	(0.25)	[1]	(0.25)	[1]	ND	(0.25)	[1]

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09		09	
	LOCATION ID	CONCENTRATION	LOCATION ID	CONCENTRATION
	09-MW-08	09-MW-10	09-MW-11	09-MW-12
	09-MW-08-01	09-MW-10-01	09-MW-11-01	09-MW-12-01
	ND	(0.2)	(0.2)	(0.2)
cis-1,3-Dichloropropene	[1]	[1]	[1]	[1]
trans-1,2-Dichloroethene	[1]	(0.25)	(0.25)	(0.25)
trans-1,3-Dichloropropene	[1]	(0.15)	(0.15)	(0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)				
Ethanol	ND	(2000)	(2000)	(2000)
Ethyl ether	ND	(10000)	(10000)	(10000)
Methyl ethyl ketone	ND	(3000)	(3000)	(3000)
Methyl isobutyl ketone	ND	(2000)	(2000)	(2000)
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)				
Diesel Range Organics (2)	95000	(20000)	(2000)	(4000)
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	5800	(400)	(200)	(2000)
1,3-Dichlorobenzene	3800	(200)	(100)	(1000)
1,4-Dichlorobenzene	1400 P	(400)	(200)	(2000)
Benzene	340	(300)	(150)	(1500)
Chlorobenzene	280	(200)	(100)	(1000)
Ethylbenzene	210	(200)	(100)	(1000)
Gasoline Range Organics (2)	160000	(100000)	(50000)	(500000)
Toluene	ND	(200)	(100)	(1000)
Total xylenes	810	(300)	(150)	(1500)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)				
4,4'-DDE	ND	(0.05)	[4.975124]	[0.970873]
4,4'-DDE	ND	(0.05)	[4.975124]	[0.970873]
4,4'-DDT	ND	(0.1)	[4.975124]	[0.970873]
Aldrin	ND	(0.05)	[4.975124]	[0.970873]
Chlordane	ND	(0.25)	[4.975124]	[0.970873]
Dieldrin	0.046 KJ	(0.05)	[4.975124]	[0.970873]
Endosulfan I	ND	(0.05)	[4.975124]	[0.970873]
Endosulfan II	0.0053 PJB	(0.15)	[4.975124]	[0.970873]
Endosulfan Sulfate	0.062 KJ	(0.25)	[4.975124]	[0.970873]
Endrin	ND	(0.05)	[4.975124]	[0.970873]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	09		09		09		09	
	09-MW-08	09-MW-10	09-MW-11	09-MW-12	09-MW-11-01	09-MW-12-01	09-MW-11-01	09-MW-12-01
Endrin Aldehyde	0.027 KJ	(0.1) [4.975124]	0.014 KJB	(0.02) [0.985221]	ND	(0.019) [0.970873]	0.021 JB	(0.1) [5.128205]
Heptachlor	0.042 PJ	(0.05) [4.975124]	ND	(0.0099) [0.985221]	0.0097 PB	(0.0097) [0.970873]	0.048 PJ	(0.051) [5.128205]
Heptachlor epoxide	0.027 JB	(0.05) [4.975124]	ND	(0.0099) [0.985221]	ND	(0.0097) [0.970873]	0.026 PJB	(0.051) [5.128205]
Methoxychlor	ND	(0.25) [4.975124]	ND	(0.049) [0.985221]	ND	(0.049) [0.970873]	ND	(0.26) [5.128205]
PCB-1016	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]
PCB-1221	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]
PCB-1232	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]
PCB-1242	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]
PCB-1248	ND	(0.5) [4.975124]	ND	(0.099) [0.985221]	ND	(0.097) [0.970873]	ND	(0.51) [5.128205]
PCB-1254	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]
PCB-1260	ND	(1) [4.975124]	ND	(0.2) [0.985221]	ND	(0.19) [0.970873]	ND	(1) [5.128205]
Toxaphene	ND	(2.5) [4.975124]	ND	(0.49) [0.985221]	ND	(0.49) [0.970873]	ND	(2.6) [5.128205]
alpha-BHC	ND	(0.05) [4.975124]	0.053	(0.0099) [0.985221]	0.013 PB	(0.0097) [0.970873]	0.19	(0.051) [5.128205]
beta-BHC	0.019 PJ	(0.05) [4.975124]	ND	(0.0099) [0.985221]	ND	(0.0097) [0.970873]	0.15	(0.051) [5.128205]
delta-BHC	ND	(0.05) [4.975124]	0.012 PB	(0.0099) [0.985221]	0.0037 PJB	(0.0097) [0.970873]	0.17	(0.051) [5.128205]
gamma-BHC	0.21 P	(0.05) [4.975124]	0.016 B	(0.0099) [0.985221]	0.0034 PJB	(0.0097) [0.970873]	0.18	(0.051) [5.128205]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
1,2-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
1,3-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
1,4-Dichlorobenzene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,4,5-Trichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,4,6-Trichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,4-Dichloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,4-Dimethylpheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,4-Dinitrophenol	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]	ND	(500) [9.90099]
2,4-Dinitrotoluene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2,6-Dinitrotoluene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2-Chloronaphthalene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2-Chloropheno	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]	ND	(99) [9.90099]
2-Methylnaphthalene	2500	(210) [20.72538]	1500	(99) [9.852216]	48	(9.8) [0.980392]	630	(99) [9.90099]

Compiled: 23 May 1995 () = Detection Limit [] = Factor () = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	09		09		09	
	09-MW-08	09-MW-10	09-MW-11	09-MW-12	09-MW-11-01	09-MW-12-01
2-Methylphenol(o-cresol)	ND	(100) [10.36269]	110	(99) [9.852216]	21	(9.8) [0.980392]
2-Nitroaniline	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]
2-Nitrophenol	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
3,3'-Dichlorobenzidine	ND	(210) [10.36269]	ND	(200) [9.852216]	ND	(20) [0.980392]
3-Nitroaniline	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]
4,6-Dinitro-2-methylphenol	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]
4-Bromophenyl phenyl ether	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
4-Chloro-3-methylphenol	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
4-Chlorophenyl phenyl ether	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
4-Methylphenol(p-cresol)	ND	(100) [10.36269]	160	(99) [9.852216]	32	(9.8) [0.980392]
4-Nitroaniline	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]
4-Nitrophenol	ND	(520) [10.36269]	ND	(490) [9.852216]	ND	(49) [0.980392]
Acenaphthene	20 J	(100) [10.36269]	14 J	(99) [9.852216]	ND	(9.8) [0.980392]
Acenaphthylene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Anthracene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzo(a)anthracene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzo(a)pyrene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzo(b)fluoranthene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzo(g,h,i)perylene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzo(k)fluoranthene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Benzoic acid	ND	(520) [10.36269]	1100	(490) [9.852216]	410 J	(490) [9.803921]
Benzyl alcohol	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Butylbenzylphthalate	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Chrysene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Di-n-octylphthalate	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Dibenz(a,h)anthracene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Dibenzofuran	15 J	(100) [10.36269]	11 J	(99) [9.852216]	ND	(9.8) [0.980392]
Dibutylphthalate	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Diethylphthalate	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Dimethylphthalate	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]
Fluoranthene	ND	(100) [10.36269]	ND	(99) [9.852216]	ND	(9.8) [0.980392]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09 09-MW-08 09-MW-08-01	09 09-MW-10 09-MW-10-01	09 09-MW-11 09-MW-11-01	09 09-MW-12 09-MW-12-01
	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID
Fluorene	36 J ND	33 J ND	1.6 J ND	8.6 J ND
Hexachlorobenzene	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Hexachlorobutadiene	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Hexachlorocyclopentadiene	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Hexachloroethane	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Indeno(1,2,3-cd)pyrene	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Isophorone	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
N-Nitrosodiphenylamine	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
N-Nitrosodipropylamine	(100) [10.36269]	(99) [9.852216]	(9.8) [0.980392]	(99) [9.90099]
Naphthalene	1300	1100	60	560
Nitrobenzene	ND	ND	ND	ND
Pentachloropheno1	ND	ND	ND	ND
Phenanthrene	24 J	13 J	2.6 J	4.3 J
Phenol	18 J	160	43	61 J
Pyrene	ND	ND	ND	ND
bis(2-Chloroethoxy)methane	ND	ND	ND	ND
bis(2-Chloroethyl) ether	ND	ND	ND	ND
bis(2-Chloroisopropyl) ether	ND	ND	ND	ND
bis(2-Ethylhexyl) phthalate	ND	11 JB	1.3 JB	ND
p-Chloroaniline	ND	ND	ND	ND

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		10		10	
	LOCATION ID SAMPLE ID	09-MW-14 09-MW-14-01	09-DS-10 Dup of 09-MW-14-01	10-MW-01 10-MW-01-02	10-MW-02 10-MW-02-02	
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND	(2.5)	[1]	NA	ND	[1]
1,1,1-Trichloroethane	ND	(0.55)	[1]	NA	ND	[1]
1,1,2,2-Tetrachloroethane	ND	(0.3)	[1]	NA	ND	[1]
1,1,2-Trichloroethane	ND	(0.2)	[1]	NA	ND	[1]
1,1-Dichloroethane	ND	(0.5)	[1]	NA	ND	[1]
1,1-Dichloroethene	ND	(0.7)	[1]	NA	ND	[1]
1,2,3-Trichloropropane	ND	(1.6)	[1]	NA	ND	[1]
1,2-Dichlorobenzene	ND	(0.25)	[1]	NA	ND	[1]
1,2-Dichloroethane	ND	(0.15)	[1]	NA	ND	[1]
1,2-Dichloropropane	ND	(0.15)	[1]	NA	ND	[1]
1,3-Dichlorobenzene	ND	(0.32)	[1]	NA	ND	[1]
1,4-Dichlorobenzene	ND	(0.25)	[1]	NA	ND	[1]
1-Chlorohexane	ND	(3.4)	[1]	NA	ND	[1]
2-Chloroethylvinylether	ND	(0.6)	[1]	NA	ND	[1]
Bromobenzene	ND	(1.6)	[1]	NA	ND	[1]
Bromodichloromethane	ND	(0.1)	[1]	NA	ND	[1]
Bromoform	ND	(0.5)	[1]	NA	ND	[1]
Bromomethane	ND	(0.35)	[1]	NA	ND	[1]
Carbon tetrachloride	ND	(0.35)	[1]	NA	ND	[1]
Chlorobenzene	ND	(0.3)	[1]	NA	ND	[1]
Chloroethane	ND	(0.7)	[1]	NA	ND	[1]
Chloroform	ND	(0.15)	[1]	NA	ND	[1]
Chloromethane	ND	(0.5)	[1]	NA	ND	[1]
Dibromochloromethane	ND	(0.2)	[1]	NA	ND	[1]
Dibromomethane	ND	(1.6)	[1]	NA	ND	[1]
Methylene chloride	ND	(0.4)	[1]	NA	ND	[1]
Tetrachloroethene	ND	(0.1)	[1]	NA	ND	[1]
Trichloroethene	ND	(0.2)	[1]	NA	0.8	[1]
Trichlorofluoromethane	ND	(0.55)	[1]	NA	ND	[1]
Vinyl chloride	ND	(0.25)	[1]	NA	ND	[1]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	09		10						
	LOCATION ID	09	LOCATION ID	10					
SAMPLE ID	09-MW-14	09-DS-10 Dup of 09-MW-14-01	10-MW-01	10-MW-02					
	09-MW-14-01	09-MW-14-01	10-MW-01-02	10-MW-02-02					
cis-1,3-Dichloropropene	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
trans-1,2-Dichloroethene	ND	(0.25)	[1]	NA	(0.25)	[1]	ND	(0.25)	[1]
trans-1,3-Dichloropropene	ND	(0.15)	[1]	NA	(0.15)	[1]	ND	(0.15)	[1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)									
Ethanol	ND	(2000)	[1]	NA	(2000)	[1]	ND	(2000)	[1]
Ethyl ether	ND	(10000)	[1]	NA	(10000)	[1]	ND	(10000)	[1]
Methyl ethyl ketone	ND	(3000)	[1]	NA	(3000)	[1]	ND	(3000)	[1]
Methyl isobutyl ketone	ND	(2000)	[1]	NA	(2000)	[1]	ND	(2000)	[1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)									
Diesel Range Organics (2)	ND	(200)	[0.990]	NA	(200)	[0.980]	2400	(390)	[1.97]
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	ND	(0.4)	[1]	NA	(0.4)	[1]	ND	(10)	[25]
1,3-Dichlorobenzene	ND	(0.2)	[1]	NA	(0.2)	[1]	ND	(5)	[25]
1,4-Dichlorobenzene	ND	(0.4)	[1]	NA	(0.4)	[1]	ND	(10)	[25]
Benzene	1.2	(0.3)	[1]	NA	(0.3)	[1]	310	(7.5)	[25]
Chlorobenzene	ND	(0.2)	[1]	NA	(0.2)	[1]	ND	(5)	[25]
Ethylbenzene	0.3	(0.2)	[1]	NA	(0.2)	[1]	230	(5)	[25]
Gasoline Range Organics (2)	ND	(100)	[1]	NA	(100)	[1]	14000	(2500)	[25]
Toluene	3.7	(0.2)	[1]	NA	(0.2)	[1]	79	(5)	[25]
Total xylenes	1.2	(0.3)	[1]	NA	(0.3)	[1]	980	(7.5)	[25]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)									
4,4'-DDD	0.02 B	(0.01)	[1.010101]	0.02 B	(0.0099)	[0.990099]	0.027	(0.01)	[1.025641]
4,4'-DDE	0.016	(0.01)	[1.010101]	0.015	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]
4,4'-DDT	0.032	(0.02)	[1.010101]	0.027	(0.02)	[0.990099]	0.002 PJB	(0.02)	[0.990099]
Aldrin	0.012 B	(0.01)	[1.010101]	0.014 B	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]
Chlordane	ND	(0.051)	[1.010101]	ND	(0.05)	[0.990099]	0.016 B	(0.05)	[0.990099]
Dieldrin	0.013	(0.01)	[1.010101]	0.012	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]
Endosulfan-I	ND	(0.01)	[1.010101]	ND	(0.0099)	[0.990099]	0.0027 KJB	(0.0099)	[0.990099]
Endosulfan II	ND	(0.03)	[1.010101]	ND	(0.03)	[0.990099]	0.008 KJB	(0.03)	[0.990099]
Endosulfan Sulfate	0.0094 KJB	(0.051)	[1.010101]	0.0066 KJB	(0.05)	[0.990099]	0.013 KJB	(0.05)	[0.990099]
Endrin	ND	(0.01)	[1.010101]	ND	(0.0099)	[0.990099]	ND	(0.0099)	[0.990099]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor NA = Not Detected

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	09		10		
	LOCATION ID	09	LOCATION ID	10	
SAMPLE ID	09-MW-14	09-MW-14	10-MW-01	10-MW-02	
	09-MW-14-01	09-DS-10 Dup of 09-MW-14-01	10-MW-01-02	10-MW-02-02	
Endrin Aldehyde	0.01 KJB [1.010101]	ND [0.02]	0.0064 KJB [0.021]	0.01 KJB [0.02]	[0.990099]
Heptachlor	0.0082 KJB [1.010101]	0.0075 KJB [0.0099]	ND [0.01]	0.0043 PJB [0.0099]	[0.990099]
Heptachlor epoxide	0.0079 JB [1.010101]	0.0068 JB [0.0099]	ND [0.01]	0.0036 PJB [0.0099]	[0.990099]
Methoxychlor	ND [0.051]	ND [0.05]	ND [0.051]	ND [0.05]	[0.990099]
PCB-1016	ND [0.1]	ND [0.099]	ND [0.1]	ND [0.099]	[0.990099]
PCB-1221	ND [0.2]	ND [0.2]	ND [0.21]	ND [0.2]	[0.990099]
PCB-1232	ND [0.2]	ND [0.2]	ND [0.21]	ND [0.2]	[0.990099]
PCB-1242	ND [0.1]	ND [0.099]	ND [0.1]	ND [0.099]	[0.990099]
PCB-1248	ND [0.1]	ND [0.099]	ND [0.1]	ND [0.099]	[0.990099]
PCB-1254	ND [0.2]	ND [0.2]	ND [0.21]	ND [0.2]	[0.990099]
PCB-1260	ND [0.51]	ND [0.5]	ND [0.51]	ND [0.5]	[0.990099]
Toxaphene	ND [0.01]	ND [0.0099]	ND [0.01]	ND [0.0099]	[0.990099]
alpha-BHC	ND [0.01]	ND [0.0099]	ND [0.01]	ND [0.0099]	[0.990099]
beta-BHC	0.022 [1.010101]	0.025 [0.0099]	ND [0.01]	0.038 [0.0099]	[0.990099]
delta-BHC	ND [0.01]	0.023 [1.010101]	0.02 B [0.01]	ND [0.0099]	[0.990099]
gamma-BHC	ND [1.010101]	ND [0.0099]	ND [0.01]	ND [0.0099]	[0.990099]
SW8270 - Semivolatile Organics (ug/L)					
1,2,4-Trichlorobenzene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
1,2-Dichlorobenzene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
1,3-Dichlorobenzene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
1,4-Dichlorobenzene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4,5-Trichloropheno1	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4,6-Trichloropheno1	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4-Dichloropheno1	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4-Dimethylpheno1	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4-Dinitrophenol	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,4-Dinitrotoluene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2,6-Dinitrotoluene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2-Chloronaphthalene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2-Chloropheno1	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]
2-Methylnaphthalene	ND [1.020408]	NA	ND [1.010101]	ND [1.010101]	[1.010101]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				3.3 J
	09		10		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	09-MW-14	09-MW-14	10-MW-01	10-MW-02	
	09-MW-14-01	09-MW-14 Dup of 09-MW-14-01	10-MW-01-02	10-MW-02-02	
2-Methylphenol (o-cresol)	ND	NA	(10) [1.010101]	(10) [1.010101]	(10) [1.010101]
2-Nitroaniline	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
2-Nitrophenol	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
3,3'-Dichlorobenzidine	ND	NA	(20) [1.020408]	(20) [1.010101]	(20) [1.010101]
3-Nitroaniline	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
4,6-Dinitro-2-methylphenol	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
4-Bromophenyl phenyl ether	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
4-Chloro-3-methylphenol	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
4-Chlorophenyl phenyl ether	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
4-Methylphenol (p-cresol)	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
4-Nitroaniline	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
4-Nitrophenol	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
Acenaphthene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Acenaphthylene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Anthracene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzo(a)anthracene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzo(a)pyrene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzo(b)fluoranthene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzo(g,h,i)perylene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzo(k)fluoranthene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Benzoic acid	ND	NA	(51) [1.020408]	(51) [1.010101]	(51) [1.010101]
Benzyl alcohol	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Butylbenzylphthalate	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Chrysene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Di-n-octylphthalate	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Dibenz(a,h)anthracene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Dibenzofuran	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Dibutylphthalate	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Diethylphthalate	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Dimethylphthalate	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]
Fluoranthene	ND	NA	(10) [1.020408]	(10) [1.010101]	(10) [1.010101]

Compiled: 23 May 1995 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		10	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-14	09-MW-14	09-MW-14	10-MW-01	10-MW-02	
	09-MW-14-01	09-DS-10 Dup of 09-MW-14-01		10-MW-01-02	10-MW-02-02	
Fluorene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorobutadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachlorocyclopentadiene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Hexachloroethane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Indeno(1,2,3-cd)pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Isophorone	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
N-Nitrosodiphenylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
N-Nitrosodipropylamine	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Naphthalene	ND	(10) [1.020408]	NA	(10) [1.010101]	85	(10) [1.010101]
Nitrobenzene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Pentachlorophenol	ND	(51) [1.020408]	NA	(51) [1.010101]	ND	(51) [1.010101]
Phenanthrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
Phenol	ND	(10) [1.020408]	NA	(10) [1.010101]	20	(10) [1.010101]
Pyrene	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroethoxy)methane	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroethyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Chloroisopropyl)ether	ND	(10) [1.020408]	NA	(10) [1.010101]	ND	(10) [1.010101]
bis(2-Ethylhexyl)phthalate	ND	(10) [1.020408]	NA	(10) [1.010101]	1.2 JB	(10) [1.010101]
p-Chloroaniline	ND	(10) [1.020408]	NA	(10) [1.010101]	1.8 JB	(10) [1.010101]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01	11-MW-02-01
SW8010 - Halogenated Volatile Organics (ug/L)				
1,1,1,2-Tetrachloroethane	NA	(2.5)	(2.5)	(2.5)
1,1,1-Trichloroethane	NA	(0.55)	(0.55)	(0.55)
1,1,2,2-Tetrachloroethane	NA	(0.3)	(0.3)	(0.3)
1,1,2-Trichloroethane	NA	(0.2)	(0.2)	(0.2)
1,1-Dichloroethane	NA	(0.5)	(0.5)	(0.5)
1,1-Dichloroethene	NA	(0.7)	(0.7)	(0.7)
1,2,3-Trichloropropane	NA	(1.6)	(1.6)	(1.6)
1,2-Dichlorobenzene	NA	(0.25)	(0.25)	(0.25)
1,2-Dichloroethane	NA	(0.15)	(0.15)	(0.15)
1,2-Dichloropropane	NA	(0.15)	(0.15)	(0.15)
1,3-Dichlorobenzene	NA	(0.32)	(0.32)	(0.32)
1,4-Dichlorobenzene	NA	(0.25)	(0.25)	(0.25)
1-Chlorohexane	NA	(3.4)	(3.4)	(3.4)
2-Chloroethylvinylether	NA	(0.6)	(0.6)	(0.6)
Bromobenzene	NA	(1.6)	(1.6)	(1.6)
Bromodichloromethane	NA	(0.1)	(0.1)	(0.1)
Bromoform	NA	(0.5)	(0.5)	(0.5)
Bromomethane	NA	(0.35)	(0.35)	(0.35)
Carbon tetrachloride	NA	(0.35)	(0.35)	(0.35)
Chlorobenzene	NA	(0.3)	(0.3)	(0.3)
Chloroethane	NA	(0.7)	(0.7)	(0.7)
Chloroform	NA	(0.15)	(0.15)	(0.15)
Chloromethane	NA	(0.5)	(0.5)	(0.5)
Dibromochloromethane	NA	(0.2)	(0.2)	(0.2)
Dibromomethane	NA	(1.6)	(1.6)	(1.6)
Methylene chloride	NA	(0.4)	(0.4)	(0.4)
Tetrachloroethene	NA	(0.1)	(0.1)	(0.1)
Trichloroethene	NA	(0.2)	(0.2)	(0.2)
Trichlorofluoromethane	NA	(0.55)	(0.55)	(0.55)
Vinyl chloride	NA	(0.25)	(0.25)	(0.25)

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		11		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	11-MW-01	11-MW-02	11-MW-01	11-MW-02-01
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	11-MW-01-01			
cis-1,3-Dichloropropene	NA	ND (0.2)	[1]	ND (0.2)	[1]	ND (0.2)
trans-1,2-Dichloroethene	NA	ND (0.25)	[1]	ND (0.25)	[1]	ND (0.25)
trans-1,3-Dichloropropene	NA	ND (0.15)	[1]	ND (0.15)	[1]	ND (0.15)
SW8015 - Nonhalogenated Volatile Organics (ug/L)						
Ethanol	ND (2000)	[1]	[1]	ND (2000)	[1]	ND (2000)
Ethyl ether	ND (10000)	[1]	[1]	ND (10000)	[1]	ND (10000)
Methyl ethyl ketone	ND (3000)	[1]	[1]	ND (3000)	[1]	ND (3000)
Methyl isobutyl ketone	ND (2000)	[1]	[1]	ND (2000)	[1]	ND (2000)
SW8015HEMP - Nonhalogenated Volatile Organics (ug/L)						
Diesel Range Organics (2)	2400 (210)	[1.03]	[0.971]	ND (190)	[0.982]	760 (220) [1.09]
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	60 (10)	[25]	[2]	ND (0.4)	[1]	0.91 P (0.4)
1,3-Dichlorobenzene	14 (5)	[25]	[2]	ND (0.2)	[1]	0.71 (0.2)
1,4-Dichlorobenzene	14 (10)	[25]	[2]	ND (0.4)	[1]	ND (0.4)
Benzene	280 (7.5)	[25]	[2]	ND (0.3)	[1]	ND (0.3)
Chlorobenzene	ND (5)	[25]	[2]	ND (0.2)	[1]	ND (0.2)
Ethylbenzene	230 (5)	[25]	[2]	ND (0.2)	[1]	ND (0.2)
Gasoline Range Organics (2)	14000 (2500)	[25]	[2]	ND (100)	[1]	ND (100)
Toluene	73 (5)	[25]	[2]	ND (0.4)	[1]	0.41 B (0.2)
Total xylenes	970 (7.5)	[25]	[2]	ND (0.3)	[1]	0.51 P (0.3)
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.01)	[1.010101]	[1.010101]	0.016 B (0.0097)	[0.970873]	ND (0.011) [1.063829]
4,4'-DDE	ND (0.01)	[1.010101]	[1.010101]	ND (0.0097)	[0.970873]	ND (0.011) [1.063829]
4,4'-DDT	0.0074 KJB (0.02)	[1.010101]	[1.010101]	0.021 (0.019)	[0.970873]	0.011 KJ (0.021) [1.063829]
Aldrin	0.013 B (0.01)	[1.010101]	[1.010101]	ND (0.0097)	[0.970873]	0.0064 JB (0.011) [1.063829]
Chlordane	ND (0.051)	[1.010101]	[1.010101]	ND (0.049)	[0.970873]	ND (0.053) [1.063829]
Dieldrin	ND (0.01)	[1.010101]	[1.010101]	0.0094 KJ (0.0097)	[0.970873]	ND (0.011) [1.063829]
Endosulfan I	ND (0.01)	[1.010101]	[1.010101]	ND (0.0097)	[0.970873]	ND (0.011) [1.063829]
Endosulfan II	0.0082 KJB (0.03)	[1.010101]	[1.010101]	ND (0.029)	[0.970873]	ND (0.032) [1.063829]
Endosulfan Sulfate	0.015 KJB (0.051)	[1.010101]	[1.010101]	0.016 KJB (0.049)	[0.970873]	ND (0.053) [1.063829]
Endrin	ND (0.01)	[1.010101]	[1.010101]	ND (0.0097)	[0.970873]	ND (0.011) [1.063829]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	10		11		11			
	10-MW-02		10-MW-03		11-MW-02			
	10-DS-06 Dup of 10-MW-02-02	10-MW-03	10-MW-03-02	11-MW-01-01	11-MW-02-01	11-MW-02-01		
Endrin Aldehyde	0.0077 KJB	(0.02) [1.010101]	0.007 KJB	(0.02) [1.010101]	0.0062 KJB	(0.019) [0.970873]	0.0091 KJB	(0.021) [1.063829]
Heptachlor	0.0015 PJB	(0.01) [1.010101]	ND	(0.01) [1.010101]	ND	(0.0097) [0.970873]	0.015 B	(0.011) [1.063829]
Heptachlor epoxide	0.0041 PJB	(0.01) [1.010101]	0.0042 PJB	(0.01) [1.010101]	ND	(0.0097) [0.970873]	ND	(0.011) [1.063829]
Methoxychlor	ND	(0.05) [1.010101]	ND	(0.05) [1.010101]	ND	(0.049) [0.970873]	ND	(0.053) [1.063829]
PCB-1016	ND	(0.1) [1.010101]	ND	(0.1) [1.010101]	ND	(0.097) [0.970873]	ND	(0.11) [1.063829]
PCB-1221	ND	(0.2) [1.010101]	ND	(0.2) [1.010101]	ND	(0.19) [0.970873]	ND	(0.21) [1.063829]
PCB-1232	ND	(0.2) [1.010101]	ND	(0.2) [1.010101]	ND	(0.19) [0.970873]	ND	(0.21) [1.063829]
PCB-1242	ND	(0.1) [1.010101]	ND	(0.1) [1.010101]	ND	(0.097) [0.970873]	ND	(0.11) [1.063829]
PCB-1248	ND	(0.1) [1.010101]	ND	(0.1) [1.010101]	ND	(0.097) [0.970873]	ND	(0.11) [1.063829]
PCB-1254	ND	(0.2) [1.010101]	ND	(0.2) [1.010101]	ND	(0.19) [0.970873]	ND	(0.21) [1.063829]
PCB-1260	ND	(0.2) [1.010101]	ND	(0.2) [1.010101]	ND	(0.19) [0.970873]	ND	(0.21) [1.063829]
Toxaphene	ND	(0.51) [1.010101]	ND	(0.51) [1.010101]	ND	(0.49) [0.970873]	ND	(0.53) [1.063829]
alpha-BHC	ND	(0.01) [1.010101]	0.022	(0.01) [1.010101]	ND	(0.0097) [0.970873]	ND	(0.011) [1.063829]
beta-BHC	0.047	(0.01) [1.010101]	0.043	(0.01) [1.010101]	0.0031 KJB	(0.0097) [0.970873]	0.044	(0.011) [1.063829]
delta-BHC	ND	(0.01) [1.010101]	ND	(0.01) [1.010101]	0.013 B	(0.0097) [0.970873]	0.036	(0.011) [1.063829]
gamma-BHC	0.025 PB	(0.01) [1.010101]	ND	(0.01) [1.010101]	ND	(0.0097) [0.970873]	0.049	(0.011) [1.063829]
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
1,2-Dichlorobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
1,3-Dichlorobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
1,4-Dichlorobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,4,5-Trichloropheno	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,4,6-Trichloropheno	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,4-Dichloropheno	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,4-Dimethylpheno	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,4-Dinitrophenol	ND	(50) [0.990099]	ND	(49) [0.980392]	ND	(50)	ND	(54) [1.086956]
2,4-Dinitrotoluene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2,6-Dinitrotoluene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2-Chloronaphthalene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2-Chloropheno	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]
2-Methylnaphthalene	51	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(10)	ND	(11) [1.086956]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		11		11	
	10-MW-02 10-DS-06 Dup of 10-MW-02-02	10-MW-03 10-MW-03-02	10-MW-01 11-MW-01-01	11-MW-02 11-MW-02-01	11-MW-02 11-MW-02-01	11-MW-02 11-MW-02-01
2-Methylphenol(o-cresol)	2.5 J	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
2-Nitroaniline	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
2-Nitrophenol	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
3,3'-Dichlorobenzidine	ND	(20) [0.990099]	(20) [0.980392]	(20)	(22) [1.086956]	(22) [1.086956]
3-Nitroaniline	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
4,6-Dinitro-2-methylphenol	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
4-Bromophenyl phenyl ether	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
4-Chloro-3-methylphenol	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
4-Methylphenol(p-cresol)	11	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
4-Nitroaniline	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
4-Nitrophenol	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
Acenaphthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Acenaphthylene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzo(a)anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzo(a)pyrene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzo(b)fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzo(g,h,i)perylene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzo(k)fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Benzoic acid	ND	(50) [0.990099]	(49) [0.980392]	(50)	(54) [1.086956]	(54) [1.086956]
Benzyl alcohol	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Butylbenzylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Chrysene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Di-n-octylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Dibenz(a,h)anthracene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Dibenzofuran	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Dibutylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Diethylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Dimethylphthalate	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]
Fluoranthene	ND	(9.9) [0.990099]	(9.8) [0.980392]	(10)	(11) [1.086956]	(11) [1.086956]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		11			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID		
	10-MW-03	10-MW-01	11-MW-02	11-MW-02		
	10-MW-03-02	11-MW-01-01	11-MW-02-01	11-MW-02-01		
	10-DS-06 Dup of 10-MW-02-02					
Fluorene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Hexachlorobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Hexachlorobutadiene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Hexachlorocyclopentadiene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Hexachloroethane	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Indeno(1,2,3-cd)pyrene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Isophorone	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
N-Nitrosodiphenylamine	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
N-Nitrosodipropylamine	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Naphthalene	85	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Nitrobenzene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Pentachlorophenol	ND	(50) [0.990099]	ND	(49) [0.980392]	ND	(54) [1.086956]
Phenanthrene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Phenol	14	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
Pyrene	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
bis(2-Chloroethoxy)methane	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
bis(2-Chloroethyl) ether	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
bis(2-Chloroisopropyl) ether	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]
bis(2-Ethylhexyl) phthalate	ND	(9.9) [0.990099]	3.9 JB	(9.8) [0.980392]	ND	(11) [1.086956]
p-Chloroaniline	ND	(9.9) [0.990099]	ND	(9.8) [0.980392]	ND	(11) [1.086956]

TABLE A2 RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		Factor	Detection Limit	Not Detected	Not Applicable
	12	12				
	12-MW-01	12-MW-02				
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	ND (2.5)	ND (2.5)	[]	[1]		[1]
1,1,1-Trichloroethane	ND (0.55)	ND (0.55)	[]	[1]		[1]
1,1,2,2-Tetrachloroethane	ND (0.3)	ND (0.3)	[]	[1]		[1]
1,1,2-Trichloroethane	ND (0.2)	ND (0.2)	[]	[1]		[1]
1,1-Dichloroethane	ND (0.5)	ND (0.5)	[]	[1]		[1]
1,1-Dichloroethene	ND (0.7)	ND (0.7)	[]	[1]		[1]
1,2,3-Trichloropropane	ND (1.6)	ND (1.6)	[]	[1]		[1]
1,2-Dichlorobenzene	ND (0.25)	ND (0.25)	[]	[1]		[1]
1,2-Dichloroethane	ND (0.15)	ND (0.15)	[]	[1]		[1]
1,2-Dichloropropane	ND (0.15)	ND (0.15)	[]	[1]		[1]
1,3-Dichlorobenzene	ND (0.32)	ND (0.32)	[]	[1]		[1]
1,4-Dichlorobenzene	ND (0.25)	ND (0.25)	[]	[1]		[1]
1-Chlorohexane	ND (3.4)	ND (3.4)	[]	[1]		[1]
2-Chloroethylvinylether	ND (0.6)	ND (0.6)	[]	[1]		[1]
Bromobenzene	ND (1.6)	ND (1.6)	[]	[1]		[1]
Bromodichloromethane	ND (0.1)	ND (0.1)	[]	[1]		[1]
Bromoform	ND (0.5)	ND (0.5)	[]	[1]		[1]
Bromomethane	ND (0.35)	ND (0.35)	[]	[1]		[1]
Carbon tetrachloride	ND (0.35)	ND (0.35)	[]	[1]		[1]
Chlorobenzene	ND (0.3)	ND (0.3)	[]	[1]		[1]
Chloroethane	ND (0.7)	ND (0.7)	[]	[1]		[1]
Chloroform	ND (0.15)	ND (0.15)	[]	[1]		[1]
Chloromethane	ND (0.5)	ND (0.5)	[]	[1]		[1]
Dibromochloromethane	ND (0.2)	ND (0.2)	[]	[1]		[1]
Dibromomethane	ND (1.6)	ND (1.6)	[]	[1]		[1]
Methylene chloride	ND (0.4)	ND (0.4)	[]	[1]		[1]
Tetrachloroethene	ND (0.1)	ND (0.1)	[]	[1]		[1]
Trichloroethene	ND (0.2)	ND (0.2)	[]	[1]		[1]
Trichlorofluoromethane	ND (0.55)	ND (0.55)	[]	[1]		[1]
Vinyl chloride	ND (0.25)	ND (0.25)	[]	[1]		[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		
	12	12	12
	12-MW-01 12-MW-01-01	12-MW-02 12-MW-02-01	12-MW-02 12-MW-02-01
cis-1,3-Dichloropropene	ND	(0.2)	[1] ND (0.2) [1]
trans-1,2-Dichloroethene	ND	(0.25)	[1] ND (0.25) [1]
trans-1,3-Dichloropropene	ND	(0.15)	[1] ND (0.15) [1]
SW8015 - Nonhalogenated Volatile Organics (ug/L)			
Ethanol	ND	(2000)	[1] ND (2000) [1]
Ethyl ether	ND	(10000)	[1] ND (10000) [1]
Methyl ethyl ketone	ND	(3000)	[1] ND (3000) [1]
Methyl isobutyl ketone	ND	(2000)	[1] ND (2000) [1]
SW8015MEMP - Nonhalogenated Volatile Organics (ug/L)			
Diesel Range Organics (2)	ND	(210)	[1.05] ND (200) [1.01]
SW8020 - Aromatic Volatile Organics (ug/L)			
1,2-Dichlorobenzene	ND	(0.4)	[1] ND (0.4) [1]
1,3-Dichlorobenzene	ND	(0.2)	[1] ND (0.2) [1]
1,4-Dichlorobenzene	ND	(0.4)	[1] ND (0.4) [1]
Benzene	ND	(0.3)	[1] ND (0.3) [1]
Chlorobenzene	ND	(0.2)	[1] ND (0.2) [1]
Ethylbenzene	ND	(0.2)	[1] ND (0.2) [1]
Gasoline Range Organics (2)	ND	(100)	[1] ND (100) [1]
Toluene	0.6	(0.2)	[1] ND (0.2) [1]
Total xylenes	ND	(0.3)	[1] ND (0.3) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)			
4,4'-DDD	ND	(0.011)	[1.058201] ND (0.01) [1.010101]
4,4'-DDE	ND	(0.011)	[1.058201] ND (0.01) [1.010101]
4,4'-DDT	ND	(0.021)	[1.058201] ND (0.02) [1.010101]
Aldrin	ND	(0.011)	[1.058201] ND (0.01) [1.010101]
Chlordane	ND	(0.053)	[1.058201] ND (0.051) [1.010101]
Dieldrin	ND	(0.011)	[1.058201] ND (0.01) [1.010101]
Endosulfan I	ND	(0.011)	[1.058201] ND (0.01) [1.010101]
Endosulfan II	ND	(0.032)	[1.058201] ND (0.03) [1.010101]
Endosulfan Sulfate	ND	(0.053)	[1.058201] ND (0.051) [1.010101]
Endrin	ND	(0.011)	[1.058201] ND (0.01) [1.010101]

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	12			12		
	12-MW-01			12-MW-02		
	0.017 KJB	(0.021)	[1.058201]	0.016 KJB	(0.02)	[1.010101]
Endrin Aldehyde	ND	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
Heptachlor	ND	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
Heptachlor epoxide	ND	(0.053)	[1.058201]	ND	(0.051)	[1.010101]
Methoxychlor	ND	(0.11)	[1.058201]	ND	(0.1)	[1.010101]
PCB-1016	ND	(0.21)	[1.058201]	ND	(0.2)	[1.010101]
PCB-1221	ND	(0.21)	[1.058201]	ND	(0.2)	[1.010101]
PCB-1232	ND	(0.11)	[1.058201]	ND	(0.1)	[1.010101]
PCB-1242	ND	(0.11)	[1.058201]	ND	(0.1)	[1.010101]
PCB-1248	ND	(0.21)	[1.058201]	ND	(0.2)	[1.010101]
PCB-1254	ND	(0.21)	[1.058201]	ND	(0.2)	[1.010101]
PCB-1260	ND	(0.53)	[1.058201]	ND	(0.51)	[1.010101]
Toxaphene	ND	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
alpha-BHC	0.0054 KJB	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
beta-BHC	ND	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
delta-BHC	0.0026 PJB	(0.011)	[1.058201]	ND	(0.01)	[1.010101]
gamma-BHC	0.0037 KJB	(0.011)	[1.058201]	0.0047 KJB	(0.01)	[1.010101]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
1,2-Dichlorobenzene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
1,3-Dichlorobenzene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
1,4-Dichlorobenzene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,4,5-Trichloropheno	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,4,6-Trichloropheno	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,4-Dichloropheno	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,4-Dimethylpheno	ND	(49)	[0.985221]	ND	(52)	[1.041666]
2,4-Dinitropheno	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,6-Dinitrotoluene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2,6-Dinitrothale	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2-Chloronaphthalene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2-Chloropheno	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]
2-Methylnaphthalene	ND	(9.9)	[0.985221]	ND	(10)	[1.041666]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	12		12	
	12-MW-01		12-MW-02	
	12-MW-01-01	12-MW-01-01	12-MW-02-01	12-MW-02-01
2-Methylphenol(o-cresol)	ND	(9.9) [0.985221]	ND	(10) [1.041666]
2-Nitroaniline	ND	(49) [0.985221]	ND	(52) [1.041666]
2-Nitrophenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
3,3'-Dichlorobenzidine	ND	(20) [0.985221]	ND	(21) [1.041666]
3-Nitroaniline	ND	(49) [0.985221]	ND	(52) [1.041666]
4,6-Dinitro-2-methylphenol	ND	(49) [0.985221]	ND	(52) [1.041666]
4-Bromophenyl phenyl ether	ND	(9.9) [0.985221]	ND	(10) [1.041666]
4-Chloro-3-methylphenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
4-Chlorophenyl phenyl ether	ND	(9.9) [0.985221]	ND	(10) [1.041666]
4-Methylphenol(p-cresol)	ND	(9.9) [0.985221]	ND	(10) [1.041666]
4-Nitroaniline	ND	(49) [0.985221]	ND	(52) [1.041666]
4-Nitrophenol	ND	(49) [0.985221]	ND	(52) [1.041666]
Acenaphthene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Acenaphthylene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Anthracene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzo(a)anthracene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzo(a)pyrene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzo(b)fluoranthene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzo(g,h,i)perylene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzo(k)fluoranthene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Benzoic acid	ND	(49) [0.985221]	ND	(52) [1.041666]
Benzyl alcohol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Butylbenzylphthalate	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Chrysene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Di-n-octylphthalate	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Dibenz(a,h)anthracene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Dibenzofuran	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Dibutylphthalate	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Diethylphthalate	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Dimethylphthalate	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Fluoranthene	ND	(9.9) [0.985221]	ND	(10) [1.041666]

Compiled: 23 May 1995

() = Detection Limit [] = Factor () = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	12		12	
	12-MW-01		12-MW-02	
	12-MW-01-01	12-MW-01-01	12-MW-02-01	12-MW-02-01
Fluorene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Hexachlorobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Hexachlorobutadiene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Hexachlorocyclopentadiene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Hexachloroethane	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Indeno(1,2,3-cd)pyrene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Isophorone	ND	(9.9) [0.985221]	ND	(10) [1.041666]
N-Nitrosodiphenylamine	ND	(9.9) [0.985221]	ND	(10) [1.041666]
N-Nitrosodipropylamine	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Naphthalene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Nitrobenzene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Pentachloropheno1	ND	(49) [0.985221]	ND	(52) [1.041666]
Phenanthrene	ND	(9.9) [0.985221]	0.92 J	(10) [1.041666]
Phenol	ND	(9.9) [0.985221]	ND	(10) [1.041666]
Pyrene	ND	(9.9) [0.985221]	ND	(10) [1.041666]
bis(2-Chloroethoxy)methane	ND	(9.9) [0.985221]	ND	(10) [1.041666]
bis(2-Chloroethyl) ether	ND	(9.9) [0.985221]	ND	(10) [1.041666]
bis(2-Chloroisopropyl) ether	ND	(9.9) [0.985221]	ND	(10) [1.041666]
bis(2-Ethylhexyl) phthalate	2.9 JB	(9.9) [0.985221]	4.2 JB	(10) [1.041666]
p-Chloroaniline	ND	(9.9) [0.985221]	ND	(10) [1.041666]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	ND	(1.9) [1.052631]	ND	(1.8) [0.995024]
Acenaphthylene	ND	(2.4) [1.052631]	ND	(2.3) [0.995024]
Anthracene	ND	(0.69) [1.052631]	ND	(0.66) [0.995024]
Benzo(a)anthracene	ND	(0.014) [1.052631]	ND	(0.013) [0.995024]
Benzo(a)pyrene	ND	(0.024) [1.052631]	ND	(0.023) [0.995024]
Benzo(b)fluoranthene	ND	(0.019) [1.052631]	ND	(0.018) [0.995024]
Benzo(g,h,i)perylene	ND	(0.08) [1.052631]	ND	(0.076) [0.995024]
Benzo(k)fluoranthene	ND	(0.018) [1.052631]	ND	(0.017) [0.995024]
Chrysene	ND	(0.16) [1.052631]	ND	(0.15) [0.995024]
Dibenzo(a,h)anthracene	ND	(0.032) [1.052631]	ND	(0.03) [0.995024]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A2

RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID
	12	12
	12-MW-01	12-MW-02
	12-MW-01-01	12-MW-02-01
Fluoranthene	ND	(0.21) [0.995024]
Fluorene	ND	(0.21) [0.995024]
Indeno(1,2,3-cd)pyrene	0.07	(0.043) [0.995024]
Naphthalene	ND	(1.8) [0.995024]
Phenanthrene	ND	(0.64) [0.995024]
Pyrene	ND	(0.27) [0.995024]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	01	01	01	01
	01-MW-01	01-MW-02	01-MW-02	01-MW-03
	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01
EI60.1 - Residue, Filterable (TDS) (mg/L)	NA	870	880	930
Total dissolved solids		(10) [1.000000]	(10) [1.000000]	(10) [1.000000]
SW6010 - Metals (mg/L)				
Aluminum	ND	[1] (0.2)	ND	ND
Antimony	ND	[1] (0.1)	ND	ND
Arsenic	ND	[1] (0.3)	ND	ND
Barium	0.39	[1] (0.01)	0.32	0.19
Beryllium	ND	[1] (0.002)	ND	ND
Cadmium	ND	[1] (0.005)	ND	ND
Calcium	190	[1] (1)	230	230
Chromium	ND	[1] (0.01)	ND	ND
Cobalt	ND	[1] (0.01)	ND	ND
Copper	ND	[1] (0.02)	ND	ND
Iron	6.8	[1] (0.05)	0.13 B	ND
Lead	ND	[1] (0.05)	ND	ND
Magnesium	29	[1] (1)	44	50
Manganese	2.2	[1] (0.01)	1.5	0.022
Molybdenum	ND	[1] (0.05)	ND	ND
Nickel	ND	[1] (0.02)	ND	ND
Potassium	4.6	[1] (3)	5.4	5.9
Selenium	ND	[1] (0.3)	ND	ND
Silver	ND	[1] (0.01)	ND	ND
Sodium	5.5	[1] (1)	11	30
Thallium	ND	[1] (0.1)	ND	ND
Vanadium	ND	[1] (0.02)	ND	ND
Zinc	ND	[1] (0.02)	ND	0.85
SW7060 - Arsenic (mg/L)	ND	[1] (0.004)	ND	ND
Arsenic				
SW7421 - Lead (mg/L)	0.0037 B	[1] (0.003)	ND	ND
Lead				

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID	Factor	Detection Limit	Not Detected	Not Applicable
	01	01						
SW7470 - Mercury (mg/L)	01-MW-01	01-MW-02	01-MW-02	01-MW-03				
Mercury	0.00032 B	(0.00018)	[1] 0.0004	(0.00018)	[1] 0.00033 B	(0.00018)	[1] 0.00036	(0.00018) [1]
SW7740 - Selenium (mg/L)	01-MW-01-01	01-MW-02-01	01-DS-07 Dup of 01-MW-02-01	01-MW-03-01				
Selenium	ND	(0.005)	[1] ND	(0.005)	[1] ND	(0.005)	ND	(0.005) [1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-MW-03	01-MW-04	01-MW-05	01-MW-06
	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01
E160.1 - Residue, Filterable (TDS) (mg/L)	940	NA	640	NA
Total dissolved solids	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]	
SW6010 - Metals (mg/L)				
Aluminum	ND	ND	ND	ND
Antimony	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND
Barium	0.2	0.32	0.23	0.42
Beryllium	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND
Calcium	230	210	180	210
Chromium	ND	ND	ND	ND
Cobalt	ND	ND	ND	ND
Copper	ND	ND	ND	ND
Iron	ND	ND	ND	1
Lead	ND	ND	ND	ND
Magnesium	51	18	27	51
Manganese	0.023	0.63	0.02	9.3
Molybdenum	ND	ND	ND	ND
Nickel	ND	ND	ND	0.039
Potassium	6	3.9	3.7	5.6
Selenium	ND	ND	ND	ND
Silver	ND	ND	ND	ND
Sodium	31	5.5	5	12
Thallium	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND
Zinc	ND	ND	ND	ND
SW7060 - Arsenic (mg/L)	ND	ND	ND	ND
Arsenic	(0.004)	(0.004)	(0.004)	(0.004)
SW7421 - Lead (mg/L)	ND	0.0038 B	ND	0.0038 B
Lead	(0.003)	(0.003)	(0.003)	(0.003)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	01	01	01	01	01	01
SW7470 - Mercury (mg/L)	01-MW-03	01-MW-04	01-MW-05	01-MW-06	01-MW-06-01	01-MW-06-01
Mercury	0.00036	[1] 0.00031 B	[1] 0.00034 B	[1] 0.00033 B	[1] 0.00033 B	(0.00018) [1]
SW7740 - Selenium (mg/L)	01-DS-06 Dup of 01-MW-03-01	01-MW-04-01	01-MW-05-01	01-MW-06-01	01-MW-06-01	01-MW-06-01
Selenium	ND	[1] 0.0005	ND	[1] 0.0005	[1] ND	(0.0005) [1]

Compiled: 20 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		02		02			
	LOCATION ID SAMPLE ID	01-SW-01 01-SW-01-01	LOCATION ID SAMPLE ID	02-GW-01 02-GW-01-01	LOCATION ID SAMPLE ID	02-GW-02 02-GW-02-01		
E160.1 - Residue, Filterable (TDS) (mg/L)	480	(10) [1.000000]	640	(10) [1.000000]	260	(10) [1.000000]	270	(10) [1.000000]
Total dissolved solids	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]	ND	(0.2) [1]
SW6010 - Metals (mg/L)	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]
Aluminum	ND	(0.3) [1]	ND	(0.3) [1]	ND	(0.3) [1]	ND	(0.3) [1]
Antimony	0.17	(0.01) [1]	0.2	(0.01) [1]	0.4	(0.01) [1]	0.42	(0.01) [1]
Arsenic	ND	(0.002) [1]	ND	(0.002) [1]	ND	(0.002) [1]	ND	(0.002) [1]
Barium	ND	(0.005) [1]	ND	(0.005) [1]	ND	(0.005) [1]	ND	(0.005) [1]
Beryllium	93	(1) [1]	110	(1) [1]	61	(1) [1]	60	(1) [1]
Cadmium	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]
Calcium	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]
Chromium	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]
Cobalt	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]
Copper	1.8	(0.05) [1]	0.3 B	(0.05) [1]	5.3	(0.05) [1]	4.9	(0.05) [1]
Iron	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.05) [1]
Lead	18	(1) [1]	16	(1) [1]	16	(1) [1]	17	(1) [1]
Magnesium	2.4	(0.01) [1]	1.6	(0.01) [1]	0.35	(0.01) [1]	0.32	(0.01) [1]
Manganese	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.05) [1]	ND	(0.05) [1]
Molybdenum	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]
Nickel	19	(3) [1]	28	(3) [1]	ND	(3) [1]	ND	(3) [1]
Potassium	ND	(0.3) [1]	ND	(0.3) [1]	ND	(0.3) [1]	ND	(0.3) [1]
Selenium	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]	ND	(0.01) [1]
Silver	2.2	(1) [1]	5.6	(1) [1]	2.9	(1) [1]	3.3	(1) [1]
Sodium	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]	ND	(0.1) [1]
Thallium	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]
Vanadium	ND	(0.02) [1]	ND	(0.02) [1]	0.025	(0.02) [1]	ND	(0.02) [1]
Zinc	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]	ND	(0.02) [1]
SW7060 - Arsenic (mg/L)	0.0085	(0.004) [1]	0.043	(0.004) [1]	ND	(0.004) [1]	ND	(0.004) [1]
Arsenic	0.01	(0.003) [1]	0.011	(0.003) [1]	0.0044 B	(0.003) [1]	0.0047 B	(0.003) [1]
SW7421 - Lead (mg/L)								
Lead								

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	01	01	02	02
	01-SW-01	01-SW-02	02-GW-01	02-GW-02
	01-SW-01-01	01-SW-02-01	02-GW-01-01	02-GW-02-01
SW7470 - Mercury (mg/L)	ND	[1] 0.00018 B (0.00018)	ND	ND
Mercury			[1]	[1]
SW7740 - Selenium (mg/L)	ND	[1] (0.005)	ND	ND
Selenium			[1]	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	02		02		02	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
E160.1 - Residue, Filterable (TDS) (mg/L)	300	(10) [1.000000]	300	(10) [1.000000]	280	(10) [1.000000]
Total dissolved solids	300	(10) [1.000000]	300	(10) [1.000000]	280	(10) [1.000000]
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	ND	(0.2)	ND	(0.2)
Antimony	ND	(0.1)	ND	(0.1)	ND	(0.1)
Arsenic	ND	(0.3)	ND	(0.3)	ND	(0.3)
Barium	0.43	(0.01)	0.41	(0.01)	0.2	(0.01)
Beryllium	ND	(0.002)	ND	(0.002)	ND	(0.002)
Cadmium	ND	(0.005)	ND	(0.005)	ND	(0.005)
Calcium	62	(1)	58	(1)	45	(1)
Chromium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Cobalt	ND	(0.01)	ND	(0.01)	ND	(0.01)
Copper	ND	(0.02)	ND	(0.02)	ND	(0.02)
Iron	4.5	(0.05)	4.2	(0.05)	0.098 B	(0.05)
Lead	ND	(0.05)	ND	(0.05)	ND	(0.05)
Magnesium	17	(1)	16	(1)	14	(1)
Manganese	0.33	(0.01)	0.31	(0.01)	0.19	(0.01)
Molybdenum	ND	(0.05)	ND	(0.05)	ND	(0.05)
Nickel	ND	(0.02)	ND	(0.02)	ND	(0.02)
Potassium	ND	(3)	ND	(3)	ND	(3)
Selenium	ND	(0.3)	ND	(0.3)	ND	(0.3)
Silver	ND	(0.01)	ND	(0.01)	ND	(0.01)
Sodium	3.2	(1)	2.9	(1)	24	(1)
Thallium	ND	(0.1)	ND	(0.1)	ND	(0.1)
Vanadium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Zinc	0.058	(0.02)	0.063	(0.02)	0.041	(0.02)
SW7060 - Arsenic (mg/L)	ND	(0.004)	ND	(0.004)	ND	(0.004)
Arsenic	ND	(0.004)	ND	(0.004)	ND	(0.004)
SW7421 - Lead (mg/L)	ND	(0.003)	ND	(0.003)	ND	(0.003)
Lead	ND	(0.003)	ND	(0.003)	ND	(0.003)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 20 March 1995

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW7470 - Mercury (mg/L)	02 02-GW-03 02-GW-03-01	02 02-GW-03 02-GW-03-01	02 02-GW-04 02-GW-04-01	02 02-GW-04 02-GW-04-01
Mercury	ND (0.00018)	ND (0.00018)	ND (0.00018)	NA
SW7740 - Selenium (mg/L)	02 02-GW-03-01	02 02-GW-03-01	02 02-GW-04-01	02 02-GW-04-01
Selenium	ND (0.005)	ND (0.005)	ND (0.005)	NA

Compiled: 20 May 1995
 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	03		03		03	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	03-GW-01	03-GW-02	03-GW-03	03-GW-03	03-GW-03	03-GW-03
	03-GW-01-01	03-GW-02-01	03-GW-03-01	03-GW-03-01	03-GW-03-01	03-GW-03-01
						03-DS-01 Dup of 03-GW-03-01
E160.1 - Residue, Filterable (TDS) (mg/L)	340	430	480	450	(10) [1.000000]	(10) [1.000000]
Total dissolved solids	ND	ND	ND	ND	[1]	[1]
SW6010 - Metals (mg/L)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)	(0.2)
Aluminum	ND	ND	ND	ND	[1]	[1]
Antimony	ND	ND	ND	ND	(0.1)	(0.1)
Arsenic	ND	ND	ND	ND	(0.3)	(0.3)
Barium	0.28	0.42	0.43	0.43	(0.01)	(0.01)
Beryllium	ND	ND	ND	ND	(0.002)	(0.002)
Cadmium	ND	ND	ND	ND	(0.005)	(0.005)
Calcium	76	110	100	100	(1)	(1)
Chromium	ND	ND	ND	ND	(0.01)	(0.01)
Cobalt	ND	ND	ND	ND	(0.01)	(0.01)
Copper	ND	ND	ND	ND	(0.02)	(0.02)
Iron	15	15	7.3	7.4	(0.05)	(0.05)
Lead	ND	ND	ND	ND	(0.05)	(0.05)
Magnesium	16	23	18	18	(1)	(1)
Manganese	0.86	1.7	1	1	(0.01)	(0.01)
Molybdenum	ND	ND	ND	ND	(0.05)	(0.05)
Nickel	ND	0.02	ND	ND	(0.02)	(0.02)
Potassium	3	3.8	ND	ND	(3)	(3)
Selenium	ND	ND	ND	ND	(0.3)	(0.3)
Silver	ND	ND	ND	ND	(0.01)	(0.01)
Sodium	13	10	30	30	(1)	(1)
Thallium	ND	ND	ND	ND	(0.1)	(0.1)
Vanadium	ND	ND	ND	ND	(0.02)	(0.02)
Zinc	0.023	0.029	ND	ND	(0.02)	(0.02)
SW7060 - Arsenic (mg/L)	ND	ND	ND	ND	(0.004)	(0.004)
Arsenic	ND	ND	ND	ND	[1]	[1]
SW7421 - Lead (mg/L)	ND	0.0084	0.0032 B	ND	(0.003)	(0.003)
Lead	ND	[1]	[1]	[1]	[1]	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	[1]	[1]	ND	ND	ND	[1]	[1]	[1]	[1]
	LOCATION ID	SAMPLE ID										
	03 03-GW-01 03-GW-01-01	03 03-GW-02 03-GW-02-01										
SW7470 - Mercury (mg/L)												
Mercury												
SW7740 - Selenium (mg/L)												
Selenium												

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	03		04	
	LOCATION ID SAMPLE ID	03-GW-03 03-GW-04 03-GW-04-01	04-MW-02 04-MW-02-01	04-MW-03 04-MW-03-01
E160.1 - Residue, Filterable (TDS) (mg/L)	580	(10) [1.000000]	NA	NA
Total dissolved solids	570	(10) [1.000000]	NA	NA
SW6010 - Metals (mg/L)				
Aluminum	NA	(0.2)	ND (0.2)	ND (0.2)
Antimony	NA	(0.1)	ND (0.1)	ND (0.1)
Arsenic	NA	(0.3)	ND (0.3)	ND (0.3)
Barium	0.35	(0.01)	0.21 (0.01)	0.43 (0.01)
Beryllium	NA	(0.002)	ND (0.002)	ND (0.002)
Cadmium	NA	(0.005)	ND (0.005)	ND (0.005)
Calcium	130	(1)	190 (1)	160 (1)
Chromium	NA	(0.01)	ND (0.01)	ND (0.01)
Cobalt	NA	(0.01)	ND (0.01)	0.017 (0.01)
Copper	NA	(0.02)	ND (0.02)	ND (0.02)
Iron	0.16 B	(0.05)	ND (0.05)	18 (0.05)
Lead	NA	(0.05)	ND (0.05)	ND (0.05)
Magnesium	23	(1)	37 (1)	27 (1)
Manganese	1.2	(0.01)	0.027 (0.01)	9.5 (0.01)
Molybdenum	NA	(0.05)	ND (0.05)	ND (0.05)
Nickel	NA	(0.02)	ND (0.02)	0.026 (0.02)
Potassium	5.4	(3)	4.9 (3)	7.3 (3)
Selenium	ND	(0.3)	ND (0.3)	ND (0.3)
Silver	NA	(0.01)	ND (0.01)	ND (0.01)
Sodium	43	(1)	5.2 (1)	4.5 (1)
Thallium	NA	(0.1)	ND (0.1)	ND (0.1)
Vanadium	NA	(0.02)	ND (0.02)	ND (0.02)
Zinc	NA	(0.02)	ND (0.02)	ND (0.02)
SW7060 - Arsenic (mg/L)	NA	(0.004)	ND (0.004)	0.019 (0.004)
Arsenic				
SW7421 - Lead (mg/L)	NA	(0.003)	0.0037 B (0.003)	0.004 B (0.003)
Lead				

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 20 March 1995

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		Factor	Detection Limit	Not Detected	Not Applicable
	LOCATION ID	SAMPLE ID				
SW7470 - Mercury (mg/L)	03	03	ND	(0.00018)	[1]	0.00031 B (0.00018)
	03-GW-03	03-GW-04	NA	(0.00018)	[1]	0.00034 B (0.00018)
SW7740 - Selenium (mg/L)	03	04	ND	(0.005)	[1]	ND (0.005)
	03-DS-02 Dup of 03-GW-03-01	04-MW-02 04-MW-02-01	NA	(0.005)	[1]	ND (0.005)
						04-MW-03 04-MW-03-01

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	04		04						
	LOCATION ID	04-SW-01	04-SW-02	04-SW-03					
SAMPLE ID	04-SW-01-01	04-DS-03 Dup of 04-SW-01-01	04-SW-02-01	04-SW-03-01					
SW6010 - Metals (mg/L)									
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.086	(0.01)	[1]	0.086	(0.01)	[1]	0.06	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	45	(1)	[1]	45	(1)	[1]	35	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]
Copper	0.02	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	1	(0.05)	[1]	0.95	(0.05)	[1]	0.43 B	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	7.8	(1)	[1]	7.7	(1)	[1]	6.6	(1)	[1]
Manganese	0.16	(0.01)	[1]	0.13	(0.01)	[1]	0.1	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]
Potassium	4.9	(3)	[1]	4.9	(3)	[1]	4.1	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	2.7	(1)	[1]	2.1	(1)	[1]	2	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	0.039	(0.02)	[1]	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)									
Arsenic	ND	(0.004)	[1]	ND	(0.004)	[1]	ND	(0.004)	[1]
SW7421 - Lead (mg/L)									
Lead	ND	(0.003)	[1]	0.0078 B	(0.003)	[1]	0.0065 B	(0.003)	[1]
SW7470 - Mercury (mg/L)									
Mercury	ND	(0.00018)	[1]	ND	(0.00018)	[1]	ND	(0.00018)	[1]

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	UNIT	CONCENTRATION	STATUS	REMARKS
	LOCATION ID	SAMPLE ID					
SW7740 - Selenium (mg/L)	04	04	04-SW-01	ND	(0.005)	[1]	
	04-SW-01	04	04-SW-01	ND	(0.005)	[1]	
	04-SW-01-01	04	04-DS-03 Dup of 04-SW-01-01	ND	(0.005)	[1]	
		04	04-SW-02	ND	(0.005)	[1]	
							04-SW-03
							04-SW-03-01

Compiled: 20 March 1995
 () = Detection Limit [] = Factor NA = Not Detected MA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	04		05		05	
	LOCATION ID SAMPLE ID	04-SW-04 04-SW-04-01	LOCATION ID SAMPLE ID	05-MW-01 05-MW-01-01	LOCATION ID SAMPLE ID	05-MW-02 05-MW-02-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.057	(0.01)	[1]	0.16	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	33	(1)	[1]	120	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	ND	(0.01)	[1]	0.021	(0.01)	[1]
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	0.33 B	(0.05)	[1]	19	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	6.5	(1)	[1]	41	(1)	[1]
Manganese	0.075	(0.01)	[1]	12	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	ND	(0.02)	[1]	0.026	(0.02)	[1]
Potassium	4.1	(3)	[1]	4.4	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	2	(1)	[1]	9.1	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)	ND	(0.004)	[1]	0.0047	(0.004)	[1]
Arsenic						
SW7421 - Lead (mg/L)	0.0096	(0.003)	[1]	ND	(0.003)	[1]
Lead						
SW7470 - Mercury (mg/L)	ND	(0.00018)	[1]	ND	(0.00018)	[1]
Mercury						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	UNIT	CONCENTRATION	STATUS
	LOCATION ID	SAMPLE ID				
Selenium (mg/L)	04	05	05	ND	[1]	[1]
	04-SW-04	05-MW-01	05-MW-02	ND	(0.005)	(0.005)
	04-SW-04-01	05-MW-01-01	05-MW-02-01	ND	[1]	[1]
				ND	(0.005)	(0.005)
				ND	[1]	[1]
				ND	(0.005)	(0.005)

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	NA	770	(10)	[1.000000]	NA
Total dissolved solids	ND	ND	ND	(0.2)	[1]	(0.2)
SW6010 - Metals (mg/L)	ND	ND	ND	(0.1)	[1]	(0.1)
Aluminum	ND	ND	ND	(0.3)	[1]	(0.3)
Antimony	ND	ND	ND	(0.01)	[1]	(0.01)
Arsenic	1	1.2	0.19	(0.002)	[1]	(0.002)
Barium	ND	ND	ND	(0.005)	[1]	(0.005)
Beryllium	ND	ND	ND	(1)	[1]	(1)
Cadmium	ND	ND	ND	(0.01)	[1]	(0.01)
Calcium	270	220	210	(0.01)	[1]	(0.01)
Chromium	ND	ND	ND	(0.01)	[1]	(0.01)
Cobalt	0.031	ND	ND	(0.02)	[1]	(0.02)
Copper	ND	ND	ND	(0.05)	[1]	(0.05)
Iron	84	120	0.079 B	(0.05)	[1]	(0.05)
Lead	ND	ND	ND	(1)	[1]	(1)
Magnesium	54	40	46	(0.01)	[1]	(0.01)
Manganese	30	19	0.64	(0.05)	[1]	(0.05)
Molybdenum	ND	ND	ND	(0.02)	[1]	(0.02)
Nickel	0.028	ND	ND	(3)	[1]	(3)
Potassium	4.9	4.2	4.7	(0.3)	[1]	(0.3)
Selenium	ND	ND	ND	(0.01)	[1]	(0.01)
Silver	ND	ND	ND	(1)	[1]	(1)
Sodium	7.7	9.5	11	(0.1)	[1]	(0.1)
Thallium	ND	ND	ND	(0.02)	[1]	(0.02)
Vanadium	ND	ND	ND	(0.02)	[1]	(0.02)
Zinc	ND	ND	ND	(0.02)	[1]	(0.02)
SW7060 - Arsenic (mg/L)	0.021	0.028	ND	(0.004)	[1]	(0.004)
Arsenic	ND	0.0034 B	0.011	(0.003)	[1]	(0.003)
SW7421 - Lead (mg/L)	ND	0.0031 B	0.0047	(0.004)	[1]	(0.004)
Lead	ND	0.0031 B	0.0031 B	(0.003)	[1]	(0.003)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	[1]	[1]	ND	ND	[1]	[1]	[1]	0.00035	(0.00018)	(0.00018)	(0.005)	(0.005)	ND	(0.005)	(0.005)	[1]	[1]
	LOCATION ID	SAMPLE ID																		
SW7470 - Mercury (mg/L)	05	05																		
Mercury	05-MW-04	05-MW-05																		
SW7740 - Selenium (mg/L)	05-MW-04-01	05-MW-05-01																		
Selenium																				

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-MW-08	05-MW-09	05-MW-08	05-MW-09
	05-MW-08-01	05-MW-09-01	05-DS-08 Dup of 05-MW-09-01	05-MW-10
				05-MW-10-01
SW6010 - Metals (mg/L)				
Aluminum	ND	[1] (0.2)	[1] (0.2)	ND (0.2)
Antimony	ND	[1] (0.1)	[1] (0.1)	ND (0.1)
Arsenic	ND	[1] (0.3)	[1] (0.3)	ND (0.3)
Barium	0.17	[1] (0.01)	[1] (0.01)	0.56 (0.01)
Beryllium	ND	[1] (0.002)	[1] (0.002)	ND (0.002)
Cadmium	ND	[1] (0.005)	[1] (0.005)	ND (0.005)
Calcium	200	[1] (1)	[1] (1)	180 (1)
Chromium	ND	[1] (0.01)	[1] (0.01)	ND (0.01)
Cobalt	ND	[1] (0.01)	[1] (0.01)	0.028 (0.01)
Copper	ND	[1] (0.02)	[1] (0.02)	ND (0.02)
Iron	ND	[1] (0.05)	[1] (0.05)	4.3 (0.05)
Lead	ND	[1] (0.05)	[1] (0.05)	ND (0.05)
Magnesium	44	[1] (1)	[1] (1)	40 (1)
Manganese	0.025	[1] (0.01)	[1] (0.01)	27 (0.01)
Molybdenum	ND	[1] (0.05)	[1] (0.05)	ND (0.05)
Nickel	ND	[1] (0.02)	[1] (0.02)	0.038 (0.02)
Potassium	5.5	[1] (3)	[1] (3)	6.2 (3)
Selenium	ND	[1] (0.3)	[1] (0.3)	ND (0.3)
Silver	ND	[1] (0.01)	[1] (0.01)	ND (0.01)
Sodium	9	[1] (1)	[1] (1)	6.3 (1)
Thallium	ND	[1] (0.1)	[1] (0.1)	ND (0.1)
Vanadium	ND	[1] (0.02)	[1] (0.02)	ND (0.02)
Zinc	0.046	[1] (0.02)	[1] (0.02)	ND (0.02)
SW7060 - Arsenic (mg/L)				
Arsenic	ND	[1] (0.004)	[1] (0.004)	ND (0.004)
SW7421 - Lead (mg/L)				
Lead	ND	[1] (0.003)	[1] (0.003)	0.003 B (0.003)
SW7470 - Mercury (mg/L)				
Mercury	0.00035	[1] (0.00018)	[1] (0.00036)	0.00038 (0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		CONCENTRATION	UNIT	REMARKS
	LOCATION ID	SAMPLE ID			
SW7740 - Selenium (mg/L) Selenium	05	05-MW-08	ND	(0.005)	
	05	05-MW-09	[1]	0.0091	(0.005)
	05	05-MW-09-01	[1]	0.0088	(0.005)
	05	05-MW-10	ND	(0.005)	[1]
					05-MW-10-01
					05-DS-08 Dup of 05-MW-09-01

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	05-MW-11	05-MW-12	05-MW-12	05-SW-01
	05-MW-11-01	05-MW-12-01	05-MW-12-01	05-SW-01-01
		05-DS-09 Dup of 05-MW-12-01		
SW6010 - Metals (mg/L)				
Aluminum	ND	(0.2)	[1]	0.21
Antimony	ND	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	ND
Barium	0.26	(0.01)	[1]	1.2
Beryllium	ND	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	ND
Calcium	260	(1)	[1]	210
Chromium	ND	(0.01)	[1]	ND
Cobalt	0.014	(0.01)	[1]	0.011
Copper	ND	(0.02)	[1]	ND
Iron	4.5	(0.05)	[1]	110
Lead	ND	(0.05)	[1]	ND
Magnesium	60	(1)	[1]	40
Manganese	14	(0.01)	[1]	18
Molybdenum	ND	(0.05)	[1]	ND
Nickel	0.032	(0.02)	[1]	0.02
Potassium	5.7	(3)	[1]	4.1
Selenium	ND	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	ND
Sodium	11	(1)	[1]	9.3
Thallium	ND	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	ND
SW7060 - Arsenic (mg/L)	0.0081	(0.004)	[1]	0.028
Arsenic				0.0074
SW7421 - Lead (mg/L)	0.014	(0.003)	[1]	0.0086
Lead				ND
SW7470 - Mercury (mg/L)	ND	(0.00018)	[1]	0.00021 B
Mercury				ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	0.0073	[1]	ND	(0.005)	[1]	0.0073	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]
	LOCATION ID	SAMPLE ID														
Selenium (mg/L)	05	05														
	05-MW-11	05-MW-12														
	05-MW-11-01	05-MW-12-01														
		05-DS-09 Dup of 05-MW-12-01														
		05-SW-01														
		05-SW-01-01														

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		06	
	LOCATION ID	05-SW-02	05-SW-03	05-SW-03	06-MW-01	06-MW-01
SAMPLE ID	05-SW-02-01	05-SW-03-01	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	06-MW-01-01	06-MW-01-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	(0.2)	ND	(0.2)	(0.2)
Antimony	ND	(0.1)	(0.1)	ND	(0.1)	(0.1)
Arsenic	ND	(0.3)	(0.3)	ND	(0.3)	(0.3)
Barium	0.07	(0.01)	(0.01)	0.074	(0.01)	(0.01)
Beryllium	ND	(0.002)	(0.002)	ND	(0.002)	(0.002)
Cadmium	ND	(0.005)	(0.005)	ND	(0.005)	(0.005)
Calcium	42	(1)	(1)	40	(1)	(1)
Chromium	ND	(0.01)	(0.01)	ND	(0.01)	(0.01)
Cobalt	ND	(0.01)	(0.01)	ND	(0.01)	(0.01)
Copper	ND	(0.02)	(0.02)	ND	(0.02)	(0.02)
Iron	0.46 B	(0.05)	(0.05)	0.43 B	(0.05)	(0.05)
Lead	ND	(0.05)	(0.05)	ND	(0.05)	(0.05)
Magnesium	7.8	(1)	(1)	7.4	(1)	(1)
Manganese	0.088	(0.01)	(0.01)	0.061	(0.01)	(0.01)
Molybdenum	ND	(0.05)	(0.05)	ND	(0.05)	(0.05)
Nickel	ND	(0.02)	(0.02)	ND	(0.02)	(0.02)
Potassium	4.8	(3)	(3)	4.6	(3)	(3)
Selenium	ND	(0.3)	(0.3)	ND	(0.3)	(0.3)
Silver	ND	(0.01)	(0.01)	ND	(0.01)	(0.01)
Sodium	1.9	(1)	(1)	1.8	(1)	(1)
Thallium	ND	(0.1)	(0.1)	ND	(0.1)	(0.1)
Vanadium	ND	(0.02)	(0.02)	ND	(0.02)	(0.02)
Zinc	ND	(0.02)	(0.02)	ND	(0.02)	(0.02)
SW7060 - Arsenic (mg/L)	0.004	(0.004)	(0.004)	ND	(0.004)	(0.004)
Arsenic				ND		
SW7421 - Lead (mg/L)	0.0042 B	(0.003)	(0.003)	0.01	(0.003)	(0.003)
Lead				ND		
SW7470 - Mercury (mg/L)	ND	(0.00018)	(0.00018)	ND	(0.00018)	(0.00018)
Mercury				ND		

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	CONCENTRATION	UNITS	REMARKS
	LOCATION ID	SAMPLE ID				
SW7740 - Selenium (mg/L)	05	05	05-SW-02	ND	(0.005)	[1]
		05	05-SW-03	ND	(0.005)	[1]
		05	05-SW-03-01	ND	(0.005)	[1]
		05	05-SW-03-01	05-DS-07 Dup of 05-SW-03-01	ND	(0.005)	[1]
Selenium		06	06-MW-01	ND	(0.005)	[1]
		06	06-MW-01-01			

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	06		06		06	
	06-MW-02	06-MW-03	06-MW-03	06-MW-03	06-MW-04	06-MW-04
06-MW-02-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-03-01	06-MW-04-01	
	ND	ND	ND	ND	ND	ND
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	(0.2)	[1]	(0.2)
Antimony	ND	(0.1)	[1]	(0.1)	[1]	(0.1)
Arsenic	ND	(0.3)	[1]	(0.3)	[1]	(0.3)
Barium	0.25	(0.01)	[1]	(0.01)	[1]	(0.01)
Beryllium	ND	(0.002)	[1]	(0.002)	[1]	(0.002)
Cadmium	ND	(0.005)	[1]	(0.005)	[1]	(0.005)
Calcium	230	(1)	[1]	(1)	[1]	(1)
Chromium	ND	(0.01)	[1]	(0.01)	[1]	(0.01)
Cobalt	ND	(0.01)	[1]	(0.01)	[1]	(0.01)
Copper	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
Iron	0.091 B	(0.05)	[1]	(0.05)	[1]	(0.05)
Lead	ND	(0.05)	[1]	(0.05)	[1]	(0.05)
Magnesium	53	(1)	[1]	(1)	[1]	(1)
Manganese	1.9	(0.01)	[1]	(0.01)	[1]	(0.01)
Molybdenum	ND	(0.05)	[1]	(0.05)	[1]	(0.05)
Nickel	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
Potassium	4	(3)	[1]	(3)	[1]	(3)
Selenium	ND	(0.3)	[1]	(0.3)	[1]	(0.3)
Silver	ND	(0.01)	[1]	(0.01)	[1]	(0.01)
Sodium	13	(1)	[1]	(1)	[1]	(1)
Thallium	ND	(0.1)	[1]	(0.1)	[1]	(0.1)
Vanadium	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
Zinc	ND	(0.02)	[1]	(0.02)	[1]	(0.02)
SW7060 - Arsenic (mg/L)	ND	(0.004)	[1]	(0.004)	[1]	(0.004)
Arsenic	ND	(0.004)	[1]	(0.004)	[1]	(0.004)
SW7421 - Lead (mg/L)	0.017	(0.003)	[1]	(0.003)	[1]	(0.003)
Lead	0.017	(0.003)	[1]	(0.003)	[1]	(0.003)
SW7470 - Mercury (mg/L)	ND	(0.00018)	[1]	(0.00018)	[1]	(0.00018)
Mercury	ND	(0.00018)	[1]	(0.00018)	[1]	(0.00018)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	CONCENTRATION	UNIT	STATUS	REMARKS
	LOCATION ID	SAMPLE ID					
SW7740 - Selenium (mg/L)	06	06	06	ND	(0.005)	[1]	
	06-MW-02	06-MW-03	06-MW-03	ND	(0.005)	[1]	
	06-MW-02-01	06-MW-03-01	06-MW-03-01	ND	(0.005)	[1]	
		06-DS-08 Dup of 06-MW-03-01	06-DS-08 Dup of 06-MW-03-01	ND	(0.005)	[1]	
		06-MW-04	06-MW-04	ND	(0.005)	[1]	
		06-MW-04-01	06-MW-04-01	ND	(0.005)	[1]	

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	06	06	06	06
	06-MW-06 06-MW-06-01	06-SW-01 06-SW-01-01	06-DS-07 Dup of 06-SW-01-01	06-SW-02 06-SW-02-01
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW6010 - Metals (mg/L)				
Aluminum	ND	ND	ND	ND
Antimony	ND	0.11	0.12	ND
Arsenic	ND	ND	ND	ND
Barium	0.43	0.32	0.32	0.4
Beryllium	ND	ND	ND	ND
Cadmium	ND	ND	ND	ND
Calcium	210	190	190	190
Chromium	ND	ND	ND	ND
Cobalt	0.024	ND	ND	0.016
Copper	ND	ND	ND	ND
Iron	8.8	ND	ND	31
Lead	ND	ND	ND	ND
Magnesium	37	35	35	34
Manganese	22	3.2	3.1	6
Molybdenum	ND	ND	ND	ND
Nickel	0.02	ND	ND	ND
Potassium	5	15	14	13
Selenium	ND	ND	ND	ND
Silver	ND	ND	ND	ND
Sodium	30	40	39	36
Thallium	ND	ND	ND	ND
Vanadium	ND	ND	ND	ND
Zinc	ND	ND	ND	0.02
SW7060 - Arsenic (mg/L)				
Arsenic	0.0061	0.0049	0.0052	0.016
SW7421 - Lead (mg/L)				
Lead	0.0058 B	ND	ND	ND
SW7470 - Mercury (mg/L)				
Mercury	ND	0.00027 B	0.00029 B	0.00029 B

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	UNIT	CONCENTRATION	STATUS	REMARKS
	LOCATION ID	SAMPLE ID					
SW7740 - Selenium (mg/L)	06	06	06-MW-06	ND	(0.005)	[1]	
			06-MW-06-01	ND	(0.005)	[1]	
			06-SW-01	ND	(0.005)	[1]	
			06-SW-01-01	ND	(0.005)	[1]	
			06-DS-07 Dup of 06-SW-01-01	ND	(0.005)	[1]	
			06-SW-02	ND	(0.005)	[1]	
		06-SW-02-01	ND	(0.005)	[1]		

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		07	
	LOCATION ID	07-MW-01	07-MW-02	07-MW-02
SAMPLE ID	07-DS-09 Dup of 07-MW-01-01	07-MW-02-01	Dup of 07-MW-02-01	
E160.1 - Residue, Filterable (TDS) (mg/L)	620	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]
Total dissolved solids	620	(10) [1.000000]	(10) [1.000000]	(10) [1.000000]
SW6010 - Metals (mg/L)				
Aluminum	ND	[1] (0.2)	[1] (0.2)	ND (0.2)
Antimony	0.12	[1] (0.1)	[1] (0.1)	ND (0.1)
Arsenic	ND	[1] (0.3)	[1] (0.3)	ND (0.3)
Barium	0.5	[1] (0.01)	[1] (0.01)	0.72 (0.01)
Beryllium	ND	[1] (0.002)	[1] (0.002)	ND (0.002)
Cadmium	ND	[1] (0.005)	[1] (0.005)	ND (0.005)
Calcium	95	[1] (1)	[1] (1)	100 (1)
Chromium	ND	[1] (0.01)	[1] (0.01)	ND (0.01)
Cobalt	ND	[1] (0.01)	[1] (0.01)	ND (0.01)
Copper	ND	[1] (0.02)	[1] (0.02)	ND (0.02)
Iron	6.3	[1] (0.05)	[1] (0.05)	9.5 (0.05)
Lead	0.054	[1] (0.05)	[1] (0.05)	0.052 (0.05)
Magnesium	70	[1] (1)	[1] (1)	94 (1)
Manganese	0.82	[1] (0.01)	[1] (0.01)	0.45 (0.01)
Molybdenum	ND	[1] (0.05)	[1] (0.05)	ND (0.05)
Nickel	0.021	[1] (0.02)	[1] (0.02)	ND (0.02)
Potassium	4.4	[1] (3)	[1] (3)	5.4 (3)
Selenium	ND	[1] (0.3)	[1] (0.3)	ND (0.3)
Silver	ND	[1] (0.01)	[1] (0.01)	ND (0.01)
Sodium	23	[1] (1)	[1] (1)	60 (1)
Thallium	ND	[1] (0.1)	[1] (0.1)	ND (0.1)
Vanadium	ND	[1] (0.02)	[1] (0.02)	ND (0.02)
Zinc	ND	[1] (0.02)	[1] (0.02)	ND (0.02)
SW7060 - Arsenic (mg/L)				
Arsenic	0.0075	[1] (0.004)	[1] (0.004)	0.0068 (0.004)
SW7421 - Lead (mg/L)				
Lead	0.017	[1] (0.003)	[1] (0.003)	0.0031 B (0.003)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW7470 - Mercury (mg/L)	07 07-MW-01	07 07-MW-01
	07 07-MW-01-01	07 07-MW-01 Dup of 07-MW-01-01
Mercury	07 07-MW-01	07 07-MW-02
	07 07-MW-01-01	07 07-MW-02 Dup of 07-MW-02-01
SW7740 - Selenium (mg/L)		
Selenium	07 07-MW-01	07 07-MW-01
	07 07-MW-01-01	07 07-MW-01-01

SW7470 - Mercury (mg/L)
 Mercury
 SW7740 - Selenium (mg/L)
 Selenium

0.0003 B (0.00018)	[1]	0.0003 B (0.00018)	[1]	0.00032 B (0.00018)	[1]
ND (0.005)	[1]	ND (0.005)	[1]	ND (0.005)	[1]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	07		07					
	LOCATION ID	07-MW-03	LOCATION ID	07-MW-04				
SAMPLE ID	07-MW-03-01	07-MW-04-01	07-SW-01-01	07-SW-02-01				
E160.1 - Residue, Filterable (TDS) (mg/L)	870	(10) [1.000000]	840	(10) [1.000000]	6300	(10) [1.000000]	2000	(10) [1.000000]
Total dissolved solids	ND	(0.2)	ND	(0.2)	ND	(0.2)	ND	(0.2)
SW6010 - Metals (mg/L)	ND	(0.1)	ND	(0.1)	0.12	(0.1)	0.18	(0.1)
Aluminum	ND	(0.3)	ND	(0.3)	ND	(0.3)	ND	(0.3)
Antimony	0.14	(0.01)	0.17	(0.01)	0.82	(0.01)	0.74	(0.01)
Arsenic	ND	(0.002)	ND	(0.002)	ND	(0.002)	ND	(0.002)
Barium	ND	(0.005)	ND	(0.005)	ND	(0.005)	ND	(0.005)
Beryllium	110	(1)	120	(1)	270	(1)	220	(1)
Cadmium	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)
Calcium	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)
Chromium	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)
Cobalt	1.3	(0.05)	1.2	(0.05)	7.6	(0.05)	60	(0.05)
Copper	ND	(0.05)	ND	(0.05)	ND	(0.05)	ND	(0.05)
Iron	100	(1)	82	(1)	140	(1)	96	(1)
Lead	1.2	(0.01)	2.1	(0.01)	2.1	(0.01)	2.2	(0.01)
Magnesium	ND	(0.05)	ND	(0.05)	ND	(0.05)	ND	(0.05)
Manganese	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)
Molybdenum	4.5	(3)	6.1	(3)	7.1	(3)	ND	(3)
Nickel	ND	(0.3)	ND	(0.3)	ND	(0.3)	ND	(0.3)
Potassium	ND	(0.01)	ND	(0.01)	ND	(0.01)	ND	(0.01)
Selenium	29	(1)	35	(1)	1800	(4)	330	(1)
Silver	ND	(0.1)	ND	(0.1)	ND	(0.1)	ND	(0.1)
Sodium	ND	(0.02)	ND	(0.02)	ND	(0.02)	ND	(0.02)
Thallium	ND	(0.02)	ND	(0.02)	0.022	(0.02)	ND	(0.02)
Vanadium	ND	(0.004)	ND	(0.004)	ND	(0.004)	0.0069	(0.004)
Zinc	0.0034 B	(0.003)	ND	(0.003)	0.046	(0.003)	0.01	(0.003)
SW7060 - Arsenic (mg/L)	ND	(0.004)	ND	(0.004)	ND	(0.004)	ND	(0.004)
Arsenic	ND	(0.003)	ND	(0.003)	ND	(0.003)	ND	(0.003)
SW7421 - Lead (mg/L)	0.0034 B	(0.003)	ND	(0.003)	0.046	(0.003)	0.01	(0.003)
Lead	0.0034 B	(0.003)	ND	(0.003)	0.046	(0.003)	0.01	(0.003)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	[1]	[1]	ND	ND	[1]	[1]	ND	ND	[1]	[1]
	LOCATION ID	SAMPLE ID											
SW7470 - Mercury (mg/L)	07	07											
Mercury	07-MW-03	07-MW-04	0.00031 B (0.00018)	0.00029 B (0.00018)	0.00018 (0.00018)	ND	ND	0.00018 (0.00018)	0.00018 (0.00018)	ND	ND	0.00018 (0.00018)	0.00018 (0.00018)
SW7740 - Selenium (mg/L)	07-MW-03-01	07-MW-04-01	ND	ND	0.005 (0.005)	ND	ND	0.005 (0.005)	0.005 (0.005)	ND	ND	0.005 (0.005)	0.005 (0.005)
Selenium													

TABLE A3 RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-01	09-MW-01	09-MW-01	09-MW-02	09-MW-03	09-MW-03
	09-MW-01-01	09-MW-01	09-DS-07 Dup of 09-MW-01-01	09-MW-02-01	09-MW-03-01	09-MW-03-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	(0.2)	[1]	ND
Antimony	ND	(0.1)	[1]	(0.1)	[1]	ND
Arsenic	ND	(0.3)	[1]	(0.3)	[1]	ND
Barium	0.3	(0.01)	[1]	(0.01)	[1]	0.38
Beryllium	ND	(0.002)	[1]	(0.002)	[1]	ND
Cadmium	ND	(0.005)	[1]	(0.005)	[1]	ND
Calcium	160	(1)	[1]	(1)	[1]	160
Chromium	ND	(0.01)	[1]	(0.01)	[1]	ND
Cobalt	ND	(0.01)	[1]	(0.01)	[1]	ND
Copper	ND	(0.02)	[1]	(0.02)	[1]	ND
Iron	22	(0.05)	[1]	(0.05)	[1]	2.9
Lead	ND	(0.05)	[1]	(0.05)	[1]	9.6
Magnesium	29	(1)	[1]	(1)	[1]	17
Manganese	4	(0.01)	[1]	(0.01)	[1]	0.96
Molybdenum	ND	(0.05)	[1]	(0.05)	[1]	ND
Nickel	ND	(0.02)	[1]	(0.02)	[1]	0.024
Potassium	5.1	(3)	[1]	(3)	[1]	4.9
Selenium	ND	(0.3)	[1]	(0.3)	[1]	ND
Silver	ND	(0.01)	[1]	(0.01)	[1]	ND
Sodium	15	(1)	[1]	(1)	[1]	15
Thallium	ND	(0.1)	[1]	(0.1)	[1]	ND
Vanadium	ND	(0.02)	[1]	(0.02)	[1]	ND
Zinc	ND	(0.02)	[1]	(0.02)	[1]	0.021
SW7060 - Arsenic (mg/L)						
Arsenic	ND	(0.004)	[1]	(0.004)	[1]	ND
SW7421 - Lead (mg/L)						
Lead	ND	(0.003)	[1]	(0.003)	[1]	0.039
SW7470 - Mercury (mg/L)						
Mercury	0.00036	(0.00018)	[1]	(0.00018)	[1]	0.00036

Compiled: 20 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)	[1]
	LOCATION ID	SAMPLE ID										
SW7740 - Selenium (mg/L) Selenium	09	09										
	09-MW-01	09-MW-01										
	09-MW-01-01	09-DS-07 Dup of 09-MW-01-01										
		09-MW-02 09-MW-02-01										
		09										
		09-MW-03 09-MW-03-01										

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID SAMPLE ID	09-MW-03 09-DS-08 Dup of 09-MW-03-01	09-MW-04 09-MW-04-01	09-MW-05 09-MW-05-01	09-MW-06 09-MW-06-01	
SW6010 - Metals (mg/L)						
Aluminum	ND	[1] (0.2)	ND	[1] (0.2)	ND	[1] (0.2)
Antimony	ND	[1] (0.1)	ND	[1] (0.1)	ND	[1] (0.1)
Arsenic	ND	[1] (0.3)	ND	[1] (0.3)	ND	[1] (0.3)
Barium	0.37	[1] (0.01)	0.26	[1] (0.01)	0.28	[1] (0.01)
Beryllium	ND	[1] (0.002)	ND	[1] (0.002)	ND	[1] (0.002)
Cadmium	ND	[1] (0.005)	ND	[1] (0.005)	ND	[1] (0.005)
Calcium	160	[1] (1)	230	[1] (1)	130	[1] (1)
Chromium	ND	[1] (0.01)	ND	[1] (0.01)	ND	[1] (0.01)
Cobalt	ND	[1] (0.01)	ND	[1] (0.01)	ND	[1] (0.01)
Copper	ND	[1] (0.02)	ND	[1] (0.02)	ND	[1] (0.02)
Iron	8.1	[1] (0.05)	2.2	[1] (0.05)	3.8	[1] (0.05)
Lead	ND	[1] (0.05)	ND	[1] (0.05)	ND	[1] (0.05)
Magnesium	24	[1] (1)	34	[1] (1)	21	[1] (1)
Manganese	1	[1] (0.01)	0.76	[1] (0.01)	1.9	[1] (0.01)
Molybdenum	ND	[1] (0.05)	ND	[1] (0.05)	ND	[1] (0.05)
Nickel	ND	[1] (0.02)	ND	[1] (0.02)	ND	[1] (0.02)
Potassium	5.3	[1] (3)	5.4	[1] (3)	4.4	[1] (3)
Selenium	ND	[1] (0.3)	ND	[1] (0.3)	ND	[1] (0.3)
Silver	ND	[1] (0.01)	ND	[1] (0.01)	ND	[1] (0.01)
Sodium	32	[1] (1)	22	[1] (1)	40	[1] (1)
Thallium	ND	[1] (0.1)	ND	[1] (0.1)	ND	[1] (0.1)
Vanadium	ND	[1] (0.02)	ND	[1] (0.02)	ND	[1] (0.02)
Zinc	ND	[1] (0.02)	ND	[1] (0.02)	ND	[1] (0.02)
SW7060 - Arsenic (mg/L)	ND	[1] (0.004)	ND	[1] (0.004)	ND	[1] (0.004)
Arsenic						
SW7421 - Lead (mg/L)	0.0043 B	[1] (0.003)	ND	[1] (0.003)	0.005 B	[1] (0.003)
Lead						
SW7470 - Mercury (mg/L)	0.00032 B	[1] (0.00018)	0.00035	[1] (0.00018)	0.00033 B	[1] (0.00018)
Mercury						

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	CONCENTRATION	UNIT	REMARKS
	LOCATION ID	SAMPLE ID				
SW7740 - Selenium (mg/L) Selenium	09	09	09-DS-08 Dup of 09-MW-03-01	ND	(0.005)	[1]
		09	09-MW-04	ND	(0.005)	[1]
		09	09-MW-05	ND	(0.005)	[1]
		09	09-MW-06	ND	(0.005)	[1]
		09	09-MW-04-01	ND	(0.005)	[1]
		09	09-MW-06-01	ND	(0.005)	[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		09		09	
	LOCATION ID SAMPLE ID	09-MW-07 09-MW-07-01	LOCATION ID SAMPLE ID	09-MW-08 09-MW-08-01	LOCATION ID SAMPLE ID	09-MW-10 09-MW-10-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	[1]
Antimony	ND	(0.1)	[1]	ND	(0.1)	[1]
Arsenic	ND	(0.3)	[1]	ND	(0.3)	[1]
Barium	0.16	(0.01)	[1]	0.65	(0.01)	[1]
Beryllium	ND	(0.002)	[1]	ND	(0.002)	[1]
Cadmium	ND	(0.005)	[1]	ND	(0.005)	[1]
Calcium	170	(1)	[1]	150	(1)	[1]
Chromium	ND	(0.01)	[1]	ND	(0.01)	[1]
Cobalt	ND	(0.01)	[1]	0.052	(0.01)	[1]
Copper	ND	(0.02)	[1]	ND	(0.02)	[1]
Iron	ND	(0.05)	[1]	65	(0.05)	[1]
Lead	ND	(0.05)	[1]	ND	(0.05)	[1]
Magnesium	40	(1)	[1]	24	(1)	[1]
Manganese	ND	(0.01)	[1]	9	(0.01)	[1]
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	[1]
Nickel	ND	(0.02)	[1]	0.039	(0.02)	[1]
Potassium	5	(3)	[1]	4.3	(3)	[1]
Selenium	ND	(0.3)	[1]	ND	(0.3)	[1]
Silver	ND	(0.01)	[1]	ND	(0.01)	[1]
Sodium	7.5	(1)	[1]	8.2	(1)	[1]
Thallium	ND	(0.1)	[1]	ND	(0.1)	[1]
Vanadium	ND	(0.02)	[1]	ND	(0.02)	[1]
Zinc	ND	(0.02)	[1]	ND	(0.02)	[1]
SW7060 - Arsenic (mg/L)						
Arsenic	ND	(0.004)	[1]	0.013	(0.004)	[1]
SW7421 - Lead (mg/L)						
Lead	0.0065 B	(0.003)	[1]	0.02	(0.003)	[1]
SW7470 - Mercury (mg/L)						
Mercury	0.00037	(0.00018)	[1]	ND	(0.00018)	[1]

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITING ID		LOCATION ID		SAMPLE ID	
	09	09	09	09	09	09
	09-MW-07	09-MW-08	09-MW-10	09-MW-11	09-MW-10-01	09-MW-11-01
	09-MW-07-01	09-MW-08-01				
SW7740 - Selenium (mg/L)	0.0063	[1]	ND	[1]	ND	[1]
Selenium	(0.005)	[1]	ND	[1]	ND	(0.005)
						[1]

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	09		10		10	
	LOCATION ID SAMPLE ID	09-MW-12 09-MW-12-01	09-MW-14 09-MW-14-01	10-MW-01 10-MW-01-02	10-MW-02 10-MW-02-02	
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	ND	(0.2)	ND	(0.2)
Antimony	ND	(0.1)	ND	(0.1)	ND	(0.1)
Arsenic	ND	(0.3)	ND	(0.3)	ND	(0.3)
Barium	0.8	(0.01)	0.13	(0.01)	0.3	(0.01)
Beryllium	ND	(0.002)	ND	(0.002)	ND	(0.002)
Cadmium	ND	(0.005)	ND	(0.005)	ND	(0.005)
Calcium	230	(1)	170	(1)	190	(1)
Chromium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Cobalt	0.026	(0.01)	ND	(0.01)	ND	(0.01)
Copper	ND	(0.02)	ND	(0.02)	ND	(0.02)
Iron	130	(0.05)	ND	(0.05)	2.7	(0.05)
Lead	ND	(0.05)	ND	(0.05)	ND	(0.05)
Magnesium	47	(1)	36	(1)	34	(1)
Manganese	2.9	(0.01)	0.032	(0.01)	0.88	(0.01)
Molybdenum	ND	(0.05)	ND	(0.05)	ND	(0.05)
Nickel	0.053	(0.02)	ND	(0.02)	0.026	(0.02)
Potassium	10	(3)	5.1	(3)	6.6	(3)
Selenium	ND	(0.3)	ND	(0.3)	ND	(0.3)
Silver	ND	(0.01)	ND	(0.01)	ND	(0.01)
Sodium	27	(1)	15	(1)	30	(1)
Thallium	ND	(0.1)	ND	(0.1)	ND	(0.1)
Vanadium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Zinc	ND	(0.02)	ND	(0.02)	ND	(0.02)
SW7060 - Arsenic (mg/L)						
Arsenic	0.06	(0.004)	ND	(0.004)	ND	(0.004)
SW7421 - Lead (mg/L)						
Lead	0.0081 B	(0.003)	ND	(0.003)	0.0083	(0.003)
SW7470 - Mercury (mg/L)						
Mercury	ND	(0.00018)	0.00036	(0.00018)	0.0003 B	(0.00018)

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		ND	[1]	ND	[1]	ND	[1]	ND	[1]
	LOCATION ID	SAMPLE ID								
SW7740 - Selenium (mg/L)	09	09	ND	(0.005)	[1]	ND	(0.005)	[1]	ND	(0.005)
	09-MW-12	09-MW-14								
	09-MW-12-01	09-MW-14-01								
		10								
		10-MW-01								
		10-MW-01-02								

() = Detection Limit [] = Factor NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		11		11	
	LOCATION ID SAMPLE ID	10-MW-03 10-MW-03-02	10-MW-06 Dup of 10-MW-02-02	10-MW-03 10-MW-03-02	11-MW-01 11-MW-01-01	11-MW-02 11-MW-02-01
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	[1]	ND	(0.2)	ND
Antimony	0.12	(0.1)	[1]	ND	(0.1)	ND
Arsenic	ND	(0.3)	[1]	ND	(0.3)	ND
Barium	0.95	(0.01)	[1]	0.23	(0.01)	0.44
Beryllium	ND	(0.002)	[1]	ND	(0.002)	ND
Cadmium	ND	(0.005)	[1]	ND	(0.005)	ND
Calcium	160.	(1)	[1]	180	(1)	200
Chromium	ND	(0.01)	[1]	ND	(0.01)	ND
Cobalt	0.013	(0.01)	[1]	ND	(0.01)	0.032
Copper	ND	(0.02)	[1]	ND	(0.02)	ND
Iron	140	(0.05)	[1]	1.6	(0.05)	2.6
Lead	ND	(0.05)	[1]	ND	(0.05)	ND
Magnesium	25	(1)	[1]	21	(1)	34
Manganese	8.5	(0.01)	[1]	0.57	(0.01)	30
Molybdenum	ND	(0.05)	[1]	ND	(0.05)	ND
Nickel	ND	(0.02)	[1]	0.021	(0.02)	0.042
Potassium	5.4	(3)	[1]	4	(3)	3.6
Selenium	ND	(0.3)	[1]	ND	(0.3)	ND
Silver	ND	(0.01)	[1]	ND	(0.01)	ND
Sodium	27	(1)	[1]	12	(1)	15
Thallium	ND	(0.1)	[1]	ND	(0.1)	ND
Vanadium	ND	(0.02)	[1]	ND	(0.02)	ND
Zinc	ND	(0.02)	[1]	0.023	(0.02)	ND
SW7060 - Arsenic (mg/L)	0.037	(0.004)	[1]	ND	(0.004)	0.005
SW7421 - Lead (mg/L)	0.021	(0.003)	[1]	0.02	(0.003)	0.018
SW7470 - Mercury (mg/L)	0.0003 B	(0.00018)	[1]	0.0003 B	(0.00018)	ND
Mercury			[1]			(0.00018)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		PARAMETER	CONCENTRATION	UNIT	STATUS
	LOCATION ID	SAMPLE ID				
SW7740 - Selenium (mg/L)	10	10	ND	(0.005)	[1]	ND
	10-MW-02	10-MW-03	ND	(0.005)	[1]	ND
	10-DS-06 Dup of 10-MW-02-02	10-MW-03-02	ND	(0.005)	[1]	ND
		11	0.007	(0.005)	[1]	ND
		11-MW-01		(0.005)	[1]	ND
		11-MW-02-01		(0.005)	[1]	ND

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	12		12		12	
	12-MW-01		12-MW-02		12-MW-02-01	
	CONCENTRATION	DETECTION LIMIT	CONCENTRATION	DETECTION LIMIT	CONCENTRATION	DETECTION LIMIT
SW6010 - Metals (mg/L)						
Aluminum	ND	(0.2)	ND	(0.2)	ND	(0.2)
Antimony	ND	(0.1)	ND	(0.1)	ND	(0.1)
Arsenic	ND	(0.3)	ND	(0.3)	ND	(0.3)
Barium	0.18	(0.01)	0.18	(0.01)	0.18	(0.01)
Beryllium	ND	(0.002)	ND	(0.002)	ND	(0.002)
Cadmium	ND	(0.005)	ND	(0.005)	ND	(0.005)
Calcium	150	(1)	150	(1)	150	(1)
Chromium	ND	(0.01)	ND	(0.01)	ND	(0.01)
Cobalt	ND	(0.01)	ND	(0.01)	ND	(0.01)
Copper	ND	(0.02)	ND	(0.02)	ND	(0.02)
Iron	0.059 B	(0.05)	0.053 B	(0.05)	0.053 B	(0.05)
Lead	ND	(0.05)	ND	(0.05)	ND	(0.05)
Magnesium	27	(1)	28	(1)	28	(1)
Manganese	0.034	(0.01)	ND	(0.01)	ND	(0.01)
Molybdenum	ND	(0.05)	ND	(0.05)	ND	(0.05)
Nickel	ND	(0.02)	ND	(0.02)	ND	(0.02)
Potassium	3.5	(3)	3.4	(3)	3.4	(3)
Selenium	ND	(0.3)	ND	(0.3)	ND	(0.3)
Silver	ND	(0.01)	ND	(0.01)	ND	(0.01)
Sodium	5.9	(1)	5.6	(1)	5.6	(1)
Thallium	ND	(0.1)	ND	(0.1)	ND	(0.1)
Vanadium	ND	(0.02)	ND	(0.02)	ND	(0.02)
Zinc	ND	(0.02)	ND	(0.02)	ND	(0.02)
SW7060 - Arsenic (mg/L)						
Arsenic	ND	(0.004)	ND	(0.004)	ND	(0.004)
SW7421 - Lead (mg/L)						
Lead	0.0085	(0.003)	0.0046 B	(0.003)	0.0046 B	(0.003)
SW7470 - Mercury (mg/L)						
Mercury	ND	(0.00018)	ND	(0.00018)	ND	(0.00018)

Compiled: 20 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A3

RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		[1]	ND	(0.005)	[1]	ND	(0.005)	[1]
	LOCATION ID	SAMPLE ID							
-----	12	12							
	12-MW-01	12-MW-02							
	12-MW-01-01	12-MW-02-01							
	-----	-----							
SW7740 - Selenium (mg/L)									
Selenium									

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	51	(24)	[118]	[122]	100	(24)	[230]	[2270]	[118]	[122]	13	(0.4)	[39.72983]	1.8	(0.41)	[41.33939]
	01		01																		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID																	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																					
Diesel Range Organics (2)	27	(0.44)	[44.48398]	ND	(27)	[133]	(24)	[122]	100	(24)	[230]	[2270]	[118]	[122]	13	(0.4)	[39.72983]	1.8	(0.41)	[41.33939]	
Gasoline Range Organics (2)	ND	(0.44)	[44.48398]	16 B	(13)	[128]	(12)	[122]	ND	(230)	[2270]	[118]	[122]	ND	1.6	(0.4)	[39.72983]	0.13	(0.41)	[41.33939]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																					
4,4'-DDD	3.9	(0.44)	[44.48398]	ND	(27)	[133]	(24)	[122]	100	(24)	[230]	[2270]	[118]	[122]	13	(0.4)	[39.72983]	1.8	(0.41)	[41.33939]	
4,4'-DDE	1.5	(0.44)	[44.48398]	ND	(13)	[128]	(12)	[122]	ND	(230)	[2270]	[118]	[122]	ND	1.6	(0.4)	[39.72983]	0.13	(0.41)	[41.33939]	
4,4'-DDT	6.3	(0.89)	[44.48398]	ND	(13)	[128]	(12)	[122]	1.1	(0.79)	[39.72983]	[118]	[122]	0.24	1.1	(0.79)	[39.72983]	0.24	(0.83)	[41.33939]	
Aldrin	0.04	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	0.6 B	(0.4)	[39.72983]	[118]	[122]	0.032	0.6 B	(0.4)	[39.72983]	0.032	(0.41)	[41.33939]	
Chlordane	ND	(2.2)	[44.48398]	ND	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	[118]	[122]	ND	ND	(2)	[39.72983]	ND	(2.1)	[41.33939]	
Dieldrin	0.42	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	ND	(0.4)	[39.72983]	[118]	[122]	ND	ND	(0.4)	[39.72983]	ND	(0.41)	[41.33939]	
Endosulfan I	ND	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	0.49 B	(0.4)	[39.72983]	[118]	[122]	0.12	0.49 B	(0.4)	[39.72983]	0.12	(0.41)	[41.33939]	
Endosulfan II	1.1	(1.3)	[44.48398]	0.92	(1.3)	[44.48398]	(1.2)	[41.00041]	0.7	(1.2)	[39.72983]	[118]	[122]	0.66	0.7	(1.2)	[39.72983]	0.66	(1.2)	[41.33939]	
Endosulfan Sulfate	ND	(2.2)	[44.48398]	ND	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	[118]	[122]	0.04	ND	(2)	[39.72983]	0.04	(2.1)	[41.33939]	
Endrin	ND	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	ND	(0.4)	[39.72983]	[118]	[122]	ND	ND	(0.4)	[39.72983]	ND	(0.41)	[41.33939]	
Endrin Aldehyde	ND	(0.89)	[44.48398]	0.19	(0.89)	[44.48398]	(0.82)	[41.00041]	0.052	(0.79)	[39.72983]	[118]	[122]	0.29	0.052	(0.79)	[39.72983]	0.29	(0.83)	[41.33939]	
Heptachlor	ND	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	ND	(0.4)	[39.72983]	[118]	[122]	ND	ND	(0.4)	[39.72983]	ND	(0.41)	[41.33939]	
Heptachlor epoxide	0.056	(0.44)	[44.48398]	0.14	(0.44)	[44.48398]	(0.4)	[41.00041]	0.23	(0.4)	[39.72983]	[118]	[122]	0.056	0.23	(0.4)	[39.72983]	0.056	(0.41)	[41.33939]	
Methoxychlor	0.27	(2.2)	[44.48398]	0.12	(2.2)	[44.48398]	(2.1)	[41.00041]	ND	(2)	[39.72983]	[118]	[122]	ND	ND	(2)	[39.72983]	ND	(2.1)	[41.33939]	
PCB-1016	ND	(4.4)	[44.48398]	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	[118]	[122]	ND	ND	(4)	[39.72983]	ND	(4.1)	[41.33939]	
PCB-1221	ND	(8.9)	[44.48398]	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	[118]	[122]	ND	ND	(7.9)	[39.72983]	ND	(8.3)	[41.33939]	
PCB-1232	ND	(8.9)	[44.48398]	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	[118]	[122]	ND	ND	(7.9)	[39.72983]	ND	(8.3)	[41.33939]	
PCB-1242	ND	(4.4)	[44.48398]	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	[118]	[122]	ND	ND	(4)	[39.72983]	ND	(4.1)	[41.33939]	
PCB-1248	ND	(4.4)	[44.48398]	ND	(4.4)	[44.48398]	(4.1)	[41.00041]	ND	(4)	[39.72983]	[118]	[122]	ND	ND	(4)	[39.72983]	ND	(4.1)	[41.33939]	
PCB-1254	ND	(8.9)	[44.48398]	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	[118]	[122]	ND	ND	(7.9)	[39.72983]	ND	(8.3)	[41.33939]	
PCB-1260	ND	(8.9)	[44.48398]	ND	(8.9)	[44.48398]	(8.2)	[41.00041]	ND	(7.9)	[39.72983]	[118]	[122]	ND	ND	(7.9)	[39.72983]	ND	(8.3)	[41.33939]	
Toxaphene	ND	(22)	[44.48398]	ND	(22)	[44.48398]	(21)	[41.00041]	ND	(20)	[39.72983]	[118]	[122]	ND	ND	(20)	[39.72983]	ND	(21)	[41.33939]	
alpha-BHC	0.32	(0.44)	[44.48398]	0.26	(0.44)	[44.48398]	(0.41)	[41.00041]	0.24	(0.4)	[39.72983]	[118]	[122]	0.27	0.24	(0.4)	[39.72983]	0.27	(0.41)	[41.33939]	
beta-BHC	0.013	(0.44)	[44.48398]	ND	(0.44)	[44.48398]	(0.4)	[41.00041]	ND	(0.4)	[39.72983]	[118]	[122]	0.066	ND	(0.4)	[39.72983]	0.066	(0.41)	[41.33939]	
delta-BHC	ND	(0.44)	[44.48398]	0.29	(0.44)	[44.48398]	(0.4)	[41.00041]	0.45	(0.4)	[39.72983]	[118]	[122]	ND	0.45	(0.4)	[39.72983]	0.45	(0.41)	[41.33939]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID		0.47 B	0.54 PB	0.44 B	(0.41) [41.00041]	(0.4) [39.72983]	(0.41) [41.33939]
	01	01		01-SB-01	01						
gamma-BHC	1.4 B	(0.44) [44.48398]	0.47 B	0.54 PB	(0.4) [41.00041]	(0.4) [39.72983]	0.44 B	(0.41) [41.33939]			
SW8240 - Volatile Organics (ug/kg)											
1,1,1-Trichloroethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,1,2,2-Tetrachloroethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,1,2-Trichloroethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,1-Dichloroethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,1-Dichloroethene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,2-Dichloroethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
1,2-Dichloropropane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
2-Chloroethyl vinyl ether	ND	(13) [1.338688]	ND	ND	(12) [1.234567]	(260) [26.10966]	ND	(12) [1.242236]			
2-Hexanone	ND	(67) [1.338688]	ND	ND	(62) [1.234567]	(1300) [26.10966]	ND	(62) [1.242236]			
4-Methyl-2-pentanone (MIBK)	ND	(67) [1.338688]	ND	ND	(62) [1.234567]	(1300) [26.10966]	ND	(62) [1.242236]			
Acetone	ND	(130) [1.338688]	ND	ND	(120) [1.234567]	(2600) [26.10966]	ND	(120) [1.242236]			
Benzene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Bromodichloromethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Bromomethane	ND	(13) [1.338688]	ND	ND	(12) [1.234567]	(260) [26.10966]	ND	(12) [1.242236]			
Carbon disulfide	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Carbon tetrachloride	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Chlorobenzene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Chloroethane	ND	(13) [1.338688]	ND	ND	(12) [1.234567]	(260) [26.10966]	ND	(12) [1.242236]			
Chloroform	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Chloromethane	ND	(13) [1.338688]	ND	ND	(12) [1.234567]	(260) [26.10966]	ND	(12) [1.242236]			
Dibromochloromethane	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Ethyl benzene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Methyl ethyl ketone	ND	(130) [1.338688]	ND	ND	(120) [1.234567]	(2600) [26.10966]	ND	(120) [1.242236]			
Methylene chloride	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Styrene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Tetrachloroethene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			
Toluene	ND	(6.7) [1.338688]	ND	ND	(6.2) [1.234567]	(130) [26.10966]	ND	(6.2) [1.242236]			

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (ug/kg)	REMARKS
	LOCATION ID		SAMPLE ID				
	01	01	01	01			
	01-MW-01	01-MW-02	01-SB-01	01-SB-01			
	01-MW-01-02	01-MW-02-02	01-SB-01-01	01-SB-01-02			
	5 - 7	5 - 7	3 - 5	8 - 10			

Tribromomethane(Bromoform)	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
Trichloroethene	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
Vinyl acetate	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
Vinyl chloride	ND	(13) [1.38688]	ND	(12) [1.234567]	ND	(260) [26.10966]	(12) [1.242236]
Xylenes	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	53 J	(130) [26.10966]	(6.2) [1.242236]
cis-1,3-Dichloropropene	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
trans-1,2-Dichloroethene	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
trans-1,3-Dichloropropene	ND	(6.7) [1.38688]	ND	(6.2) [1.234567]	ND	(130) [26.10966]	(6.2) [1.242236]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)							
Acenaphthene	ND	(80) [44.58314]	ND	(220) [122.6993]	ND	(2100) [1190.476]	(220) [124.2236]
Acenaphthylene	ND	(100) [44.58314]	ND	(280) [122.6993]	ND	(2700) [1190.476]	(290) [124.2236]
Anthracene	ND	(29) [44.58314]	ND	(81) [122.6993]	680 J	(790) [1190.476]	(82) [124.2236]
Benzo(a)anthracene	ND	(0.58) [44.58314]	0.7 J	(1.6) [122.6993]	1400	(150) [11904.76]	(1.6) [124.2236]
Benzo(a)pyrene	1	(1) [44.58314]	0.92 J	(2.8) [122.6993]	1500	(270) [11904.76]	(2.9) [124.2236]
Benzo(b)fluoranthene	ND	(0.8) [44.58314]	1.7 J	(2.2) [122.6993]	940	(210) [11904.76]	(2.2) [124.2236]
Benzo(g,h,i)perylene	ND	(3.4) [44.58314]	12	(9.3) [122.6993]	750 J	(900) [11904.76]	(9.4) [124.2236]
Benzo(k)fluoranthene	ND	(0.76) [44.58314]	0.53 J	(2.1) [122.6993]	650	(200) [11904.76]	(2.1) [124.2236]
Chrysene	ND	(6.7) [44.58314]	ND	(18) [122.6993]	2900	(1800) [11904.76]	(19) [124.2236]
Dibenzo(a,h)anthracene	ND	(1.3) [44.58314]	ND	(3.7) [122.6993]	260	(36) [1190.476]	(3.7) [124.2236]
Fluoranthene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	4200	(2500) [11904.76]	(26) [124.2236]
Fluorene	ND	(9.4) [44.58314]	ND	(26) [122.6993]	79 J	(250) [1190.476]	(26) [124.2236]
Indeno(1,2,3-cd)pyrene	ND	(1.9) [44.58314]	7.4	(5.3) [122.6993]	73	(51) [1190.476]	(5.3) [124.2236]
Naphthalene	ND	(80) [44.58314]	ND	(220) [122.6993]	260 J	(2100) [1190.476]	(220) [124.2236]
Phenanthrene	ND	(29) [44.58314]	110	(79) [122.6993]	1300	(760) [1190.476]	(80) [124.2236]
Pyrene	ND	(12) [44.58314]	ND	(33) [122.6993]	630	(320) [1190.476]	(34) [124.2236]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		01		01		01	
	01		01-SB-02		01-SB-02-01		3 - 5		01-SB-02		01-SB-02-02		5 - 7	
	12 - 15		12 - 15		12 - 15		12 - 15		12 - 15		12 - 15		12 - 15	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)														
Diesel Range Organics (2)	33	(25)	[124]		(11000)	[57300]	9800	(2600)	[12800]	1500	(260)	[1300]		
Gasoline Range Organics (2)	ND	(12)	[124]		(4300)	[43400]	13000	(5100)	[51300]	ND	(520)	[5160]		
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)														
4,4'-DDD	0.14 PJB	(0.41)	[41.42502]		(0.39)	[38.69969]	12	(0.43)	[42.51700]	4	(0.44)	[43.74453]		
4,4'-DDE	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	2	(0.43)	[42.51700]	0.95	(0.44)	[43.74453]		
4,4'-DDT	0.05 PJB	(0.83)	[41.42502]		(0.77)	[38.69969]	0.48 KJB	(0.85)	[42.51700]	0.31 JB	(0.87)	[43.74453]		
Aldrin	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	1.1	(0.43)	[42.51700]	3.4	(0.44)	[43.74453]		
Chlordane	ND	(2.1)	[41.42502]		(1.9)	[38.69969]	ND	(2.1)	[42.51700]	ND	(2.2)	[43.74453]		
Dieldrin	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	ND	(0.43)	[42.51700]	ND	(0.44)	[43.74453]		
Endosulfan I	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	0.38 KJB	(0.43)	[42.51700]	ND	(0.44)	[43.74453]		
Endosulfan II	0.85 KJB	(1.2)	[41.42502]		(1.2)	[38.69969]	0.96 KJB	(1.3)	[42.51700]	0.56 KJB	(1.3)	[43.74453]		
Endosulfan Sulfate	1.8 KJB	(2.1)	[41.42502]		(1.9)	[38.69969]	1.9 KJB	(2.1)	[42.51700]	0.59 KJB	(2.2)	[43.74453]		
Endrin	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	0.017 KJB	(0.43)	[42.51700]	ND	(0.44)	[43.74453]		
Endrin Aldehyde	0.21 KJB	(0.83)	[41.42502]		(0.77)	[38.69969]	0.36 KJB	(0.85)	[42.51700]	0.38 KJB	(0.87)	[43.74453]		
Heptachlor	0.35 KJB	(0.41)	[41.42502]		(0.39)	[38.69969]	0.63 PB	(0.43)	[42.51700]	0.22 PJB	(0.44)	[43.74453]		
Heptachlor epoxide	0.026 PJB	(0.41)	[41.42502]		(0.39)	[38.69969]	0.53 PB	(0.43)	[42.51700]	1.4 PB	(0.44)	[43.74453]		
Methoxychlor	0.091 KJ	(2.1)	[41.42502]		(1.9)	[38.69969]	ND	(2.1)	[42.51700]	ND	(2.2)	[43.74453]		
PCB-1016	ND	(4.1)	[41.42502]		(3.9)	[38.69969]	ND	(4.3)	[42.51700]	ND	(4.4)	[43.74453]		
PCB-1221	ND	(8.3)	[41.42502]		(7.7)	[38.69969]	ND	(8.5)	[42.51700]	ND	(8.7)	[43.74453]		
PCB-1232	ND	(8.3)	[41.42502]		(7.7)	[38.69969]	ND	(8.5)	[42.51700]	ND	(8.7)	[43.74453]		
PCB-1242	ND	(4.1)	[41.42502]		(3.9)	[38.69969]	ND	(4.3)	[42.51700]	ND	(4.4)	[43.74453]		
PCB-1248	ND	(4.1)	[41.42502]		(3.9)	[38.69969]	ND	(4.3)	[42.51700]	ND	(4.4)	[43.74453]		
PCB-1254	ND	(8.3)	[41.42502]		(7.7)	[38.69969]	ND	(8.5)	[42.51700]	ND	(8.7)	[43.74453]		
PCB-1260	ND	(8.3)	[41.42502]		(7.7)	[38.69969]	ND	(8.5)	[42.51700]	ND	(8.7)	[43.74453]		
Toxaphene	ND	(21)	[41.42502]		(19)	[38.69969]	ND	(21)	[42.51700]	ND	(22)	[43.74453]		
alpha-BHC	0.52 B	(0.41)	[41.42502]		(0.39)	[38.69969]	0.73 B	(0.43)	[42.51700]	ND	(0.44)	[43.74453]		
beta-BHC	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	0.21 KJB	(0.43)	[42.51700]	1.1 PB	(0.44)	[43.74453]		
delta-BHC	ND	(0.41)	[41.42502]		(0.39)	[38.69969]	1.4 PB	(0.43)	[42.51700]	5.6 P	(0.44)	[43.74453]		

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	01		01		01		01					
	12 - 15		3 - 5		5 - 7		12 - 15					
	01-SB-01	01-SB-02	01-SB-02-01	01-SB-02	01-SB-02-02	01-SB-02-03	01-SB-02-03	01-SB-02-03				
gamma-BHC	0.46 B	(0.41)	[41.42502]	1.8 P	(0.39)	[38.69969]	ND	(0.43)	[42.51700]	0.49 PB	(0.44)	[43.74453]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,1,2,2-Tetrachloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,1,2-Trichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,1-Dichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,1-Dichloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,2-Dichloroethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
1,2-Dichloropropane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
2-Chloroethyl vinyl ether	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
2-Hexanone	ND	(62)	[1.25]	ND	(58000)	[1161.440]	ND	(320000)	[6410.256]	ND	(1300)	[26.31578]
4-Methyl-2-pentanone(MIBK)	ND	(62)	[1.25]	ND	(58000)	[1161.440]	ND	(320000)	[6410.256]	ND	(1300)	[26.31578]
Acetone	ND	(120)	[1.25]	ND	(120000)	[1161.440]	ND	(640000)	[6410.256]	ND	(2600)	[26.31578]
Benzene	ND	(6.2)	[1.25]	120000	(5800)	[1161.440]	49000	(32000)	[6410.256]	3000	(130)	[26.31578]
Bromodichloromethane	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Bromomethane	ND	(12)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
Carbon disulfide	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Carbon tetrachloride	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Chlorobenzene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Chloroethane	ND	(12)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Chloroform	ND	(6.2)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
Chloromethane	ND	(12)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Dibromochloromethane	ND	(6.2)	[1.25]	ND	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
Ethyl benzene	ND	(6.2)	[1.25]	20000	(5800)	[1161.440]	74000	(32000)	[6410.256]	2300	(130)	[26.31578]
Methyl ethyl ketone	ND	(120)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(260)	[26.31578]
Methylene chloride	9.5 B	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Styrene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Tetrachloroethene	ND	(6.2)	[1.25]	ND	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Toluene	0.48 JB	(6.2)	[1.25]	110000	(29000)	[5807.200]	37000	(32000)	[6410.256]	14000	(330)	[65.78947]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (ug/kg)	REMARKS	REMARKS	REMARKS		
	01		01								
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID							
	01-SB-01	01-SB-02	01-SB-02	01-SB-02							
	12 - 15	3 - 5	5 - 7	12 - 15							
Tribromomethane (Bromoform)	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Trichloroethene	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Vinyl acetate	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
Vinyl chloride	ND	(12)	[1.25]	(12000)	[1161.440]	ND	(64000)	[6410.256]	ND	(260)	[26.31578]
Xylenes	ND	(6.2)	[1.25]	(29000)	[5807.200]	3800000	(32000)	[6410.256]	12000	(130)	[26.31578]
cis-1,3-Dichloropropene	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
trans-1,2-Dichloroethene	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
trans-1,3-Dichloropropene	ND	(6.2)	[1.25]	(5800)	[1161.440]	ND	(32000)	[6410.256]	ND	(130)	[26.31578]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)											
Acenaphthene	ND	(220)	[123.7623]	NA		ND	(2300)	[1275.510]	ND	(230)	[129.7016]
Acenaphthylene	ND	(280)	[123.7623]	NA		140 J	(2900)	[1275.510]	ND	(300)	[129.7016]
Anthracene	ND	(82)	[123.7623]	NA		ND	(840)	[1275.510]	140	(86)	[129.7016]
Benzo(a)anthracene	0.31 J	(1.6)	[123.7623]	NA		ND	(17)	[1275.510]	2	(1.7)	[129.7016]
Benzo(a)pyrene	0.97 J	(2.8)	[123.7623]	NA		ND	(29)	[1275.510]	1.5 J	(3)	[129.7016]
Benzo(b)fluoranthene	0.95 J	(2.2)	[123.7623]	NA		ND	(23)	[1275.510]	3.8	(2.3)	[129.7016]
Benzo(g,h,i)perylene	10	(9.4)	[123.7623]	NA		42 J	(97)	[1275.510]	22	(9.9)	[129.7016]
Benzo(k)fluoranthene	0.46 J	(2.1)	[123.7623]	NA		ND	(22)	[1275.510]	0.62 J	(2.2)	[129.7016]
Chrysene	ND	(19)	[123.7623]	NA		ND	(190)	[1275.510]	ND	(19)	[129.7016]
Dibenzo(a,h)anthracene	ND	(3.7)	[123.7623]	NA		ND	(38)	[1275.510]	ND	(3.9)	[129.7016]
Fluoranthene	ND	(26)	[123.7623]	NA		ND	(270)	[1275.510]	ND	(27)	[129.7016]
Fluorene	ND	(26)	[123.7623]	NA		1200	(270)	[1275.510]	150	(27)	[129.7016]
Indeno(1,2,3-cd)pyrene	5.6	(5.3)	[123.7623]	NA		ND	(55)	[1275.510]	ND	(5.6)	[129.7016]
Naphthalene	ND	(220)	[123.7623]	NA		23000	(2300)	[1275.510]	2800	(230)	[129.7016]
Phenanthrene	170	(79)	[123.7623]	NA		6400	(820)	[1275.510]	960	(83)	[129.7016]
Pyrene	ND	(33)	[123.7623]	NA		ND	(340)	[1275.510]	29 J	(35)	[129.7016]

Compiled: 23 May 1995 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID										
	01		01		01		01		01		
	01-SD-01 0 - 0.5	01-SD-01 Dup of 01-SD-01-01 0 - 0.5	01-SD-01 20 B	(20) (13)	[100] [133]	340 ND	(29) (14)	[143] [138]	290 ND	(29) (14)	01-SD-01 Dup of 01-SD-02-01 0 - 0.5
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)											
Diesel Range Organics (2)	280	(29)	[143]								
Gasoline Range Organics (2)	ND	(14)	[145]								
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)											
4,4'-DDD	180	(4.9)	[488.9975]	(4.6)	[461.2120]	30	(0.48)	[47.60771]	32	(0.47)	[47.25004]
4,4'-DDE	110	(4.9)	[488.9975]	(4.6)	[461.2120]	32	(0.48)	[47.60771]	35	(0.47)	[47.25004]
4,4'-DDT	330	(9.8)	[488.9975]	(9.2)	[461.2120]	26	(0.95)	[47.60771]	27	(0.95)	[47.25004]
Aldrin	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	0.8 B	(0.48)	[47.60771]	0.75 B	(0.47)	[47.25004]
Chlordane	ND	(24)	[488.9975]	(23)	[461.2120]	ND	(2.4)	[47.60771]	ND	(2.4)	[47.25004]
Dieldrin	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	ND	(0.48)	[47.60771]	ND	(0.47)	[47.25004]
Endosulfan I	3.8 KJ	(4.9)	[488.9975]	(4.6)	[461.2120]	ND	(0.48)	[47.60771]	ND	(0.47)	[47.25004]
Endosulfan II	ND	(15)	[488.9975]	(14)	[461.2120]	ND	(1.4)	[47.60771]	ND	(1.4)	[47.25004]
Endosulfan Sulfate	7 KJ	(24)	[488.9975]	(23)	[461.2120]	ND	(2.4)	[47.60771]	ND	(2.4)	[47.25004]
Endrin	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	ND	(0.48)	[47.60771]	ND	(0.47)	[47.25004]
Endrin Aldehyde	ND	(9.8)	[488.9975]	(9.2)	[461.2120]	0.044 KJB	(0.95)	[47.60771]	ND	(0.95)	[47.25004]
Heptachlor	2.1 KJ	(4.9)	[488.9975]	(4.6)	[461.2120]	0.45 KJB	(0.48)	[47.60771]	ND	(0.47)	[47.25004]
Heptachlor epoxide	2 PJB	(4.9)	[488.9975]	(4.6)	[461.2120]	0.59 PB	(0.48)	[47.60771]	0.59 PB	(0.47)	[47.25004]
Methoxychlor	ND	(24)	[488.9975]	(23)	[461.2120]	ND	(2.4)	[47.60771]	ND	(2.4)	[47.25004]
PCB-1016	ND	(49)	[488.9975]	(46)	[461.2120]	ND	(4.8)	[47.60771]	ND	(4.7)	[47.25004]
PCB-1221	ND	(98)	[488.9975]	(92)	[461.2120]	ND	(9.5)	[47.60771]	ND	(9.5)	[47.25004]
PCB-1232	ND	(98)	[488.9975]	(92)	[461.2120]	ND	(9.5)	[47.60771]	ND	(9.5)	[47.25004]
PCB-1242	ND	(49)	[488.9975]	(46)	[461.2120]	ND	(4.8)	[47.60771]	ND	(4.7)	[47.25004]
PCB-1248	ND	(49)	[488.9975]	(46)	[461.2120]	ND	(4.8)	[47.60771]	ND	(4.7)	[47.25004]
PCB-1254	ND	(98)	[488.9975]	(92)	[461.2120]	ND	(9.5)	[47.60771]	ND	(9.5)	[47.25004]
PCB-1260	ND	(98)	[488.9975]	(92)	[461.2120]	ND	(9.5)	[47.60771]	ND	(9.5)	[47.25004]
Toxaphene	ND	(240)	[488.9975]	(230)	[461.2120]	ND	(24)	[47.60771]	ND	(24)	[47.25004]
alpha-BHC	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	0.72 B	(0.48)	[47.60771]	0.77 B	(0.47)	[47.25004]
beta-BHC	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	ND	(0.48)	[47.60771]	ND	(0.47)	[47.25004]
delta-BHC	ND	(4.9)	[488.9975]	(4.6)	[461.2120]	1 B	(0.48)	[47.60771]	1.1 B	(0.47)	[47.25004]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	01		01		
	01-SD-01 0 - 0.5	01-DS-01 Dup of 01-SD-01-01 0 - 0.5	01-SD-02 01-SD-02-01 0 - 0.5	01-DS-03 Dup of 01-SD-02-01 0 - 0.5	
gamma-BHC	ND	ND	0.79 B	0.92 B	(0.47) [47.25004]
SW8240 - Volatile Organics (ug/kg)	(4.9) [488.9975]	(4.6) [461.2120]	(0.48) [47.60771]		
1,1,1-Trichloroethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,1,2,2-Tetrachloroethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,1,2-Trichloroethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,1-Dichloroethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,1-Dichloroethene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,2-Dichloroethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
1,2-Dichloropropane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
2-Chloroethyl vinyl ether	(15) [1.468428]	(14) [1.385041]	(14) [1.430615]	ND	(14) [1.418439]
2-Hexanone	(73) [1.468428]	(69) [1.385041]	(72) [1.430615]	ND	(71) [1.418439]
4-Methyl-2-pentanone (MIBK)	(73) [1.468428]	(69) [1.385041]	(72) [1.430615]	ND	(71) [1.418439]
Acetone	(150) [1.468428]	(140) [1.385041]	(140) [1.430615]	ND	(140) [1.418439]
Benzene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Bromodichloromethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Bromomethane	(15) [1.468428]	(14) [1.385041]	(14) [1.430615]	ND	(14) [1.418439]
Carbon disulfide	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Carbon tetrachloride	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Chlorobenzene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Chloroethane	(15) [1.468428]	(14) [1.385041]	(14) [1.430615]	ND	(14) [1.418439]
Chloroform	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Chloromethane	(15) [1.468428]	(14) [1.385041]	(14) [1.430615]	ND	(14) [1.418439]
Dibromochloromethane	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Ethyl benzene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Methyl ethyl ketone	(150) [1.468428]	(140) [1.385041]	(140) [1.430615]	ND	(140) [1.418439]
Methylene chloride	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Styrene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Tetrachloroethene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]
Toluene	(7.3) [1.468428]	(6.9) [1.385041]	(7.2) [1.430615]	ND	(7.1) [1.418439]

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	01		01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	01-SD-01	01-SD-01	01-SD-02	01-SD-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	01-DS-01 Dup of 01-SD-01-01	01-DS-01 Dup of 01-SD-01-01	01-DS-03 Dup of 01-SD-02-01	01-DS-03 Dup of 01-SD-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Tribromomethane(bromoform)	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
Trichloroethene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
Vinyl acetate	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
Vinyl chloride	ND	(15) [1.468428]	ND	(14) [1.385041]
Xylenes	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
cis-1,3-Dichloropropene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
trans-1,2-Dichloroethene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
trans-1,3-Dichloropropene	ND	(7.3) [1.468428]	ND	(6.9) [1.385041]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	16 J	(88) [49.01960]	ND	(83) [46.29629]
Acenaphthylene	ND	(110) [49.01960]	ND	(110) [46.29629]
Anthracene	ND	(32) [49.01960]	ND	(31) [46.29629]
Benzo(a)anthracene	2.2	(0.64) [49.01960]	3.5	(0.6) [46.29629]
Benzo(a)pyrene	2.7	(1.1) [49.01960]	3.6	(1.1) [46.29629]
Benzo(b)fluoranthene	5.5	(0.88) [49.01960]	6.6	(0.83) [46.29629]
Benzo(g,h,i)perylene	2.3 J	(3.7) [49.01960]	2.2 J	(3.5) [46.29629]
Benzo(k)fluoranthene	1.5	(0.83) [49.01960]	2.2	(0.79) [46.29629]
Chrysene	8.8	(7.4) [49.01960]	12	(6.9) [46.29629]
Dibenzo(a,h)anthracene	1.4 J	(1.5) [49.01960]	1.4	(1.4) [46.29629]
Fluoranthene	8.3 J	(10) [49.01960]	14	(9.7) [46.29629]
Fluorene	ND	(10) [49.01960]	ND	(9.7) [46.29629]
Indeno(1,2,3-cd)pyrene	17	(2.1) [49.01960]	12	(2) [46.29629]
Naphthalene	ND	(88) [49.01960]	ND	(83) [46.29629]
Phenanthrene	12 J	(31) [49.01960]	15 J	(30) [46.29629]
Pyrene	7.8 J	(13) [49.01960]	13	(12) [46.29629]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)						
	01		01								
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID							
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)											
Diesel Range Organics (2)	130	(21)	[104]	[103]	410	(24)	[118]	210	(23)	[113]	
Gasoline Range Organics (2)	ND	(9.8)	[98.4]	[99.4]	13 B	(12)	[118]	370	(220)	[2180]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)											
4,4'-DDD	150	(1)	[103.5947]	(0.35)	[34.55425]	55	(0.39)	[39.49447]	24	(0.38)	[38.13882]
4,4'-DDE	38	(1)	[103.5947]	(0.35)	[34.55425]	5	(0.39)	[39.49447]	7.5	(0.38)	[38.13882]
4,4'-DDT	400	(10)	[517.9736]	(0.69)	[34.55425]	2.9	(0.79)	[39.49447]	81	(3.8)	[190.6941]
Aldrin	0.094 KJB	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	0.12 KJB	(0.38)	[38.13882]
Chlordane	ND	(5.2)	[103.5947]	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND	(1.9)	[38.13882]
Dieldrin	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)	[38.13882]
Endosulfan I	3.2 P	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(0.38)	[38.13882]
Endosulfan II	2.5 KJ	(3.1)	[103.5947]	(1)	[34.55425]	ND	(1.2)	[39.49447]	ND	(0.38)	[38.13882]
Endosulfan Sulfate	ND	(5.2)	[103.5947]	(1.7)	[34.55425]	ND	(2)	[39.49447]	ND	(1.1)	[38.13882]
Endrin	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	ND	(1.9)	[38.13882]
Endrin Aldehyde	1.6 KJ	(2.1)	[103.5947]	(0.69)	[34.55425]	ND	(0.79)	[39.49447]	ND	(0.38)	[38.13882]
Heptachlor	0.48 JB	(1)	[103.5947]	(0.35)	[34.55425]	0.32 KJB	(0.39)	[39.49447]	0.34 KJB	(0.76)	[38.13882]
Heptachlor epoxide	0.21 PJB	(1)	[103.5947]	(0.35)	[34.55425]	0.22 JB	(0.39)	[39.49447]	0.28 JB	(0.38)	[38.13882]
Methoxychlor	0.89 KJ	(5.2)	[103.5947]	(1.7)	[34.55425]	0.2 JB	(0.39)	[39.49447]	0.17 PJB	(0.38)	[38.13882]
PCB-1016	ND	(10)	[103.5947]	(3.5)	[34.55425]	0.017 KJ	(2)	[39.49447]	1.2 KJ	(1.9)	[38.13882]
PCB-1221	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)	[38.13882]
PCB-1232	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)	[38.13882]
PCB-1242	ND	(10)	[103.5947]	(3.5)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)	[38.13882]
PCB-1248	ND	(10)	[103.5947]	(3.5)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)	[38.13882]
PCB-1254	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(3.9)	[39.49447]	ND	(3.8)	[38.13882]
PCB-1260	ND	(21)	[103.5947]	(6.9)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)	[38.13882]
Toxaphene	ND	(52)	[103.5947]	(17)	[34.55425]	ND	(7.9)	[39.49447]	ND	(7.6)	[38.13882]
alpha-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	0.34 PJB	(20)	[39.49447]	ND	(19)	[38.13882]
beta-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	0.61 B	(0.38)	[38.13882]
delta-BHC	ND	(1)	[103.5947]	(0.35)	[34.55425]	ND	(0.39)	[39.49447]	0.29 KJB	(0.38)	[38.13882]
						ND	(0.39)	[39.49447]	ND	(0.38)	[38.13882]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		01			
	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)		
gamma-BHC	01-SS-01	(1) [103.5947]	0.19 PJB	(0.35) [34.55425]	1.2 B	(0.39) [39.49447]	0.82 B	(0.38) [38.13882]
SW8240 - Volatile Organics (ug/kg)	01-SS-02	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,1,1-Trichloroethane	01-SS-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	270 J	(570) [114.8105]
1,1,2,2-Tetrachloroethane	01-SS-01-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,1,2-Trichloroethane	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,1-Dichloroethane	01-SS-02-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,1-Dichloroethene	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,2-Dichloroethane	01-SS-02-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
1,2-Dichloropropane	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
2-Chloroethyl vinyl ether	01-SS-02-01	(11) [1.052631]	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND	(1100) [114.8105]
2-Hexanone	0 - 0.5	(53) [1.052631]	ND	(52) [1.038421]	ND	(5900) [118.4834]	3700 J	(5700) [114.8105]
4-Methyl-2-pentanone(MIBK)	01-SS-01-01	(53) [1.052631]	ND	(52) [1.038421]	ND	(5900) [118.4834]	ND	(5700) [114.8105]
Acetone	0 - 0.5	(110) [1.052631]	ND	(100) [1.038421]	ND	(12000) [118.4834]	ND	(11000) [114.8105]
Benzene	01-SS-01-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	48 J	(590) [118.4834]	ND	(570) [114.8105]
Bromodichloromethane	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	500 J	(570) [114.8105]
Bromomethane	01-SS-02-01	(11) [1.052631]	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND	(1100) [114.8105]
Carbon disulfide	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Carbon tetrachloride	01-SS-01-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Chlorobenzene	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	55 J	(590) [118.4834]	ND	(570) [114.8105]
Chloroethane	01-SS-02-01	(11) [1.052631]	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND	(1100) [114.8105]
Chloroform	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Chloromethane	01-SS-01-01	(11) [1.052631]	ND	(10) [1.038421]	ND	(1200) [118.4834]	ND	(1100) [114.8105]
Dibromochloromethane	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Ethyl benzene	01-SS-02-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Methyl ethyl ketone	0 - 0.5	(110) [1.052631]	ND	(100) [1.038421]	400 J	(12000) [118.4834]	15000	(11000) [114.8105]
Methylene chloride	01-SS-01-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Styrene	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Tetrachloroethene	01-SS-02-01	(5.3) [1.052631]	ND	(5.2) [1.038421]	ND	(590) [118.4834]	ND	(570) [114.8105]
Toluene	0 - 0.5	(5.3) [1.052631]	ND	(5.2) [1.038421]	100 J	(590) [118.4834]	550 J	(570) [114.8105]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
	01-SS-01 0 - 0.5	01-SS-02 0 - 0.5	01-SS-03 0 - 0.5	01-SS-04 0 - 0.5
Tribromomethane (Bromoform)	ND	ND	ND	ND
Trichloroethene	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(570) [114.8105]
Vinyl acetate	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(570) [114.8105]
Vinyl chloride	(11) [1.052631]	(10) [1.038421]	(1200) [118.4834]	(1100) [114.8105]
Xylenes	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(1100) [114.8105]
cis-1,3-Dichloropropene	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(570) [114.8105]
trans-1,2-Dichloroethene	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(570) [114.8105]
trans-1,3-Dichloropropene	(5.3) [1.052631]	(5.2) [1.038421]	(590) [118.4834]	(570) [114.8105]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	28 J	(63) [35.00542]	(71) [39.37007]	(69) [38.15337]
Acenaphthylene	5.4 J	(81) [35.00542]	(91) [39.37007]	(88) [38.15337]
Anthracene	ND	(23) [35.00542]	(26) [39.37007]	(25) [38.15337]
Benzo(a)anthracene	ND	(4.5) [349.6503]	(5.1) [393.7007]	(0.5) [38.15337]
Benzo(a)pyrene	ND	(8) [349.6503]	(9.1) [393.7007]	(0.88) [38.15337]
Benzo(b)fluoranthene	ND	(6.3) [349.6503]	(7.1) [393.7007]	(0.69) [38.15337]
Benzo(g,h,i)perylene	20 J	(27) [349.6503]	(30) [393.7007]	(2.9) [38.15337]
Benzo(k)fluoranthene	2.3 J	(5.9) [349.6503]	(6.7) [393.7007]	(0.65) [38.15337]
Chrysene	ND	(52) [349.6503]	(59) [393.7007]	(5.7) [38.15337]
Dibenzo(a,h)anthracene	ND	(10) [349.6503]	(12) [393.7007]	(1.1) [38.15337]
Fluoranthene	ND	(7.4) [35.00542]	(8.3) [39.37007]	(8) [38.15337]
Fluorene	ND	(7.4) [35.00542]	(8.3) [39.37007]	(8) [38.15337]
Indeno(1,2,3-cd)pyrene	ND	(1.5) [35.00542]	(1.7) [39.37007]	(1.6) [38.15337]
Naphthalene	ND	(63) [35.00542]	(71) [39.37007]	(69) [38.15337]
Phenanthrene	5.5 J	(22) [35.00542]	(25) [39.37007]	(24) [38.15337]
Pyrene	ND	(9.5) [35.00542]	(11) [39.37007]	(10) [38.15337]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	01		01		01		01		01			
	LOCATION ID	01-SS-05	01-SS-06	01-SS-07	01-SS-07	01-SS-07	01-SS-07	01-SS-07	01-SS-07	01-SS-07		
SAMPLE ID	01-SS-05-01	01-SS-06-01	01-SS-07-01	01-SS-07-01	01-SS-07-01	01-SS-07-01	01-SS-07-01	01-SS-07-01	01-SS-07-01	01-SS-07-01		
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	72000	(11000)	[55100]	220	(21)	[107]	15000	(4000)	[20200]	16000	(2100)	[10600]
Diesel Range Organics (2)	ND	(11)	[109]	ND	(11)	[107]	130	(97)	[971]	140	(98)	[981]
Gasoline Range Organics (2)	5.5	(0.37)	[36.7647]	17	(0.36)	[36.02305]	5.2	(0.34)	[33.67003]	5.1	(0.34)	[33.94433]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	1.1 P	(0.37)	[36.76470]	0.9	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
4,4'-DDD	1.9	(0.74)	[36.7647]	6.8	(0.72)	[36.02305]	0.52 JB	(0.67)	[33.67003]	0.39 JB	(0.68)	[33.94433]
4,4'-DDE	33	(0.37)	[36.7647]	0.23 KJB	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
4,4'-DDT	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Aldrin	2.5 P	(0.37)	[36.7647]	0.25 JB	(0.36)	[36.02305]	0.96	(0.34)	[33.67003]	0.95	(0.34)	[33.94433]
Chlordane	2.9	(0.37)	[36.7647]	0.27 PJB	(0.36)	[36.02305]	0.29 PJB	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Dieldrin	10	(1.1)	[36.7647]	ND	(1.1)	[36.02305]	0.12 PJB	(1)	[33.67003]	ND	(1)	[33.94433]
Endosulfan I	ND	(1.8)	[36.7647]	ND	(1.8)	[36.02305]	ND	(1.7)	[33.67003]	ND	(1.7)	[33.94433]
Endosulfan II	6	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	ND	(0.34)	[33.94433]
Endosulfan-Sulfate	3 P	(0.74)	[36.76470]	0.5 KJB	(0.72)	[36.02305]	ND	(0.67)	[33.67003]	ND	(0.68)	[33.94433]
Endrin	2.2 P	(0.37)	[36.76470]	0.096 PJB	(0.36)	[36.02305]	1.7	(0.34)	[33.67003]	1.5	(0.34)	[33.94433]
Heptachlor	10 P	(0.37)	[36.76470]	0.15 JB	(0.36)	[36.02305]	0.11 PJB	(0.34)	[33.67003]	0.94 PB	(0.34)	[33.94433]
Heptachlor epoxide	ND	(1.8)	[36.76470]	0.24 KJ	(1.8)	[36.02305]	0.89 KJ	(1.7)	[33.67003]	0.96 KJ	(1.7)	[33.94433]
Methoxychlor	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1016	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1221	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1232	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1242	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1248	ND	(3.7)	[36.7647]	ND	(3.6)	[36.02305]	ND	(3.4)	[33.67003]	ND	(3.4)	[33.94433]
PCB-1254	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
PCB-1260	ND	(7.4)	[36.7647]	ND	(7.2)	[36.02305]	ND	(6.7)	[33.67003]	ND	(6.8)	[33.94433]
Toxaphene	ND	(18)	[36.7647]	ND	(18)	[36.02305]	ND	(17)	[33.67003]	ND	(17)	[33.94433]
alpha-BHC	4.6 P	(0.37)	[36.76470]	0.83 B	(0.36)	[36.02305]	1.8 P	(0.34)	[33.67003]	6.1	(0.34)	[33.94433]
beta-BHC	2.3 P	(0.37)	[36.76470]	ND	(0.36)	[36.02305]	0.45 PB	(0.34)	[33.67003]	2.5 P	(0.34)	[33.94433]
delta-BHC	7.5	(0.37)	[36.7647]	ND	(0.36)	[36.02305]	ND	(0.34)	[33.67003]	8.6	(0.34)	[33.94433]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	2 P		ND		ND		ND		01		01	
	(0.37)	[36.76470]	(0.36)	[36.02305]	(0.34)	[33.67003]	(0.34)	[33.94433]	01-SS-05-01	01-SS-06-01	01-SS-07-01	01-SS-07-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
gamma-BHC	ND		ND		ND		ND		ND		ND	
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,1,2,2-Tetrachloroethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,1,2-Trichloroethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,1-Dichloroethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,1-Dichloroethene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,2-Dichloroethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
1,2-Dichloropropane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
2-Chloroethyl vinyl ether	ND	(11) [1.103752]	ND	(11) [1.082251]	ND	(1000) [100.9998]	ND	(0.34) [33.94433]	ND	(1000) [102.0408]	ND	(1000) [102.0408]
2-Hexanone	ND	(55) [1.103752]	ND	(54) [1.082251]	ND	(5000) [100.9998]	ND	(0.34) [33.94433]	ND	(5100) [102.0408]	ND	(5100) [102.0408]
4-Methyl-2-pentanone (MIBK)	ND	(55) [1.103752]	ND	(54) [1.082251]	ND	(5000) [100.9998]	ND	(0.34) [33.94433]	ND	(5100) [102.0408]	ND	(5100) [102.0408]
Acetone	ND	(110) [1.103752]	ND	(110) [1.082251]	ND	(10000) [100.9998]	ND	(0.34) [33.94433]	ND	(10000) [102.0408]	ND	(10000) [102.0408]
Benzene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Bromodichloromethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Bromomethane	ND	(11) [1.103752]	ND	(11) [1.082251]	ND	(1000) [100.9998]	ND	(0.34) [33.94433]	ND	(1000) [102.0408]	ND	(1000) [102.0408]
Carbon disulfide	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Carbon tetrachloride	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Chlorobenzene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Chloroethane	ND	(11) [1.103752]	ND	(11) [1.082251]	ND	(1000) [100.9998]	ND	(0.34) [33.94433]	ND	(1000) [102.0408]	ND	(1000) [102.0408]
Chloroform	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Chloromethane	ND	(11) [1.103752]	ND	(11) [1.082251]	ND	(1000) [100.9998]	ND	(0.34) [33.94433]	ND	(1000) [102.0408]	ND	(1000) [102.0408]
Dibromochloromethane	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Ethyl benzene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Methyl ethyl ketone	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Methylene chloride	ND	(110) [1.103752]	ND	(110) [1.082251]	ND	(10000) [100.9998]	ND	(0.34) [33.94433]	ND	(10000) [102.0408]	ND	(10000) [102.0408]
Styrene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Tetrachloroethene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]
Toluene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(0.34) [33.94433]	ND	(510) [102.0408]	ND	(510) [102.0408]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	01-SS-05 0 - 0.5	01-SS-06 0 - 0.5	01-SS-07 0 - 0.5	01-SS-07 Dup of 01-SS-07-01 0 - 0.5
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
Tribromomethane(Bromoform)	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
Trichloroethene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
Vinyl acetate	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
Vinyl chloride	ND	(11) [1.103752]	ND	(11) [1.082251]	ND	(1000) [100.9998]	ND	(1000) [102.0408]	
Xylenes	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	89 J	(510) [102.0408]	
cis-1,3-Dichloropropene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
trans-1,2-Dichloroethene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
trans-1,3-Dichloropropene	ND	(5.5) [1.103752]	ND	(5.4) [1.082251]	ND	(500) [100.9998]	ND	(510) [102.0408]	
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)									
Acenaphthene	ND	(66) [36.65689]	ND	(65) [36.07503]	ND	(61) [33.63605]	ND	(61) [33.92130]	
Acenaphthylene	410	(84) [36.65689]	ND	(83) [36.07503]	310	(77) [33.63605]	85	(78) [33.92130]	
Anthracene	3700	(2400) [3665.689]	ND	(24) [36.07503]	1300	(220) [336.3605]	1600 J	(2200) [3392.130]	
Benzo(a)anthracene	63	(48) [3665.689]	0.73	(0.47) [36.07503]	18	(4.4) [336.3605]	30 J	(44) [3392.130]	
Benzo(a)pyrene	27 J	(84) [3665.689]	1.5	(0.83) [36.07503]	19	(7.7) [336.3605]	20 J	(78) [3392.130]	
Benzo(b)fluoranthene	21 J	(66) [3665.689]	1.6	(0.65) [36.07503]	25	(6.1) [336.3605]	16 J	(61) [3392.130]	
Benzo(g,h,i)perylene	ND	(2.8) [36.65689]	8.6	(2.7) [36.07503]	45	(26) [336.3605]	84 J	(260) [3392.130]	
Benzo(k)fluoranthene	20 J	(62) [3665.689]	0.8	(0.61) [36.07503]	12	(5.7) [336.3605]	21 J	(58) [3392.130]	
Chrysene	ND	(550) [3665.689]	ND	(5.4) [36.07503]	33 J	(50) [336.3605]	ND	(5.1) [33.92130]	
Dibenzo(a,h)anthracene	ND	(110) [3665.689]	0.53 J	(1.1) [36.07503]	4.2 J	(10) [336.3605]	ND	(1) [33.92130]	
Fluoranthene	ND	(770) [3665.689]	ND	(7.6) [36.07503]	ND	(71) [336.3605]	ND	(7.1) [33.92130]	
Fluorene	3900	(770) [3665.689]	ND	(7.6) [36.07503]	670	(71) [336.3605]	890	(710) [3392.130]	
Indeno(1,2,3-cd)pyrene	34	(1.6) [36.65689]	ND	(1.6) [36.07503]	33	(14) [336.3605]	ND	(1.5) [33.92130]	
Naphthalene	12000	(66) [36.65689]	3.5 J	(65) [36.07503]	4200	(610) [336.3605]	6200	(6100) [3392.130]	
Phenanthrene	16000	(2300) [3665.689]	ND	(23) [36.07503]	3600	(220) [336.3605]	4700	(2200) [3392.130]	
Pyrene	980 J	(990) [3665.689]	ND	(9.7) [36.07503]	240	(91) [336.3605]	290 J	(920) [3392.130]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	01		04	
	LOCATION ID	SAMPLE ID		01-SS-10	04-MW-01		
	01-SS-08-01	01-SS-09-01		01-SS-10-01	04-MW-01-02		
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)							
Diesel Range Organics (2)	190	(21)	[107]	1500	(200)	[1020]	52
Gasoline Range Organics (2)	ND	(11)	[106]	ND	(10)	[102]	ND
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)							
4,4'-DDD	83	(1.8)	[177.7461]	37	(0.34)	[34.24657]	11
4,4'-DDE	11	(0.36)	[35.54923]	9.8	(0.34)	[34.24657]	5.1
4,4'-DDT	77	(3.6)	[177.7461]	310	(6.8)	[342.4657]	3.6
Aldrin	0.14 KJB	(0.36)	[35.54923]	0.17 KJB	(0.34)	[34.24657]	ND
Chlordane	ND	(1.8)	[35.54923]	ND	(1.7)	[34.24657]	ND
Dieldrin	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	ND
Endosulfan I	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	ND
Endosulfan II	0.32 PJB	(1.1)	[35.54923]	0.78 KJB	(1)	[34.24657]	0.5 KJB
Endosulfan Sulfate	ND	(1.8)	[35.54923]	0.84 KJB	(1.7)	[34.24657]	1.4 KJB
Endrin	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	0.26 PJB
Endrin Aldehyde	0.63 JB	(0.71)	[35.54923]	0.31 KJB	(0.68)	[34.24657]	1 KJ
Heptachlor	0.061 PJB	(0.36)	[35.54923]	0.11 JB	(0.34)	[34.24657]	0.48 PJB
Heptachlor epoxide	0.91 PB	(0.36)	[35.54923]	0.16 JB	(0.34)	[34.24657]	ND
Methoxychlor	ND	(1.8)	[35.54923]	1.5 KJ	(1.7)	[34.24657]	ND
PCB-1016	ND	(3.6)	[35.54923]	ND	(3.4)	[34.24657]	ND
PCB-1221	ND	(7.1)	[35.54923]	ND	(6.8)	[34.24657]	ND
PCB-1232	ND	(7.1)	[35.54923]	ND	(6.8)	[34.24657]	ND
PCB-1242	ND	(3.6)	[35.54923]	ND	(3.4)	[34.24657]	ND
PCB-1248	ND	(3.6)	[35.54923]	ND	(3.4)	[34.24657]	ND
PCB-1254	ND	(7.1)	[35.54923]	ND	(6.8)	[34.24657]	ND
PCB-1260	ND	(7.1)	[35.54923]	ND	(6.8)	[34.24657]	ND
Toxaphene	ND	(18)	[35.54923]	ND	(17)	[34.24657]	ND
alpha-BHC	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	ND
beta-BHC	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	ND
delta-BHC	ND	(0.36)	[35.54923]	ND	(0.34)	[34.24657]	0.52 JB

() = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	01				04			
	LOCATION ID		SAMPLE ID			01-SS-10		01-MW-01		01-SS-10-01		04-MW-01-02	
	01-SS-08	01-SS-09	01-SS-08-01	01-SS-09-01		0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	4 - 6
gamma-BHC	0.68 B	(0.36)	[35.54923]	0.75 B	(0.41)	[40.89979]	0.78 B	(0.34)	[34.24657]	1.1 B	(0.54)	[53.96654]	
SW8240 - Volatile Organics (ug/kg)													
1,1,1-Trichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,1,2,2-Tetrachloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,1,2-Trichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,1-Dichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,1-Dichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,2-Dichloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
1,2-Dichloropropane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]	
2-Chloroethyl vinyl ether	ND	(54)	[1.071466]	ND	(61)	[1.228501]	ND	(52)	[1.033057]	ND	(81)	[1.620745]	
2-Hexanone	ND	(54)	[1.071466]	ND	(61)	[1.228501]	ND	(52)	[1.033057]	ND	(81)	[1.620745]	
4-Methyl-2-pentanone(MIBK)	ND	(54)	[1.071466]	ND	(61)	[1.228501]	ND	(52)	[1.033057]	ND	(81)	[1.620745]	
Acetone	ND	(110)	[1.071466]	ND	(120)	[1.228501]	ND	(100)	[1.033057]	200	(160)	[1.620745]	
Benzene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Bromodichloromethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Bromomethane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]	
Carbon disulfide	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Carbon tetrachloride	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Chlorobenzene	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]	
Chloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Chloroform	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Chloromethane	ND	(11)	[1.071466]	ND	(12)	[1.228501]	ND	(10)	[1.033057]	ND	(16)	[1.620745]	
Dibromochloromethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Ethyl benzene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Methyl ethyl ketone	ND	(110)	[1.071466]	ND	(120)	[1.228501]	ND	(100)	[1.033057]	14 JB	(160)	[1.620745]	
Methylene chloride	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	31	(8.1)	[1.620745]	
Styrene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Tetrachloroethane	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	ND	(8.1)	[1.620745]	
Toluene	ND	(5.4)	[1.071466]	ND	(6.1)	[1.228501]	ND	(5.2)	[1.033057]	2.6 J	(8.1)	[1.620745]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	01	04
	01	04					
	01-SS-08 01-SS-08-01 0 - 0.5	01-SS-10 01-SS-10-01 0 - 0.5					
Tribromomethane(Bromoform)	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
Trichloroethene	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
Vinyl acetate	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
Vinyl chloride	ND	(11) [1.071466]	ND	(12) [1.228501]	ND	(10) [1.033057]	(16) [1.620745]
Xylenes	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
cis-1,3-Dichloropropene	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
trans-1,2-Dichloroethene	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
trans-1,3-Dichloropropene	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.4) [1.071466]	ND	(6.1) [1.228501]	ND	(5.2) [1.033057]	(8.1) [1.620745]
1,2,4-Trichlorobenzene	NA		NA		NA		(0.54) [0.053791]
1,2-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]
1,3-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]
1,4-Dichlorobenzene	NA		NA		NA		(0.54) [0.053791]
2,4,5-Trichloropheno1	NA		NA		NA		(0.54) [0.053791]
2,4,6-Trichloropheno1	NA		NA		NA		(0.54) [0.053791]
2,4-Dichloropheno1	NA		NA		NA		(0.54) [0.053791]
2,4-Dimethylpheno1	NA		NA		NA		(0.54) [0.053791]
2,4-Dinitropheno1	NA		NA		NA		(2.7) [0.053791]
2,4-Dinitrotoluene	NA		NA		NA		(0.54) [0.053791]
2,6-Dinitrotoluene	NA		NA		NA		(0.54) [0.053791]
2-Chloronaphthalene	NA		NA		NA		(0.54) [0.053791]
2-Chloropheno1	NA		NA		NA		(0.54) [0.053791]
2-Methylnaphthalene	NA		NA		NA		(0.54) [0.053791]
2-Methylpheno1(o-cresol)	NA		NA		NA		(0.54) [0.053791]
2-Nitroaniline	NA		NA		NA		(0.54) [0.053791]
2-Nitropheno1	NA		NA		NA		(2.7) [0.053791]
3,3'-Dichlorobenzidine	NA		NA		NA		(0.54) [0.053791]
3-Nitroaniline	NA		NA		NA		(1.1) [0.053791]
4,6-Dinitro-2-methylpheno1	NA		NA		NA		(2.7) [0.053791]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	01	04
	LOCATION ID	LOCATION ID			
	SAMPLE ID	SAMPLE ID			
	01-SS-08	01-SS-09	01-SS-10	04-MW-01	
	0 - 0.5	0 - 0.5	0 - 0.5	04-MW-01-02	
				4 - 6	
4-Bromophenyl phenyl ether	NA	NA	NA	ND	(0.54) [0.053791]
4-Chloro-3-methylphenol	NA	NA	NA	ND	(0.54) [0.053791]
4-Chlorophenyl phenyl ether	NA	NA	NA	ND	(0.54) [0.053791]
4-Methylphenol (p-cresol)	NA	NA	NA	ND	(0.54) [0.053791]
4-Nitroaniline	NA	NA	NA	ND	(2.7) [0.053791]
4-Nitrophenol	NA	NA	NA	ND	(2.7) [0.053791]
Acenaphthene	NA	NA	NA	ND	(0.54) [0.053791]
Acenaphthylene	NA	NA	NA	ND	(0.54) [0.053791]
Anthracene	NA	NA	NA	ND	(0.54) [0.053791]
Benzo(a)anthracene	NA	NA	NA	ND	(0.54) [0.053791]
Benzo(a)pyrene	NA	NA	NA	ND	(0.54) [0.053791]
Benzo(b)fluoranthene	NA	NA	NA	ND	(0.54) [0.053791]
Benzo(g,h,i)perylene	NA	NA	NA	ND	(0.54) [0.053791]
Benzo(k)fluoranthene	NA	NA	NA	ND	(0.54) [0.053791]
Benzoic acid	NA	NA	NA	ND	(2.7) [0.053791]
Benzyl alcohol	NA	NA	NA	ND	(0.54) [0.053791]
Butylbenzylphthalate	NA	NA	NA	ND	(0.54) [0.053791]
Chrysene	NA	NA	NA	ND	(0.54) [0.053791]
Di-n-octylphthalate	NA	NA	NA	ND	(0.54) [0.053791]
Dibenz(a,h)anthracene	NA	NA	NA	ND	(0.54) [0.053791]
Dibenzofuran	NA	NA	NA	ND	(0.54) [0.053791]
Dibutylphthalate	NA	NA	NA	ND	(0.54) [0.053791]
Diethylphthalate	NA	NA	NA	ND	(0.54) [0.053791]
Dimethylphthalate	NA	NA	NA	ND	(0.54) [0.053791]
Fluoranthene	NA	NA	NA	ND	(0.54) [0.053791]
Fluorene	NA	NA	NA	ND	(0.54) [0.053791]
Hexachlorobenzene	NA	NA	NA	ND	(0.54) [0.053791]
Hexachlorobutadiene	NA	NA	NA	ND	(0.54) [0.053791]
Hexachlorocyclopentadiene	NA	NA	NA	ND	(0.54) [0.053791]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	REMARKS
	01		04					
	01-SS-08-01 0 - 0.5	01-SS-09-01 0 - 0.5	01-SS-10-01 0 - 0.5	04-MW-01 4 - 6				
Hexachloroethane	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Isophorone	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
N-Nitrosodiphenylamine	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
N-Nitrosodipropylamine	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Naphthalene	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Nitrobenzene	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Pentachloropheno1	NA	NA	NA	ND	(2.7)	[0.053791]	ND	
Phenanthrene	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Phenol	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Pyrene	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
bis(2-Chloroethoxy)methane	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
bis(2-Chloroethyl) ether	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
bis(2-Chloroisopropyl) ether	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
bis(2-Ethylhexyl) phthalate	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
p-Chloroaniline	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	NA	NA	NA	ND	(0.54)	[0.053791]	ND	
Acenaphthene	ND	(190)	(74)	6.1 J	(62)	[34.36426]	ND	
Acenaphthylene	ND	(250)	(94)	ND	(79)	[34.36426]	ND	
Anthracene	ND	(71)	(27)	ND	(23)	[34.36426]	ND	
Benzo(a)anthracene	1.8	(1.4)	(0.53)	2.3	(0.45)	[34.36426]	0.45	
Benzo(a)pyrene	5.4	(2.5)	(0.94)	4.4 J	(7.9)	[343.6426]	ND	
Benzo(b)fluoranthene	6.1	(1.9)	(0.74)	4.7 J	(6.2)	[343.6426]	1.2	
Benzo(g,h,i)perylene	4.6 J	(8.1)	(3.1)	40	(26)	[343.6426]	ND	
Benzo(k)fluoranthene	2.6	(1.8)	(0.69)	3.4 J	(5.8)	[343.6426]	ND	
Chrysene	ND	(16)	(6.1)	ND	(5.2)	[34.36426]	1.4 J	
Dibenzo(a,h)anthracene	1.1 J	(3.2)	(1.2)	ND	(1)	[34.36426]	ND	
Fluoranthene	ND	(22)	(8.6)	13	(7.2)	[34.36426]	ND	
Fluorene	3.5 J	(22)	(8.6)	ND	(7.2)	[34.36426]	ND	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	04			
	01	01							
	01-SS-08 0 - 0.5	01-SS-10 0 - 0.5							
Indeno(1,2,3-cd)pyrene	7.4	(4.6)	[106.95]	ND	(1.8) [40.84967]	9.1	(1.5) [34.36426]	ND	(1.8) [42.01680]
Naphthalene	10 J	(190)	[106.95]	ND	(74) [40.84967]	ND	(62) [34.36426]	ND	(76) [42.01680]
Phenanthrene	96	(68)	[106.95]	ND	(26) [40.84967]	ND	(22) [34.36426]	ND	(27) [42.01680]
Pyrene	ND	(29)	[106.95]	ND	(11) [40.84967]	3.3 J	(9.3) [34.36426]	ND	(11) [42.01680]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	[147]	[150]	170	[37]	[185]	[187]	ND	ND	0.95 B	[34.57814]
	LOCATION ID		SAMPLE ID												
	04	04	04	04											
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	52	(30)	(29)	(15)	[148]	[148]	67	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	0.95 B	(0.35)	[34.57814]
Diesel Range Organics (2)	ND	(15)	(15)	(15)	[148]	[148]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Gasoline Range Organics (2)	ND	(1)	(0.98)	(0.98)	[49.80079]	[49.80079]	0.91 JB	(0.98)	[49.21259]	0.85 JB	(1.2)	[62.2665]	1.1 P	(0.69)	[34.57814]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	ND	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	1	(0.49)	[49.21259]	1.1	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
4,4'-DDD	ND	(2.5)	(2.5)	(2.5)	[49.80079]	[49.80079]	ND	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(1.7)	[34.57814]
4,4'-DDE	ND	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
4,4'-DDT	ND	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	0.34 KJB	(0.49)	[49.21259]	0.43 KJB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Aldrin	ND	(1.5)	(1.5)	(1.5)	[49.80079]	[49.80079]	ND	(1.5)	[49.21259]	ND	(1.9)	[62.2665]	1.5	(1)	[34.57814]
Chlordane	0.43 KJB	(2.5)	(2.5)	(2.5)	[49.80079]	[49.80079]	0.014 PJB	(2.5)	[49.21259]	0.21 PJB	(3.1)	[62.2665]	0.83 PJB	(1.7)	[34.57814]
Dieldrin	1.4 KJB	(2.5)	(2.5)	(2.5)	[49.80079]	[49.80079]	0.068 KJB	(2.5)	[49.21259]	0.062 KJB	(0.62)	[62.2665]	0.18 PJB	(0.35)	[34.57814]
Endosulfan I	0.068 PJB	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	ND	(0.49)	[49.21259]	ND	(1.2)	[62.2665]	1	(0.69)	[34.57814]
Endosulfan II	ND	(1)	(0.98)	(0.98)	[49.80079]	[49.80079]	ND	(0.98)	[49.21259]	ND	(0.62)	[62.2665]	0.36 PB	(0.35)	[34.57814]
Endosulfan Sulfate	0.96 KJ	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	0.84 PB	(0.49)	[49.21259]	1.1 P	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
Endrin	0.44 PJB	(2.5)	(2.5)	(2.5)	[49.80079]	[49.80079]	0.16 KJ	(2.5)	[49.21259]	ND	(3.1)	[62.2665]	ND	(0.35)	[34.57814]
Endrin Aldehyde	ND	(5)	(4.9)	(4.9)	[49.80079]	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(1.7)	[34.57814]
Heptachlor	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
Heptachlor epoxide	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
Methoxychlor	ND	(5)	(4.9)	(4.9)	[49.80079]	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1016	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1221	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1232	ND	(5)	(4.9)	(4.9)	[49.80079]	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1242	ND	(5)	(4.9)	(4.9)	[49.80079]	[49.80079]	ND	(4.9)	[49.21259]	ND	(6.2)	[62.2665]	ND	(3.5)	[34.57814]
PCB-1248	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1254	ND	(10)	(9.8)	(9.8)	[49.80079]	[49.80079]	ND	(9.8)	[49.21259]	ND	(12)	[62.2665]	ND	(6.9)	[34.57814]
PCB-1260	ND	(25)	(25)	(25)	[49.80079]	[49.80079]	ND	(25)	[49.21259]	ND	(31)	[62.2665]	ND	(17)	[34.57814]
Toxaphene	ND	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	ND	(0.49)	[49.21259]	ND	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
alpha-BHC	0.44 KJ	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	2.1	(0.49)	[49.21259]	0.8 PB	(0.62)	[62.2665]	0.23 PJ	(0.35)	[34.57814]
beta-BHC	0.52 B	(0.5)	(0.49)	(0.49)	[49.80079]	[49.80079]	0.55 B	(0.49)	[49.21259]	0.63 PB	(0.62)	[62.2665]	ND	(0.35)	[34.57814]
delta-BHC															

() = Detection Limit [] = Factor () = Not Detected MA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		LOCATION ID				
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID			
BEG. DEPTH - END DEPTH (FT.)	04 04-MW-02 5 - 6.5	04 04-MW-03 04-MW-03-02 5 - 6.5	04 04-MW-04 04-MW-04-02 4 - 6	04 04-SD-01 04-SD-01-01 0 - 0.5			
gamma-BHC	ND	0.58 B	(0.49) [49.21259]	0.6 JB	(0.62) [62.2665]	ND	(0.35) [34.57814]
SW8240 - Volatile Organics (ug/kg)							
1,1,1-Trichloroethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,1,2-Tetrachloroethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,1,2-Trichloroethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,1-Dichloroethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,1-Dichloroethene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,2-Dichloroethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
1,2-Dichloropropane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
2-Chloroethyl vinyl ether	ND	(15) [1.494768]	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
2-Hexanone	ND	(75) [1.494768]	(74) [1.477104]	ND	(93) [1.869158]	ND	(52) [1.037344]
4-Methyl-2-pentanone (MIBK)	ND	(75) [1.494768]	(74) [1.477104]	ND	(93) [1.869158]	ND	(52) [1.037344]
Acetone	ND	(150) [1.494768]	(150) [1.477104]	440	(190) [1.869158]	ND	(100) [1.037344]
Benzene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Bromodichloromethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Bromomethane	ND	(15) [1.494768]	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
Carbon disulfide	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Carbon tetrachloride	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Chlorobenzene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Chloroethane	ND	(15) [1.494768]	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
Chloroform	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Chloromethane	ND	(15) [1.494768]	(15) [1.477104]	ND	(19) [1.869158]	ND	(10) [1.037344]
Dibromochloromethane	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Ethyl benzene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Methyl ethyl ketone	ND	(150) [1.494768]	(150) [1.477104]	79 J	(190) [1.869158]	ND	(100) [1.037344]
Methylene chloride	20	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Styrene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Tetrachloroethene	ND	(7.5) [1.494768]	(7.4) [1.477104]	ND	(9.3) [1.869158]	ND	(5.2) [1.037344]
Toluene	ND	(7.5) [1.494768]	(7.4) [1.477104]	2.5 J	(9.3) [1.869158]	ND	(5.2) [1.037344]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)	ND	[]	=	Factor	[]	=	Detection Limit	[]	=	Not Detected	NA	=	Not Applicable
	LOCATION ID	SAMPLE ID	DEPTH														
	04	04	04														
Tribromomethane (Bromoform)	04-MW-02	04-MW-03	04-MW-04	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
Trichloroethene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
Vinyl acetate	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
Vinyl chloride	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(15)	[1.494768]	ND	(15)	[1.477104]	ND	(19)	[1.869158]	ND	(10)	[1.037344]	
Xylenes	04-MW-02	04-MW-03	04-MW-04	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
cis-1,3-Dichloropropene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
trans-1,2-Dichloroethene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
trans-1,3-Dichloropropene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
SW8270 - Semivolatile Organics (mg/kg)					ND	(7.5)	[1.494768]	ND	(7.4)	[1.477104]	ND	(9.3)	[1.869158]	ND	(5.2)	[1.037344]	
1,2,4-Trichlorobenzene	04-MW-02	04-MW-03	04-MW-04	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
1,2-Dichlorobenzene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
1,3-Dichlorobenzene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
1,4-Dichlorobenzene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,4,5-Trichlorophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,4,6-Trichlorophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,4-Dichlorophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,4-Dimethylphenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,4-Dinitrophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(2.5)	[0.049792]	ND	(2.5)	[0.049089]	ND	(3.1)	[0.062284]	ND	(1.7)	[0.034497]	
2,4-Dinitrotoluene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2,6-Dinitrotoluene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2-Chloronaphthalene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2-Chlorophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2-Methylnaphthalene	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2-Methylphenol (o-cresol)	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
2-Nitroaniline	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(2.5)	[0.049792]	ND	(2.5)	[0.049089]	ND	(3.1)	[0.062284]	ND	(1.7)	[0.034497]	
2-Nitrophenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(0.5)	[0.049792]	ND	(0.49)	[0.049089]	ND	(0.62)	[0.062284]	ND	(0.34)	[0.034497]	
3,3'-Dichlorobenzidine	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(1)	[0.049792]	ND	(0.98)	[0.049089]	ND	(1.2)	[0.062284]	ND	(0.69)	[0.034497]	
3-Nitroaniline	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(2.5)	[0.049792]	ND	(2.5)	[0.049089]	ND	(3.1)	[0.062284]	ND	(1.7)	[0.034497]	
4,6-Dinitro-2-methylphenol	04-MW-02-02	04-MW-03-02	04-MW-04-02	5 - 6.5	ND	(2.5)	[0.049792]	ND	(2.5)	[0.049089]	ND	(3.1)	[0.062284]	ND	(1.7)	[0.034497]	

Compiled: 23 March 1995 () = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
4-Chloro-3-methylphenol	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
4-Chlorophenyl phenyl ether	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
4-Methylphenol (p-cresol)	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
4-Nitroaniline	ND	(2.5) [0.049792]	(2.5) [0.049089]	(3.1) [0.062284]
4-Nitrophenol	ND	(2.5) [0.049792]	(2.5) [0.049089]	(3.1) [0.062284]
Acenaphthene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Acenaphthylene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Anthracene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzo(a)anthracene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzo(a)pyrene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzo(b)fluoranthene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzo(g,h,i)perylene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzo(k)fluoranthene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Benzoic acid	0.11 J	(2.5) [0.049792]	(2.5) [0.049089]	(3.1) [0.062284]
Benzyl alcohol	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Butylbenzylphthalate	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Chrysene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Di-n-octylphthalate	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Dibenz(a,h)anthracene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Dibenzofuran	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Dibutylphthalate	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Diethylphthalate	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Dimethylphthalate	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Fluoranthene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Fluorene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Hexachlorobenzene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Hexachlorobutadiene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]
Hexachlorocyclopentadiene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (ug/kg)	STATUS	REMARKS
	LOCATION ID		SAMPLE ID					
	04	04	04	04				
	04-MW-02	04-MW-03	04-MW-04	04-SD-01	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
Hexachloroethane	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Indeno(1,2,3-cd)pyrene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Isophorone	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
N-Nitrosodiphenylamine	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
N-Nitrosodipropylamine	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Naphthalene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Nitrobenzene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Pentachloropheno1	ND	(2.5) [0.049792]	(2.5) [0.049089]	(3.1) [0.062284]	ND	(3.1) [0.062284]	(1.7) [0.034497]	ND
Phenanthrene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Phenol	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
Pyrene	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
bis(2-Chloroethoxy)methane	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
bis(2-Chloroethyl) ether	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
bis(2-Chloroisopropyl) ether	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
bis(2-Ethylhexyl) phthalate	0.061 JB	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	0.06 JB	(0.62) [0.062284]	(0.34) [0.034497]	0.06 JB
p-Chloroaniline	ND	(0.5) [0.049792]	(0.49) [0.049089]	(0.62) [0.062284]	ND	(0.62) [0.062284]	(0.34) [0.034497]	ND
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(90) [49.75124]	(69) [49.21259]	(74) [40.98360]	ND	(74) [40.98360]	(62) [34.48275]	ND
Acenaphthylene	ND	(110) [49.75124]	(110) [49.21259]	(94) [40.98360]	ND	(94) [40.98360]	(79) [34.48275]	ND
Anthracene	ND	(33) [49.75124]	(32) [49.21259]	(27) [40.98360]	ND	(27) [40.98360]	(23) [34.48275]	ND
Benzo(a)anthracene	ND	(0.65) [49.75124]	(0.64) [49.21259]	(0.53) [40.98360]	0.28 J	(0.53) [40.98360]	(0.45) [34.48275]	0.28 J
Benzo(a)pyrene	ND	(1.1) [49.75124]	(1.1) [49.21259]	(0.94) [40.98360]	0.31 J	(0.94) [40.98360]	(0.79) [34.48275]	0.31 J
Benzo(b)fluoranthene	0.7 J	(0.9) [49.75124]	(0.89) [49.21259]	(0.74) [40.98360]	ND	(0.74) [40.98360]	(0.62) [34.48275]	0.43 J
Benzo(g,h,i)perylene	ND	(3.8) [49.75124]	(3.7) [49.21259]	(3.1) [40.98360]	0.78 J	(3.1) [40.98360]	(2.6) [34.48275]	0.78 J
Benzo(k)fluoranthene	ND	(0.85) [49.75124]	(0.84) [49.21259]	(0.7) [40.98360]	0.06 JB	(0.7) [40.98360]	(0.59) [34.48275]	0.06 JB
Chrysene	ND	(7.5) [49.75124]	(7.4) [49.21259]	(6.1) [40.98360]	ND	(6.1) [40.98360]	(5.2) [34.48275]	ND
Dibenzo(a,h)anthracene	ND	(1.5) [49.75124]	(1.5) [49.21259]	(1.2) [40.98360]	ND	(1.2) [40.98360]	(1) [34.48275]	ND
Fluoranthene	ND	(10) [49.75124]	(10) [49.21259]	(8.6) [40.98360]	ND	(8.6) [40.98360]	(7.2) [34.48275]	ND
Fluorene	ND	(10) [49.75124]	(10) [49.21259]	(8.6) [40.98360]	1.1 JB	(8.6) [40.98360]	(7.2) [34.48275]	1.1 JB

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
Indeno (1,2,3-cd)pyrene	04	04	04	04
	04-MW-02	04-MW-03	04-MW-04	04-SD-01
	04-MW-02-02	04-MW-03-02	04-MW-04-02	04-SD-01-01
	5 - 6.5	5 - 6.5	4 - 6	0 - 0.5
Naphthalene	0.71 J	0.78 J	1.1 J	ND
	ND	ND	ND	ND
	(90) [49.75124]	(2.1) [49.21259]	(89) [49.21259]	(1.5) [34.48275]
	(32) [49.75124]	(89) [49.21259]	(31) [49.21259]	(62) [34.48275]
Phenanthrene	ND	ND	ND	ND
	ND	ND	ND	ND
	(13) [49.75124]	(13) [49.21259]	(13) [49.21259]	(22) [34.48275]
	(13) [49.75124]	(13) [49.21259]	(11) [40.98360]	(9.3) [34.48275]
Pyrene	0.71 J	0.78 J	1.1 J	ND
	ND	ND	ND	ND
	(90) [49.75124]	(2.1) [49.21259]	(89) [49.21259]	(1.5) [34.48275]
	(32) [49.75124]	(89) [49.21259]	(31) [49.21259]	(62) [34.48275]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	[132]	[132]	[128]	[129]	ND	(26)	(13)	(44, 24778)	(44, 24778)	45	(0.5)	[151]	54	(32)	[160]
	LOCATION ID																			
	SAMPLE ID																			
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)																				
Diesel Range Organics (2)	ND	(26)	[128]		ND	(26)	[132]								(0.5)	[151]	3	(0.54)	[53.56186]	
Gasoline Range Organics (2)	13 B	(13)	[129]		ND	(13)	[132]								(0.5)	[152]	ND	(0.54)	[53.56186]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																				
4,4'-DDD	46	(0.43)	[43.02925]		49	(0.44)	[44.24778]								(0.5)	[50.37783]	4.5	(1.1)	[53.56186]	
4,4'-DDE	37	(0.43)	[43.02925]		44	(0.44)	[44.24778]								(0.5)	[50.37783]	2.5	(0.54)	[53.56186]	
4,4'-DDT	43	(0.86)	[43.02925]		45	(0.88)	[44.24778]								(0.5)	[50.37783]	ND	(2.7)	[53.56186]	
Aldrin	ND	(0.43)	[43.02925]		0.3 JB	(0.44)	[44.24778]								(0.5)	[50.37783]	ND	(0.54)	[53.56186]	
Chlordane	ND	(2.2)	[43.02925]		ND	(2.2)	[44.24778]								(0.5)	[50.37783]	ND	(2.7)	[53.56186]	
Dieldrin	ND	(0.43)	[43.02925]		ND	(0.44)	[44.24778]								(0.5)	[50.37783]	ND	(0.54)	[53.56186]	
Endosulfan I	0.47 B	(0.43)	[43.02925]		0.3 PJB	(0.44)	[44.24778]								(0.5)	[50.37783]	ND	(0.54)	[53.56186]	
Endosulfan II	1.2 KJB	(1.3)	[43.02925]		ND	(1.3)	[44.24778]								(1.5)	[50.37783]	1.4 KJB	(1.6)	[53.56186]	
Endosulfan Sulfate	0.56 PJB	(2.2)	[43.02925]		0.062 PJB	(2.2)	[44.24778]								(2.5)	[50.37783]	1.1 PJB	(2.7)	[53.56186]	
Endrin	0.085 KJB	(0.43)	[43.02925]		0.18 PJB	(0.44)	[44.24778]								(0.5)	[50.37783]	ND	(0.54)	[53.56186]	
Endrin Aldehyde	ND	(0.86)	[43.02925]		ND	(0.88)	[44.24778]								(1)	[50.37783]	ND	(1.1)	[53.56186]	
Heptachlor	0.4 PJB	(0.43)	[43.02925]		0.35 PJB	(0.44)	[44.24778]								(0.5)	[50.37783]	0.52 PJB	(0.54)	[53.56186]	
Heptachlor epoxide	1.9 B	(0.43)	[43.02925]		ND	(0.44)	[44.24778]								(0.5)	[50.37783]	2.6 B	(0.54)	[53.56186]	
Methoxychlor	1.5 KJ	(2.2)	[43.02925]		1.2 KJ	(2.2)	[44.24778]								(2.5)	[50.37783]	0.37 KJ	(2.7)	[53.56186]	
PCB-1016	ND	(4.3)	[43.02925]		ND	(4.4)	[44.24778]								(5)	[50.37783]	ND	(5.4)	[53.56186]	
PCB-1221	ND	(8.6)	[43.02925]		ND	(8.8)	[44.24778]								(10)	[50.37783]	ND	(11)	[53.56186]	
PCB-1232	ND	(8.6)	[43.02925]		ND	(8.8)	[44.24778]								(10)	[50.37783]	ND	(11)	[53.56186]	
PCB-1242	ND	(4.3)	[43.02925]		ND	(4.4)	[44.24778]								(5)	[50.37783]	ND	(5.4)	[53.56186]	
PCB-1248	ND	(4.3)	[43.02925]		ND	(4.4)	[44.24778]								(5)	[50.37783]	ND	(5.4)	[53.56186]	
PCB-1254	ND	(8.6)	[43.02925]		ND	(8.8)	[44.24778]								(10)	[50.37783]	ND	(11)	[53.56186]	
PCB-1260	ND	(8.6)	[43.02925]		ND	(8.8)	[44.24778]								(10)	[50.37783]	ND	(11)	[53.56186]	
Toxaphene	ND	(22)	[43.02925]		ND	(22)	[44.24778]								(25)	[50.37783]	ND	(27)	[53.56186]	
alpha-BHC	ND	(0.43)	[43.02925]		ND	(0.44)	[44.24778]								(0.5)	[50.37783]	ND	(0.54)	[53.56186]	
beta-BHC	0.94 B	(0.43)	[43.02925]		ND	(0.44)	[44.24778]								(0.5)	[50.37783]	3	(0.54)	[53.56186]	
delta-BHC	0.4 KJB	(0.43)	[43.02925]		0.42 KJB	(0.44)	[44.24778]								(0.5)	[50.37783]	0.5 JB	(0.54)	[53.56186]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	04		04		04		04	
	04-SD-02-01 0 - 0.5	04-SD-02 Dup of 04-SD-02-01 0 - 0.5	04-SD-03 04-SD-03-01 0 - 0.5	04-SD-04 04-SD-04-01 0 - 0.5	1 B	1.2 B	1 B	1.2 B
gamma-BHC	(0.43)	(0.44)	(0.5)	(0.54)	ND	[50.37783]	ND	[53.56186]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,1,2,2-Tetrachloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,1,2-Trichloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,1-Dichloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,1-Dichloroethene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,2-Dichloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
1,2-Dichloropropane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
2-Chloroethyl vinyl ether	(13)	(13)	(15)	(16)	ND	[1.512859]	ND	[1.607717]
2-Hexanone	(65)	(66)	(76)	(80)	ND	[1.512859]	ND	[1.607717]
4-Methyl-2-pentanone(MIBK)	(65)	(66)	(76)	(80)	ND	[1.512859]	ND	[1.607717]
Acetone	(130)	(130)	(150)	(160)	ND	[1.512859]	ND	[1.607717]
Benzene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Bromodichloromethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Bromomethane	(13)	(13)	(15)	(16)	ND	[1.512859]	ND	[1.607717]
Carbon disulfide	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Carbon tetrachloride	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Chlorobenzene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Chloroethane	(13)	(13)	(15)	(16)	ND	[1.512859]	ND	[1.607717]
Chloroform	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Chloromethane	(13)	(13)	(15)	(16)	ND	[1.512859]	ND	[1.607717]
Dibromochloromethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Ethyl benzene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Methyl ethyl ketone	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Methylene chloride	(130)	(130)	(150)	(160)	ND	[1.512859]	ND	[1.607717]
Methylene chloride	(6.5)	(6.6)	(7.6)	(8)	2.9 JB	[1.512859]	12	[1.607717]
Styrene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Tetrachloroethane	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	ND	[1.607717]
Toluene	(6.5)	(6.6)	(7.6)	(8)	ND	[1.512859]	24	[1.607717]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	04		04		04			
	04-SD-02		04-SD-02		04-SD-03			
	04-SD-02-01		04-DS-01 Dup of 04-SD-02-01		04-SD-03-01			
	0 - 0.5		0 - 0.5		0 - 0.5			
Tribromomethane (Bromoform)	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Trichloroethene	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Vinyl acetate	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
Vinyl chloride	ND	(13) [1.291989]	ND	(13) [1.329787]	ND	(15) [1.512859]	ND	(16) [1.607717]
Xylenes	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
cis-1,3-Dichloropropene	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
trans-1,2-Dichloroethene	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
trans-1,3-Dichloropropene	ND	(6.5) [1.291989]	ND	(6.6) [1.329787]	ND	(7.6) [1.512859]	ND	(8) [1.607717]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
1,2-Dichlorobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
1,3-Dichlorobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
1,4-Dichlorobenzene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,4,5-Trichlorophenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,4,6-Trichlorophenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,4-Dichlorophenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,4-Dimethylphenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,4-Dinitrophenol	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.5) [0.050344]	ND	(2.7) [0.053537]
2,4-Dinitrotoluene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2,6-Dinitrotoluene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2-Chloronaphthalene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2-Chlorophenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2-Methylnaphthalene	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2-Methylphenol (o-cresol)	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
2-Nitroaniline	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.5) [0.050344]	ND	(2.7) [0.053537]
2-Nitrophenol	ND	(0.43) [0.043008]	ND	(0.44) [0.044311]	ND	(0.5) [0.050344]	ND	(0.54) [0.053537]
3,3'-Dichlorobenzidine	ND	(0.86) [0.043008]	ND	(0.89) [0.044311]	ND	(1) [0.050344]	ND	(1.1) [0.053537]
3-Nitroaniline	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.5) [0.050344]	ND	(2.7) [0.053537]
4,6-Dinitro-2-methylphenol	ND	(2.2) [0.043008]	ND	(2.2) [0.044311]	ND	(2.5) [0.050344]	ND	(2.7) [0.053537]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	04		04	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	04-SD-02	04-SD-02	04-SD-03	04-SD-04
	04-SD-02-01	Dup of 04-SD-02-01	04-SD-03-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
4-Chloro-3-methylphenol	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
4-Chlorophenyl phenyl ether	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
4-Methylphenol(p-cresol)	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
4-Nitroaniline	ND	(2.2) [0.043008]	(2.2) [0.044311]	(2.7) [0.053537]
4-Nitrophenol	ND	(2.2) [0.043008]	(2.2) [0.044311]	(2.7) [0.053537]
Acenaphthene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Acenaphthylene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Anthracene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzo(a)anthracene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzo(a)pyrene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzo(b)fluoranthene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzo(g,h,i)perylene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzo(k)fluoranthene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Benzoic acid	0.066 J	(2.2) [0.043008]	(2.2) [0.044311]	(2.7) [0.053537]
Benzyl alcohol	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Butylbenzylphthalate	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Chrysene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Di-n-octylphthalate	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Dibenz(a,h)anthracene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Dibenzofuran	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Dibutylphthalate	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Diethylphthalate	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Dimethylphthalate	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Fluoranthene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Fluorene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Hexachlorobenzene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Hexachlorobutadiene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]
Hexachlorocyclopentadiene	ND	(0.43) [0.043008]	(0.44) [0.044311]	(0.54) [0.053537]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
BEG. DEPTH - END DEPTH (FT.)	04	04	04	04
	04-SD-02 0 - 0.5	04-SD-01 Dup of 04-SD-02-01 0 - 0.5	04-SD-02 0 - 0.5	04-SD-03 04-SD-03-01 0 - 0.5
	04-SD-02 0 - 0.5	04-DS-01 Dup of 04-SD-02-01 0 - 0.5	04-SD-02 0 - 0.5	04-SD-04 04-SD-04-01 0 - 0.5
Hexachloroethane	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Isophorone	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
N-Nitrosodiphenylamine	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
N-Nitrosodipropylamine	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Naphthalene	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Nitrobenzene	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Pentachloropheno1	(2.2) [0.043008]	(2.2) [0.044311]	(2.2) [0.044311]	(2.5) [0.050344]
Phenanthrene	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Pheno1	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
Pyrene	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
bis(2-Chloroethoxy)methane	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
bis(2-Chloroethyl) ether	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
bis(2-Chloroisopropyl) ether	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
bis(2-Ethylhexyl) phthalate	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
P-Chloroaniline	(0.43) [0.043008]	(0.44) [0.044311]	(0.44) [0.044311]	(0.5) [0.050344]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	ND	ND	ND	ND
Acenaphthylene	(77) [43.01075]	(80) [44.18912]	(80) [44.18912]	(96) [53.47593]
Anthracene	(99) [43.01075]	(100) [44.18912]	(100) [44.18912]	(120) [53.47593]
Benzo(a)anthracene	(28) [43.01075]	(29) [44.18912]	(29) [44.18912]	(35) [53.47593]
Benzo(a)pyrene	(0.56) [43.01075]	(0.57) [44.18912]	(0.57) [44.18912]	(0.7) [53.47593]
Benzo(b)fluoranthene	(0.99) [43.01075]	(1) [44.18912]	(1) [44.18912]	(1.2) [53.47593]
Benzo(g,h,i)perylene	(0.77) [43.01075]	(0.8) [44.18912]	(0.8) [44.18912]	(0.96) [53.47593]
Benzo(k)fluoranthene	(3.3) [43.01075]	(3.4) [44.18912]	(3.4) [44.18912]	(4.1) [53.47593]
Chrysene	(0.73) [43.01075]	(0.75) [44.18912]	(0.75) [44.18912]	(0.91) [53.47593]
Dibenzo(a,h)anthracene	(6.5) [43.01075]	(6.6) [44.18912]	(6.6) [44.18912]	(8) [53.47593]
Fluoranthene	(1.3) [43.01075]	(1.3) [44.18912]	(1.3) [44.18912]	(1.6) [53.47593]
Fluorene	(9) [43.01075]	(9.3) [44.18912]	(9.3) [44.18912]	(11) [53.47593]
	(9) [43.01075]	(9.3) [44.18912]	(9.3) [44.18912]	(11) [53.47593]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	04	04	04	04
	04-SD-02	04-SD-02	04-SD-03	04-SD-04
	04-SD-02-01	04-DS-01 Dup of 04-SD-02-01	04-SD-03-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

Indeno(1,2,3-cd)pyrene	ND	1.1 J	0.86 J	1.7 J
Naphthalene	(1.8) [43.01075] (77) [43.01075]	(1.9) [44.18912] (80) [44.18912]	(2.4) [55.37098] (100) [55.37098]	(2.3) [53.47593] (96) [53.47593]
Phenanthrene	(28) [43.01075]	(28) [44.18912]	(35) [55.37098]	(34) [53.47593]
Pyrene	(12) [43.01075]	(12) [44.18912]	(15) [55.37098]	(14) [53.47593]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	04			04		
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
SW8015MEMP - Monhalogenated Volatile Organics						
Diesel Range Organics (2)	120	(35)	[177]	NA	NA	
Gasoline Range Organics (2)	ND	(18)	[178]	NA	NA	
SW8080 - Organochlorine Pesticides and PCBs						
4,4'-DDD	28	(0.59)	[59.24170]	NA	NA	
4,4'-DDE	36	(0.59)	[59.24170]	NA	NA	
4,4'-DDT	64	(1.2)	[59.24170]	NA	NA	
Aldrin	ND	(0.59)	[59.24170]	NA	NA	
Chlordane	ND	(3)	[59.24170]	NA	NA	
Dieldrin	ND	(0.59)	[59.24170]	NA	NA	
Endosulfan I	0.4 JB	(0.59)	[59.24170]	NA	NA	
Endosulfan II	1.5 KJ	(1.8)	[59.24170]	NA	NA	
Endosulfan Sulfate	ND	(3)	[59.24170]	NA	NA	
Endrin	0.4 PJB	(0.59)	[59.24170]	NA	NA	
Endrin Aldehyde	ND	(1.2)	[59.24170]	NA	NA	
Heptachlor	1.2	(0.59)	[59.24170]	NA	NA	
Heptachlor epoxide	3.6 B	(0.59)	[59.24170]	NA	NA	
Methoxychlor	ND	(3)	[59.24170]	NA	NA	
PCB-1016	ND	(5.9)	[59.24170]	NA	NA	
PCB-1221	ND	(12)	[59.24170]	NA	NA	
PCB-1232	ND	(12)	[59.24170]	NA	NA	
PCB-1242	ND	(5.9)	[59.24170]	NA	NA	
PCB-1248	ND	(5.9)	[59.24170]	NA	NA	
PCB-1254	ND	(12)	[59.24170]	NA	NA	
PCB-1260	ND	(12)	[59.24170]	NA	NA	
Toxaphene	ND	(30)	[59.24170]	NA	NA	
alpha-BHC	0.43 JB	(0.59)	[59.24170]	NA	NA	
beta-BHC	ND	(0.59)	[59.24170]	NA	NA	
delta-BHC	0.91 B	(0.59)	[59.24170]	NA	NA	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
gamma-BHC	1.6	(0.59) [59.24170]	ND	(0.54) [53.85029]
SW8240 - Volatile Organics (ug/kg)				
1,1,1-Trichloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,1,2,2-Tetrachloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,1,2-Trichloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,1-Dichloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,1-Dichloroethene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,2-Dichloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
1,2-Dichloropropane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
2-Chloroethyl vinyl ether	ND	(18) [1.779359]	ND	(16) [1.618122]
2-Hexanone	ND	(89) [1.779359]	ND	(81) [1.618122]
4-Methyl-2-pentanone (MIBK)	ND	(89) [1.779359]	ND	(81) [1.618122]
Acetone	ND	(180) [1.779359]	ND	(160) [1.618122]
Benzene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Bromodichloromethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Bromomethane	ND	(18) [1.779359]	ND	(16) [1.618122]
Carbon disulfide	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Carbon tetrachloride	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Chlorobenzene	ND	(18) [1.779359]	ND	(16) [1.618122]
Chloroethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Chloroform	ND	(18) [1.779359]	ND	(16) [1.618122]
Chloromethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Dibromochloromethane	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Ethyl benzene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Methyl ethyl ketone	ND	(180) [1.779359]	ND	(160) [1.618122]
Methylene chloride	14	(8.9) [1.779359]	8.8 B	(8.1) [1.618122]
Styrene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Tetrachloroethene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]
Toluene	ND	(8.9) [1.779359]	ND	(8.1) [1.618122]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Tribromomethane (Bromoform)	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Trichloroethene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Vinyl acetate	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
Vinyl chloride	ND	(18) [1.779359]	ND	(16) [1.636661]
Xylenes	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
cis-1,3-Dichloropropene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
trans-1,2-Dichloroethene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
trans-1,3-Dichloropropene	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
SW8270 - Semivolatile Organics (mg/kg)	ND	(8.9) [1.779359]	ND	(8.2) [1.636661]
1,2,4-Trichlorobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
1,2-Dichlorobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
1,3-Dichlorobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
1,4-Dichlorobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,4,5-Trichlorophenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,4,6-Trichlorophenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,4-Dichlorophenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,4-Dimethylphenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,4-Dinitrophenol	ND	(3) [0.059154]	ND	(2.7) [0.054464]
2,4-Dinitrotoluene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2,6-Dinitrotoluene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2-Chloronaphthalene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2-Chlorophenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2-Methylnaphthalene	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2-Methylphenol (o-cresol)	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
2-Nitroaniline	ND	(3) [0.059154]	ND	(2.7) [0.054464]
2-Nitrophenol	ND	(0.59) [0.059154]	ND	(0.54) [0.054464]
3,3'-Dichlorobenzidine	ND	(1.2) [0.059154]	ND	(1.1) [0.054464]
3-Nitroaniline	ND	(3) [0.059154]	ND	(2.7) [0.054464]
4,6-Dinitro-2-methylphenol	ND	(3) [0.059154]	ND	(2.7) [0.054464]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)		
	LOCATION ID	LOCATION ID	LOCATION ID			
	SAMPLE ID	SAMPLE ID	SAMPLE ID			
	04	04	04			
	04-SS-01	04-SS-01	04-SS-02	04-SS-03		
	0 - 0.5	04-DS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01		
		0 - 0.5	0 - 0.5	0 - 0.5		
4-Bromophenyl phenyl ether	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chloro-3-methylphenol	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Chlorophenyl phenyl ether	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Methylphenol (p-cresol)	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
4-Nitroaniline	ND	(3) [0.059154]	(2.8) [0.056212]	(2.7) [0.053811]	ND	(2.7) [0.054464]
4-Nitrophenol	ND	(3) [0.059154]	(2.8) [0.056212]	(2.7) [0.053811]	ND	(2.7) [0.054464]
Acenaphthene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Acenaphthylene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Anthracene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)anthracene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(a)pyrene	0.021 J	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(b)fluoranthene	0.029 J	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(g,h,i)perylene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzo(k)fluoranthene	0.019 J	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Benzoic acid	0.24 J	(3) [0.059154]	(2.8) [0.056212]	(2.7) [0.053811]	0.12 J	(2.7) [0.054464]
Benzyl alcohol	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Butylbenzylphthalate	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Chrysene	0.045 J	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Di-n-octylphthalate	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenz(a,h)anthracene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibenzofuran	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dibutylphthalate	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Diethylphthalate	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Dimethylphthalate	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluoranthene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Fluorene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobenzene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorobutadiene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]
Hexachlorocyclopentadiene	ND	(0.59) [0.059154]	(0.56) [0.056212]	(0.54) [0.053811]	ND	(0.54) [0.054464]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	04		04			
	LOCATION ID	04-SS-01	04-SS-02	04-SS-03		
SAMPLE ID	04-SS-01-01	04-SS-02 Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01		
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
Hexachloroethane	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Indeno(1,2,3-cd)pyrene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Isophorone	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
N-Nitrosodiphenylamine	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
N-Nitrosodipropylamine	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Naphthalene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Nitrobenzene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Pentachloropheno1	ND	(3) [0.059154]	ND	(2.7) [0.053811]	ND	(2.7) [0.054464]
Phenanthrene	ND	(0.59) [0.059154]	0.014 J	(0.54) [0.053811]	ND	(0.54) [0.054464]
Pheno1	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
Pyrene	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroethoxy)methane	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroethyl)ether	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Chloroisopropyl)ether	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	ND	(0.54) [0.054464]
bis(2-Ethylhexyl)phthalate	0.2 J	(0.59) [0.059154]	0.084 JB	(0.54) [0.053811]	ND	(0.54) [0.054464]
p-Chloroaniline	ND	(0.59) [0.059154]	ND	(0.54) [0.053811]	0.051 JB	(0.54) [0.054464]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	ND	(110) [59.17159]	ND	(100) [56.24296]	ND	(98) [54.40696]
Acenaphthylene	ND	(140) [59.17159]	ND	(130) [56.24296]	ND	(130) [54.40696]
Anthracene	ND	(39) [59.17159]	ND	(37) [56.24296]	ND	(36) [54.40696]
Benzo(a)anthracene	1.6	(0.77) [59.17159]	0.63 J	(0.73) [56.24296]	ND	(0.71) [54.40696]
Benzo(a)pyrene	6.9	(1.4) [59.17159]	1.8	(1.3) [56.24296]	ND	(1.3) [54.40696]
Benzo(b)fluoranthene	9	(1.1) [59.17159]	2.7	(1) [56.24296]	0.99	(0.98) [54.40696]
Benzo(g,h,i)perylene	3.4 J	(4.5) [59.17159]	2.3 J	(4.3) [56.24296]	1.3 J	(4.1) [54.40696]
Benzo(k)fluoranthene	3.1	(1) [59.17159]	0.78 J	(0.96) [56.24296]	0.085 JB	(0.92) [54.40696]
Chrysene	11	(8.9) [59.17159]	2.4 J	(8.4) [56.24296]	ND	(8.2) [54.40696]
Dibenzo(a,h)anthracene	3.3	(1.8) [59.17159]	0.81 J	(1.7) [56.24296]	ND	(1.6) [54.40696]
Fluoranthene	5 J	(12) [59.17159]	ND	(12) [56.24296]	ND	(11) [54.40696]
Fluorene	ND	(12) [59.17159]	ND	(12) [56.24296]	ND	(11) [54.40696]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID			
	SAMPLE ID			
BEG. DEPTH - END DEPTH (FT.)	04	04	04	04
	04-SS-01 0 - 0.5	04-SS-01 0 - 0.5	04-SS-02 0 - 0.5	04-SS-03 0 - 0.5
	04-DS-02 Dup of 04-SS-01-01 0 - 0.5	04-SS-01 0 - 0.5	04-SS-02 0 - 0.5	04-SS-03 0 - 0.5
Indeno(1,2,3-cd)pyrene	9.2 (2.5) [59.17159]	2.5 (2.4) [56.24296]	ND (2.3) [53.90835]	2 J (2.3) [54.40696]
Naphthalene	ND (110) [59.17159]	ND (100) [56.24296]	ND (97) [53.90835]	ND (98) [54.40696]
Phenanthrene	ND (38) [59.17159]	ND (36) [56.24296]	ND (35) [53.90835]	ND (35) [54.40696]
Pyrene	5.2 J (16) [59.17159]	ND (15) [56.24296]	ND (15) [53.90835]	ND (15) [54.40696]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						05		05		05			
	05-MW-01		05-MW-02		05-MW-03		05-MW-02		05-MW-03		05-MW-03			
	0	0 - 0.5	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-MW-03-02	7	7 - 9	05-MW-03-02	05-MW-03-02	05-MW-03-02 Dup of 05-MW-03-02	8	8 - 12	
						BEG. DEPTH -	END DEPTH (FT.)							
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	27	[128]	ND	(26)	[128]	ND	(23)	[115]	ND	(24)	[122]	ND	(25)	[123]
Diesel Range Organics (2)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
Gasoline Range Organics (2)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
SW8240 - Volatile Organics (ug/kg)	ND	[128]	ND	(13)	[128]	ND	(11)	[114]	ND	(12)	[120]	ND	(12)	[116]
1,1,1-Trichloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1,2,2-Tetrachloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1,2-Trichloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1-Dichloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,1-Dichloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,2-Dichloroethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
1,2-Dichloropropane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
2-Chloroethyl vinyl ether	ND	(260)	[25.70694]	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
2-Hexanone	ND	(1300)	[25.70694]	(1300)	[25.70694]	ND	(58)	[1.156069]	ND	(1200)	[24.57002]	ND	(61)	[1.228501]
4-Methyl-2-pentanone(MIBK)	ND	(1300)	[25.70694]	(1300)	[25.70694]	ND	(58)	[1.156069]	ND	(1200)	[24.57002]	ND	(61)	[1.228501]
Acetone	ND	(2600)	[25.70694]	(2600)	[25.70694]	ND	(120)	[1.156069]	ND	(2500)	[24.57002]	ND	(120)	[1.228501]
Benzene	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(120)	[24.57002]
Bromodichloromethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Bromomethane	ND	(260)	[25.70694]	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Carbon disulfide	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Carbon tetrachloride	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chlorobenzene	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chloroethane	ND	(260)	[25.70694]	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Chloroform	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Chloromethane	ND	(260)	[25.70694]	(260)	[25.70694]	ND	(12)	[1.156069]	ND	(250)	[24.57002]	ND	(12)	[1.228501]
Dibromochloromethane	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Ethyl benzene	79 J	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]
Methyl ethyl ketone	540 J	(2600)	[25.70694]	(2600)	[25.70694]	ND	(120)	[1.156069]	ND	(2500)	[24.57002]	150	(6.1)	[1.228501]
Methylene chloride	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	3.3 JB	(6.1)	[1.228501]
Styrene	ND	(130)	[25.70694]	(130)	[25.70694]	ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	6.6 B	(6.1)	[1.228501]
						ND	(5.8)	[1.156069]	ND	(120)	[24.57002]	ND	(6.1)	[1.228501]

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				PARAMETER	SITE ID			
	05		05			05		05	
	05-MW-01 0 - 0.5	05-MW-02 7 - 9	05-MW-02 05-MW-02-02 7 - 9	05-MW-03 05-MW-03-02 8 - 12		05-MW-01 0 - 0.5	05-MW-02 7 - 9	05-MW-02 05-MW-02-02 7 - 9	05-MW-03 05-MW-03-02 8 - 12
Tetrachloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
Toluene	340	(130) [25.70694]	ND	(5.8) [1.156069]	49 J	(120) [24.57002]	1600	(120) [24.57002]	
Tribromomethane (bromoform)	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
Trichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
Vinyl acetate	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
Vinyl chloride	ND	(260) [25.70694]	ND	(12) [1.156069]	ND	(250) [24.57002]	ND	(12) [1.228501]	
Xylenes	350	(130) [25.70694]	ND	(5.8) [1.156069]	43 J	(120) [24.57002]	1300	(6.1) [1.228501]	
cis-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
trans-1,2-Dichloroethene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
trans-1,3-Dichloropropene	ND	(130) [25.70694]	ND	(5.8) [1.156069]	ND	(120) [24.57002]	ND	(6.1) [1.228501]	
SW8270 - Semivolatile Organics (mg/kg)									
1,2,4-Trichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
1,2-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
1,3-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
1,4-Dichlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2,4,5-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2,4,6-Trichlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2,4-Dimethylphenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2,4-Dinitrophenol	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	
2,4-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2,6-Dinitrotoluene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2-Chloronaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2-Chlorophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2-Methylnaphthalene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2-Methylphenol (o-cresol)	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
2-Nitroaniline	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	(2) [0.04095]	ND	(2) [0.04095]	
2-Nitrophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	(0.41) [0.04095]	ND	(0.41) [0.04095]	
3,3'-Dichlorobenzidine	ND	(0.86) [0.042844]	ND	(0.77) [0.038535]	ND	(0.82) [0.04095]	ND	(0.82) [0.04095]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					BEG. DEPTH - END DEPTH (FT.)
	05	05	05	05	05	
	05-MW-01 0 - 0.5	05-MW-02 7 - 9	05-MW-03 8 - 12	05-MW-03 8 - 12	05-MW-03 8 - 12	
LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	05-DS-02 Dup of 05-MW-03-02	
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
3-Nitroaniline	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	[0.04095] (2)
4,6-Dinitro-2-methylphenol	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	[0.04095] (2)
4-Bromophenyl phenyl ether	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
4-Chloro-3-methylphenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
4-Chlorophenyl phenyl ether	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
4-Methylphenol(p-cresol)	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	[0.04095] (2)
4-Nitroaniline	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	[0.04095] (2)
4-Nitrophenol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Acenaphthene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Acenaphthylene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Anthracene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzo(a)anthracene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzo(a)pyrene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzo(b)fluoranthene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzo(g,h,i)perylene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzo(k)fluoranthene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Benzoic acid	ND	(2.1) [0.042844]	ND	(1.9) [0.038535]	ND	[0.04095] (2)
Benzyl alcohol	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Butylbenzylphthalate	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Chrysene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Di-n-octylphthalate	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Dibenz(a,h)anthracene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Dibenzofuran	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Dibutylphthalate	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Diethylphthalate	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Dimethylphthalate	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Fluoranthene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Fluorene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)
Hexachlorobenzene	ND	(0.43) [0.042844]	ND	(0.39) [0.038535]	ND	[0.04095] (0.41)

() = Detection Limit [] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-MW-01	05-MW-02	05-MW-03	05-MW-03
	05-MW-01-02	05-MW-02-02	05-MW-03-02	05-MW-03-02
	0 - 0.5	7 - 9	8 - 12	8 - 12
				05-DS-02 Dup of 05-MW-03-02
				8 - 12
Hexachlorobutadiene	ND	ND	ND	ND
Hexachlorocyclopentadiene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Hexachloroethane	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Indeno(1,2,3-cd)pyrene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Isophorone	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
N-Nitrosodiphenylamine	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
N-Nitrosodipropylamine	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Naphthalene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Nitrobenzene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Pentachloropheno1	(2.1) [0.042844]	(1.9) [0.038535]	(2) [0.04095]	(2) [0.04095]
Phenanthrene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Pheno1	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
Pyrene	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
bis(2-Chloroethoxy)methane	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
bis(2-Chloroethyl)ether	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
bis(2-Chloroisopropyl)ether	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
bis(2-Ethylhexyl)phthalate	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]
p-Chloroaniline	(0.43) [0.042844]	(0.39) [0.038535]	(0.41) [0.04095]	(0.41) [0.04095]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05		05		05		
	05-MW-04		05-MW-05		05-MW-06		05-MW-01-01		05-MW-06-02		
	8 - 10	5 - 7	6200	55000	6200	55000	13 B	17000	3400	17000	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	7600	(2500)	[12700]	(30)	[152]	ND	ND	(25)	(123)	(590)	[2970]
Diesel Range Organics (2)	8200	(4900)	[48800]	(6100)	[61300]	13 B	17000	(12)	[124]	(4700)	[47400]
Gasoline Range Organics (2)	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
SW8240 - Volatile Organics (ug/kg)	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,1,1-Trichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,1,2,2-Tetrachloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,1,2-Trichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,1-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,1-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,2-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,2-Dichloropropane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
1,2-Dichloroethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
2-Chloroethyl vinyl ether	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	(3000)	[598.0861]
2-Hexanone	ND	(320000)	[6410.256]	(77000)	[1533.742]	ND	ND	(62)	[1.240694]	(6000)	[598.0861]
4-Methyl-2-pentanone (MTBK)	ND	(320000)	[6410.256]	(77000)	[1533.742]	ND	ND	(62)	[1.240694]	(30000)	[598.0861]
Acetone	ND	(640000)	[6410.256]	(150000)	[1533.742]	ND	ND	(120)	[1.240694]	(60000)	[598.0861]
Benzene	160000	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Bromodichloromethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Bromomethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	(6000)	[598.0861]
Carbon disulfide	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Carbon tetrachloride	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Chlorobenzene	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Chloroethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	(6000)	[598.0861]
Chloroform	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Chloromethane	ND	(64000)	[6410.256]	(15000)	[1533.742]	ND	ND	(12)	[1.240694]	(6000)	[598.0861]
Dibromochloromethane	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Ethyl benzene	100000	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Methyl ethyl ketone	ND	(640000)	[6410.256]	(150000)	[1533.742]	ND	ND	(120)	[1.240694]	(60000)	[598.0861]
Methylene chloride	ND	(32000)	[6410.256]	(7700)	[1533.742]	1.8 JB	ND	(6.2)	[1.240694]	(3000)	[598.0861]
Styrene	ND	(32000)	[6410.256]	(7700)	[1533.742]	ND	ND	(6.2)	[1.240694]	(3000)	[598.0861]

Compiled: 23 March 1995
 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1982 EVENT.

PARAMETER	SITE ID											
	05		05		05		05		05			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	05-MW-04		05-MW-05		05-MW-06		05-SB-01		05-SB-01			
	05-MW-04-02		05-MW-05-02		05-MW-06-02		05-SB-01-01		05-SB-01-01			
	8 - 10		5 - 7		7 - 9		2 - 4		2 - 4			
	BEG. DEPTH - END DEPTH (FT.)											
Tetrachloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
Toluene	640000	(32000)	[6410.256]	360000	(7700)	[1533.742]	0.32 JB	(6.2)	[1.240694]	20000	(3000)	[598.0861]
Tribromomethane (Bromoform)	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
Trichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
Vinyl acetate	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
Vinyl chloride	ND	(64000)	[6410.256]	ND	(15000)	[1533.742]	ND	(12)	[1.240694]	ND	(6000)	[598.0861]
Xylenes	480000	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	120000	(3000)	[598.0861]
cis-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
trans-1,2-Dichloroethene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
trans-1,3-Dichloropropene	ND	(32000)	[6410.256]	ND	(7700)	[1533.742]	ND	(6.2)	[1.240694]	ND	(3000)	[598.0861]
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
1,2-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
1,3-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
1,4-Dichlorobenzene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,4,5-Trichloropheno	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,4,6-Trichloropheno	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,4-Dichloropheno	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,4-Dimethylpheno	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,4-Dinitrophenol	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]
2,4-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2,6-Dinitrotoluene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2-Chloronaphthalene	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2-Chloropheno	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2-Methylnaphthalene	15	(12)	[1.173708]	130	(15)	[1.526111]	ND	(0.41)	[0.041246]	3 J	(12)	[1.184328]
2-Methylpheno (o-cresol)	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
2-Nitroaniline	ND	(59)	[1.173708]	ND	(7.6)	[0.152611]	ND	(2.1)	[0.041246]	ND	(59)	[1.184328]
2-Nitrophenol	ND	(12)	[1.173708]	ND	(1.5)	[0.152611]	ND	(0.41)	[0.041246]	ND	(12)	[1.184328]
3,3'-Dichlorobenzidine	ND	(23)	[1.173708]	ND	(3.1)	[0.152611]	ND	(0.82)	[0.041246]	ND	(24)	[1.184328]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05	
	05-MW-04 8 - 10	05-MW-05 5 - 7	05-MW-06 7 - 9	05-MW-06 7 - 9	05-SB-01 2 - 4	05-SB-01 2 - 4
	SITE ID	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)		
3-Nitroaniline	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	(59) [1.184328]
4,6-Dinitro-2-methylphenol	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	(59) [1.184328]
4-Bromophenyl phenyl ether	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
4-Chloro-3-methylphenol	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
4-Chlorophenyl phenyl ether	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
4-Methylphenol(p-cresol)	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
4-Nitroaniline	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	(59) [1.184328]
4-Nitrophenol	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	(59) [1.184328]
Acenaphthene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Acenaphthylene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Anthracene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzo(a)anthracene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzo(a)pyrene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzo(b)fluoranthene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzo(g,h,i)perylene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzo(k)fluoranthene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Benzoic acid	(59) [1.173708]	ND	(7.6) [0.152611]	ND	(2.1) [0.041246]	(59) [1.184328]
Benzy] alcohol	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Butylbenzylphthalate	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Chrysene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Di-n-octylphthalate	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Dibenz(a,h)anthracene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Dibenzofuran	(12) [1.173708]	0.86 J	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Dibutylphthalate	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Diethylphthalate	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Dimethylphthalate	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Fluoranthene	(12) [1.173708]	0.16 J	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Fluorene	(12) [1.173708]	2.3	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]
Hexachlorobenzene	(12) [1.173708]	ND	(1.5) [0.152611]	ND	(0.41) [0.041246]	(12) [1.184328]

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05 05-MW-04 05-MW-04-02 8 - 10	05 05-MW-05 05-MW-05-02 5 - 7	05 05-MW-06 05-MW-06-02 7 - 9	05 05-SB-01 05-SB-01-01 2 - 4
Hexachlorobutadiene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Hexachlorocyclopentadiene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Hexachloroethane	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Indeno(1,2,3-cd)pyrene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Isophorone	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
N-Nitrosodiphenylamine	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
N-Nitrosodipropylamine	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Naphthalene	2.6 J (12) [1.173708]	(15) [1.526111]	ND (0.41) [0.041246]	ND (12) [1.184328]
Nitrobenzene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Pentachlorophenol	ND (59) [1.173708]	(7.6) [0.152611]	(2.1) [0.041246]	(59) [1.184328]
Phenanthrene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Phenol	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
Pyrene	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
bis(2-Chloroethoxy)methane	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
bis(2-Chloroethyl) ether	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
bis(2-Chloroisopropyl) ether	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
bis(2-Ethylhexyl) phthalate	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]
p-Chloroaniline	ND (12) [1.173708]	ND (1.5) [0.152611]	ND (0.41) [0.041246]	ND (12) [1.184328]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	05		05		05	
	LOCATION ID	SAMPLE ID		05-SB-01	05-SB-02	05-SB-01	05-SB-02	05-SB-01	05-SB-02
				8 - 10	2 - 4	2 - 4	5 - 7	5 - 7	5 - 7
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)									
Diesel Range Organics (2)	ND	[130]	38	(27)	[135]	1800	(590)	[2960]	16000
Gasoline Range Organics (2)	ND	[49300]	53	(13)	[127]	15000	(5000)	[50400]	14000
SW8240 - Volatile Organics (ug/kg)									
1,1,1-Trichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,1,2,2-Tetrachloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,1,2-Trichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,1-Dichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,1-Dichloroethene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,2-Dichloroethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
1,2-Dichloropropane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
2-Chloroethyl vinyl ether	ND	(13) [1.300390]	ND	(14)	[1.358695]	ND	(59000)	[5931.198]	ND
2-Hexanone	ND	(65) [1.300390]	ND	(68)	[1.358695]	ND	(300000)	[5931.198]	ND
4-Methyl-2-pentanone (MIBK)	ND	(65) [1.300390]	ND	(68)	[1.358695]	ND	(300000)	[5931.198]	ND
Acetone	230	(130) [1.300390]	130 JB	(140)	[1.358695]	ND	(590000)	[5931.198]	ND
Benzene	20	(6.5) [1.300390]	92	(6.8)	[1.358695]	100000	(30000)	[5931.198]	200000
Bromodichloromethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Bromomethane	ND	(13) [1.300390]	ND	(14)	[1.358695]	ND	(59000)	[5931.198]	ND
Carbon disulfide	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Carbon tetrachloride	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Chlorobenzene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Chloroethane	ND	(13) [1.300390]	ND	(14)	[1.358695]	ND	(59000)	[5931.198]	ND
Chloroform	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Chloromethane	ND	(13) [1.300390]	ND	(14)	[1.358695]	ND	(59000)	[5931.198]	ND
Dibromochloromethane	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Ethyl benzene	170	(6.5) [1.300390]	130	(6.8)	[1.358695]	74000	(30000)	[5931.198]	120000
Methyl ethyl ketone	50 JB	(130) [1.300390]	18 JB	(140)	[1.358695]	ND	(590000)	[5931.198]	ND
Methylene chloride	9.7 B	(6.5) [1.300390]	12	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND
Styrene	ND	(6.5) [1.300390]	ND	(6.8)	[1.358695]	ND	(30000)	[5931.198]	ND

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	05 05-SB-01 05-SB-01-03 8 - 10	05 05-SB-02 05-SB-02-01 2 - 4	05 05-SB-02 05-SB-02-02 5 - 7	
	PARAMETER	05		05							
		05-SB-01 5 - 7	05-SB-01-03 8 - 10	05-SB-02 2 - 4							05-SB-02-02 5 - 7
Tetrachloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
Toluene	2100	(130) [26.00780]	520	(140) [27.17391]	710000	(30000) [5931.198]	620000	(32000) [6476.683]			
Tribromomethane (Bromoform)	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
Trichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
Vinyl acetate	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
Vinyl chloride	ND	(13) [1.300390]	ND	(14) [1.358695]	ND	(59000) [5931.198]	ND	(65000) [6476.683]			
Xylenes	1100	(6.5) [1.300390]	600	(6.8) [1.358695]	1500000	(30000) [5931.198]	490000	(32000) [6476.683]			
cis-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
trans-1,2-Dichloroethene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
trans-1,3-Dichloropropene	ND	(6.5) [1.300390]	ND	(6.8) [1.358695]	ND	(30000) [5931.198]	ND	(32000) [6476.683]			
SW8270 - Semivolatile Organics (mg/kg)											
1,2,4-Trichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
1,2-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
1,3-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
1,4-Dichlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,4,5-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,4,6-Trichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,4-Dichlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,4-Dimethylphenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,4-Dinitrophenol	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]			
2,4-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2,6-Dinitrotoluene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2-Chloronaphthalene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2-Chlorophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2-Methylnaphthalene	0.044 J	(0.43) [0.043346]	ND	(0.45) [0.045289]	22	(12) [1.16298]	140	(12) [1.245516]			
2-Methylphenol (o-cresol)	0.078 J	(0.43) [0.043346]	0.084 J	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
2-Nitroaniline	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	ND	(62) [1.245516]			
2-Nitrophenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	ND	(12) [1.245516]			
3,3'-Dichlorobenzidine	ND	(0.87) [0.043346]	ND	(0.91) [0.045289]	ND	(23) [1.16298]	ND	(25) [1.245516]			

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	05 05-SB-01 05-SB-01-03 8 - 10	05 05-SB-02 05-SB-02-01 2 - 4	05 05-SB-02 05-SB-02-02 5 - 7
	05	05						
	05-SB-01 05-SB-01-02 5 - 7	05-SB-02 05-SB-02-01 2 - 4						
3-Nitroaniline	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	(62) [1.245516]	ND
4,6-Dinitro-2-methylphenol	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	(62) [1.245516]	ND
4-Bromophenyl phenyl ether	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
4-Chloro-3-methylphenol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
4-Chlorophenyl phenyl ether	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
4-Methylphenol (p-cresol)	0.21 J	(0.43) [0.043346]	0.099 J	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
4-Nitroaniline	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	(62) [1.245516]	ND
4-Nitrophenol	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	(62) [1.245516]	ND
Acenaphthene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Acenaphthylene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Anthracene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzo(a)anthracene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzo(a)pyrene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzo(b)fluoranthene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzo(g,h,i)perylene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzo(k)fluoranthene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Benzoic acid	ND	(2.2) [0.043346]	ND	(2.3) [0.045289]	ND	(58) [1.16298]	(62) [1.245516]	ND
Benzyl alcohol	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Butylbenzylphthalate	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Chrysene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Di-n-octylphthalate	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Dibenz(a,h)anthracene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Dibenzofuran	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Dibutylphthalate	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Diethylphthalate	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Dimethylphthalate	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Fluoranthene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Fluorene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	ND
Hexachlorobenzene	ND	(0.43) [0.043346]	ND	(0.45) [0.045289]	ND	(12) [1.16298]	(12) [1.245516]	2.1 J ND

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05	
	05-SB-01		05-SB-02		05-SB-02	
	5 - 7	8 - 10	8 - 10	2 - 4	5 - 7	5 - 7
	SITE ID		LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
Hexachlorobutadiene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Hexachlorocyclopentadiene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Hexachloroethane	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Indeno(1,2,3-cd)pyrene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Isophorone	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
N-Nitrosodiphenylamine	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
N-Nitrosodipropylamine	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Naphthalene	0.19 J	(0.43) [0.0433346]	0.038 J	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Nitrobenzene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
PentachlorophenoI	ND	(2.2) [0.0433346]	ND	(2.3) [0.045289]	(58) [1.16298]	(62) [1.245516]
Phenanthrene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Phenol	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
Pyrene	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
bis(2-Chloroethoxy)methane	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
bis(2-Chloroethyl) ether	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
bis(2-Chloroisopropyl) ether	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
bis(2-Ethylhexyl) phthalate	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]
p-Chloroaniline	ND	(0.43) [0.0433346]	ND	(0.45) [0.045289]	(12) [1.16298]	(12) [1.245516]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05		05		05		
	05-SB-02-03 8 - 10		05-SB-02-04 10 - 12		05-SB-03-01 5 - 7		05-SB-03-01 5 - 7		05-SB-03 05-SB-01 Dup of 05-SB-03-01 5 - 7		
	SW8240 - Volatile Organics (ug/kg)	5200	28000	2100	11000	43	22 B	27	29	(26)	(13)
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	ND	ND	ND	ND	ND	ND	ND	ND	(6.6)	[1.314060]
Diesel Range Organics (2)	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Gasoline Range Organics (2)	ND	(32000)	(5000)	[50100]	(4500)	[45400]	(4500)	[114.5475]	(6.7)	[1.349527]	[134]
SW8240 - Volatile Organics (ug/kg)	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,1,1-Trichloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,1,2,2-Tetrachloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,1,2-Trichloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,1-Dichloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,1-Dichloroethene	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,2-Dichloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
1,2-Dichloropropane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
2-Chloroethyl vinyl ether	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
2-Hexanone	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
4-Methyl-2-pentanone (MIBK)	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Acetone	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Benzene	31000	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Bromodichloromethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Bromomethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Carbon disulfide	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Carbon tetrachloride	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Chlorobenzene	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Chloroethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Chloroform	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Chloromethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Dibromochloromethane	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Ethyl benzene	35000	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Methyl ethyl ketone	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Methylene chloride	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]
Styrene	ND	(32000)	(630)	[3160]	(570)	[2850]	(570)	[114.5475]	(6.7)	[1.349527]	[135]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-SB-02 8 - 10	05-SB-02-03 05-SB-02-03 8 - 10	05-SB-02 05-SB-02-04 10 - 12	05-SB-03 05-SB-03-01 5 - 7	05-SB-03 05-SB-03-01 5 - 7	05-DS-01 Dup of 05-SB-03-01 5 - 7	05-SB-03 05-SB-03-01 5 - 7	05-SB-03 05-SB-03-01 5 - 7	05-SB-03 05-SB-03-01 5 - 7	05-SB-03 05-SB-03-01 5 - 7
Tetrachloroethene	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
Toluene	1400000	(63000) [12658.22]	68000	(2900) [572.7376]	73	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
Tribromomethane (Bromoform)	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
Trichloroethene	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
Vinyl acetate	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
Vinyl chloride	ND	(63000) [6329.113]	ND	(1100) [114.5475]	ND	(13) [1.349527]	ND	(13) [1.314060]	ND	(13) [1.314060]
Xylenes	1200000	(32000) [6329.113]	110000	(2900) [572.7376]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
cis-1,3-Dichloropropene	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
trans-1,2-Dichloroethene	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
trans-1,3-Dichloropropene	ND	(32000) [6329.113]	ND	(570) [114.5475]	ND	(6.7) [1.349527]	ND	(6.6) [1.314060]	ND	(6.6) [1.314060]
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
1,2-Dichlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
1,3-Dichlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
1,4-Dichlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,4,5-Trichloropheno	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,4,6-Trichloropheno	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,4-Dichloropheno	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,4-Dimethylpheno	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,4-Dinitrophenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]
2,4-Dinitrotoluene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2,6-Dinitrotoluene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2-Chloronaphthalene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2-Chloropheno	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2-Methylnaphthalene	66	(12) [1.194172]	20	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2-Methylphenol (o-cresol)	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
2-Nitroaniline	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]
2-Nitrophenol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
3,3'-Dichlorobenzidine	ND	(24) [1.194172]	ND	(22) [1.090928]	ND	(0.9) [0.044984]	ND	(0.88) [0.043802]	ND	(0.88) [0.043802]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	05 05-SB-02 05-SB-02-04 10 - 12	05 05-SB-03 05-SB-03-01 5 - 7	05 05-SB-03 05-SB-03-01 5 - 7	05 05-SB-03 05-SB-03-01 5 - 7
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
3-Nitroaniline	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]	
4,6-Dinitro-2-methylphenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]	
4-Bromophenyl phenyl ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
4-Chloro-3-methylphenol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
4-Chlorophenyl phenyl ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
4-Methylphenol (p-cresol)	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
4-Nitroaniline	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]	
4-Nitrophenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]	
Acenaphthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Acenaphthylene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzo(a)anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzo(a)pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzo(b)fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzo(g,h,i)perylene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzo(k)fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Benzoic acid	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]	
Benzyl alcohol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Butylbenzylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Chrysene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Di-n-octylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Dibenz(a,h)anthracene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Dibenzofuran	1.7 J	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Dibutylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Diethylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Dimethylphthalate	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Fluoranthene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Fluorene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	
Hexachlorobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.043802]	ND	(0.44) [0.043802]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05			05			05			
	05-SB-02-03			05-SB-02			05-SB-03			
	8 - 10	10 - 12	5 - 7	10 - 12	5 - 7	5 - 7	05-DS-01 Dup of 05-SB-03-01	5 - 7	5 - 7	
SITE ID										
LOCATION ID										
SAMPLE ID										
BEG. DEPTH - END DEPTH (FT.)										
Hexachlorobutadiene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Hexachlorocyclopentadiene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Hexachloroethane	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Indeno(1,2,3-cd)pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Isophorone	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
N-Nitrosodiphenylamine	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
N-Nitrosodipropylamine	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Naphthalene	29	(12) [1.194172]	6.2 J	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Nitrobenzene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Pentachlorophenol	ND	(60) [1.194172]	ND	(55) [1.090928]	ND	(2.2) [0.044984]	ND	(2.2) [0.043802]	ND	(2.2) [0.043802]
Phenanthrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Phenol	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
Pyrene	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
bis(2-Chloroethoxy)methane	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
bis(2-Chloroethyl)ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
bis(2-Chloroisopropyl)ether	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
bis(2-Ethylhexyl)phthalate	3.9 J	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]
p-Chloroaniline	ND	(12) [1.194172]	ND	(11) [1.090928]	ND	(0.45) [0.044984]	ND	(0.44) [0.043802]	ND	(0.44) [0.043802]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SB-03	05-SB-01	05-SB-01	05-SB-01	05-DS-04	05-SD-01	05-SD-01	05-SD-02	05-SD-02-01	05-SD-02-01
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	21 B	11 B	(21)	(11)	17 B	(22)	(11)	49	(29)	[143]
	17 B	11 B	(10)	(11)	15 B	(14)	(11)	15 B	(14)	[140]
	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Diesel Range Organics (2)	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Gasoline Range Organics (2)	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
SW8240 - Volatile Organics (ug/kg)	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,1,1-Trichloroethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,1,2,2-Tetrachloroethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,1,2-Trichloroethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,1-Dichloroethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,1-Dichloroethene	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,2-Dichloroethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
1,2-Dichloropropane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
2-Chloroethyl vinyl ether	ND	ND	(10)	(11)	ND	(11)	(11)	ND	(14)	[1.424501]
2-Hexanone	ND	ND	(52)	(55)	ND	(55)	(55)	ND	(71)	[1.424501]
4-Methyl-2-pentanone(MIBK)	ND	ND	(52)	(55)	ND	(55)	(55)	ND	(71)	[1.424501]
Acetone	65 JB	ND	(100)	(110)	ND	(110)	(110)	ND	(140)	[1.424501]
Benzene	410	ND	(100)	(100)	ND	(100)	(100)	ND	(7.1)	[1.424501]
Bromodichloromethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Bromomethane	ND	ND	(10)	(11)	ND	(11)	(11)	ND	(14)	[1.424501]
Carbon disulfide	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Carbon tetrachloride	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Chlorobenzene	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Chloroethane	ND	ND	(10)	(11)	ND	(11)	(11)	ND	(14)	[1.424501]
Chloroform	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Chloromethane	ND	ND	(10)	(11)	ND	(11)	(11)	ND	(14)	[1.424501]
Dibromochloromethane	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Ethyl benzene	16	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Methyl ethyl ketone	10 JB	ND	(100)	(110)	ND	(110)	(110)	ND	(140)	[1.424501]
Methylene chloride	6.2 B	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]
Styrene	ND	ND	(5.2)	(5.5)	ND	(5.5)	(5.5)	ND	(7.1)	[1.424501]

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	05		05		
	LOCATION ID	05-SD-01	LOCATION ID	05-SD-01	
SAMPLE ID	05-SD-01-01	SAMPLE ID	05-SD-01-01	05-SD-02	
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Tetrachloroethene	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
Toluene	700	(100) [20.83333]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
Tribromomethane(Bromoform)	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
Trichloroethene	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
Vinyl acetate	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
Vinyl chloride	ND	(10) [1.041666]	(11) [1.094810]	(11) [1.093015]	(14) [1.424501]
Xylenes	25	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
cis-1,3-Dichloropropene	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
trans-1,2-Dichloroethene	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
trans-1,3-Dichloropropene	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.2) [1.041666]	(5.5) [1.094810]	(5.5) [1.093015]	(7.1) [1.424501]
1,2,4-Trichlorobenzene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
1,2-Dichlorobenzene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
1,3-Dichlorobenzene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
1,4-Dichlorobenzene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,4,5-Trichloropheno1	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,4,6-Trichloropheno1	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,4-Dichloropheno1	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,4-Dimethylpheno1	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,4-Dinitrophenol	ND	(1.7) [0.034722]	(1.8) [0.036372]	(1.8) [0.036385]	(2.1) [0.041099]
2,4-Dinitrotoluene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2,6-Dinitrotoluene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2-Chloronaphthalene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2-Chloropheno1	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2-Methylnaphthalene	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2-Methylpheno1(o-cresol)	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
2-Nitroaniline	ND	(1.7) [0.034722]	(1.8) [0.036372]	(1.8) [0.036385]	(2.1) [0.041099]
2-Nitrophenol	ND	(0.35) [0.034722]	(0.36) [0.036372]	(0.36) [0.036385]	(0.41) [0.041099]
3,3'-Dichlorobenzidine	ND	(0.69) [0.034722]	(0.73) [0.036372]	(0.73) [0.036385]	(0.82) [0.041099]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID			
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)		
	05	05	05	05		
	05-SB-03	05-SD-01	05-SD-01	05-SD-02		
	05-SB-03-02	05-SD-01-01	05-SD-01-01	05-SD-02-01		
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5		
3-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
4-Bromophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
4-Chloro-3-methylphenol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
4-Methylphenol (p-cresol)	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
4-Nitroaniline	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
4-Nitrophenol	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
Acenaphthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Acenaphthylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzo(a)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzo(a)pyrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzo(b)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzo(g,h,i)perylene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzo(k)fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Benzoic acid	ND	(1.7) [0.034722]	ND	(1.8) [0.036372]	ND	(2.1) [0.041099]
Benzyl alcohol	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Butylbenzylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Chrysene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Di-n-octylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Dibenz(a,h)anthracene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Dibenzofuran	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Diethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Diethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Dimethylphthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Fluoranthene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Fluorene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Hexachlorobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)			
	05 05-SB-03 05-SB-03-02 7 - 9	05 05-SD-01 05-SD-01-01 0 - 0.5	05 05-SD-04 Dup of 05-SD-01-01 0 - 0.5	05 05-SD-02 05-SD-02-01 0 - 0.5		
Hexachlorobutadiene	ND	(0.36) [0.036372]	ND	(0.36) [0.036385]	ND	(0.41) [0.041099]
Hexachlorocyclopentadiene	ND	(0.36) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Hexachloroethane	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Indeno(1,2,3-cd)pyrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Isophorone	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
N-Nitrosodiphenylamine	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
N-Nitrosodipropylamine	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Naphthalene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Nitrobenzene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pentachloropheno]	ND	(1.7) [0.034722]	ND	(1.8) [0.036385]	ND	(2.1) [0.041099]
Phenanthrene	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pheno]	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
Pyrene	ND	(0.35) [0.034722]	0.014 J	(0.36) [0.036372]	0.013 J	(0.41) [0.041099]
bis(2-Chloroethoxy)methane	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Chloroethyl) ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Chloroisopropyl) ether	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
bis(2-Ethylhexyl)phthalate	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]
p-Chloroaniline	ND	(0.35) [0.034722]	ND	(0.36) [0.036372]	ND	(0.41) [0.041099]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		05		05		05		05			
	LOCATION ID	SAMPLE ID	05-SS-01	05-SS-02	05-SS-03	05-SS-04	05-SS-01	05-SS-02	05-SS-03	05-SS-04		
	BEG. DEPTH -	END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	35	(23)	[117]	29	(25)	[123]	32	(26)	[131]	ND	[144]	
Diesel Range Organics (2)	13	(11)	[112]	ND	(12)	[121]	ND	(13)	[131]	ND	[143]	
Gasoline Range Organics (2)	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
SW8240 - Volatile Organics (ug/kg)	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,1,1-Trichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,1,2,2-Tetrachloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,1,2-Trichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,1-Dichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,1-Dichloroethene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,2-Dichloroethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
1,2-Dichloropropane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND	(14)	[1.447178]
2-Chloroethyl vinyl ether	ND	(58)	[1.169590]	ND	(61)	[1.226993]	ND	(66)	[1.317523]	ND	(72)	[1.447178]
2-Hexanone	ND	(58)	[1.169590]	ND	(61)	[1.226993]	ND	(66)	[1.317523]	ND	(72)	[1.447178]
4-Methyl-2-pentanone (MIBK)	ND	(120)	[1.169590]	ND	(120)	[1.226993]	ND	(130)	[1.317523]	ND	(140)	[1.447178]
Acetone	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Benzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Bromodichloromethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Bromomethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND	(14)	[1.447178]
Carbon disulfide	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Carbon tetrachloride	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Chlorobenzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Chloroethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND	(14)	[1.447178]
Chloroform	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Chloromethane	ND	(12)	[1.169590]	ND	(12)	[1.226993]	ND	(13)	[1.317523]	ND	(14)	[1.447178]
Dibromochloromethane	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Ethyl benzene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Methyl ethyl ketone	ND	(120)	[1.169590]	ND	(120)	[1.226993]	ND	(130)	[1.317523]	ND	(140)	[1.447178]
Methylene chloride	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]
Styrene	ND	(5.8)	[1.169590]	ND	(6.1)	[1.226993]	ND	(6.6)	[1.317523]	ND	(7.2)	[1.447178]

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)				
	05	05	05	05				
	05-SS-01	05-SS-02	05-SS-03	05-SS-04				
	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01				
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				
Tetrachloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Toluene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Tribromomethane(Bromoform)	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Trichloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Vinyl acetate	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
Vinyl chloride	ND	(12) [1.169590]	ND	(12) [1.226993]	ND	(13) [1.317523]	ND	(14) [1.447178]
Xylenes	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
cis-1,3-Dichloropropene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
trans-1,2-Dichloroethene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
trans-1,3-Dichloropropene	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.8) [1.169590]	ND	(6.1) [1.226993]	ND	(6.6) [1.317523]	ND	(7.2) [1.447178]
1,2,4-Trichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,2-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,3-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
1,4-Dichlorobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4,5-Trichloropheno	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4,6-Trichloropheno	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dichloropheno	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dimethylpheno	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,4-Dinitrophenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
2,4-Dinitrotoluene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2,6-Dinitrotoluene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Chloronaphthalene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Chloropheno	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Methylnaphthalene	0.035 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.028 J	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Methylpheno (o-cresol)	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
2-Nitroaniline	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]	ND	(2.4) [0.048239]
2-Nitrophenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]	ND	(0.48) [0.048239]
3,3'-Dichlorobenzidine	ND	(0.78) [0.038986]	ND	(0.82) [0.040899]	ND	(0.86) [0.043917]	ND	(0.96) [0.048239]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	05	05	05	05
	05-SS-01	05-SS-02	05-SS-03	05-SS-04
	05-SS-01-01	05-SS-02-01	05-SS-03-01	05-SS-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
3-Nitroaniline	ND	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
4,6-Dinitro-2-methylphenol	ND	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
4-Bromophenyl phenyl ether	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
4-Chloro-3-methylphenol	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
4-Chlorophenyl phenyl ether	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
4-Methylphenol (p-cresol)	ND	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
4-Nitroaniline	ND	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
4-Nitrophenol	ND	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
Acenaphthene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Acenaphthylene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Anthracene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzo(a)anthracene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzo(a)pyrene	0.078 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzo(b)fluoranthene	0.053 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzo(g,h,i)perylene	0.051 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzo(k)fluoranthene	0.06 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Benzoic acid	0.059 J	(1.9) [0.038986]	(2) [0.040899]	(2.4) [0.048239]
Benzyl alcohol	0.24 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Butylbenzylphthalate	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Chrysene	0.027 J	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Di-n-octylphthalate	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Dibenz(a,h)anthracene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Dibenzofuran	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Dibutylphthalate	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Diethylphthalate	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Dimethylphthalate	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Fluoranthene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Fluorene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]
Hexachlorobenzene	ND	(0.39) [0.038986]	(0.41) [0.040899]	(0.48) [0.048239]

Compiled: 23 May 1995
 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05	
	05-SS-01		05-SS-02		05-SS-03	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Hexachlorocyclopentadiene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Hexachloroethane	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Indeno(1,2,3-cd)pyrene	0.015 JB	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Isophorone	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
N-Nitrosodiphenylamine	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
N-Nitrosodipropylamine	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Naphthalene	0.029 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.015 J	(0.44) [0.043917]
Nitrobenzene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Pentachlorophenol	ND	(1.9) [0.038986]	ND	(2) [0.040899]	ND	(2.2) [0.043917]
Phenanthrene	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.012 J	(0.44) [0.043917]
Phenol	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
Pyrene	0.017 J	(0.39) [0.038986]	ND	(0.41) [0.040899]	0.012 J	(0.44) [0.043917]
bis(2-Chloroethoxy)methane	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
bis(2-Chloroethyl) ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
bis(2-Chloroisopropyl) ether	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]
bis(2-Ethylhexyl) phthalate	0.02 JB	(0.39) [0.038986]	0.15 J	(0.41) [0.040899]	ND	(0.44) [0.043917]
p-Chloroaniline	ND	(0.39) [0.038986]	ND	(0.41) [0.040899]	ND	(0.44) [0.043917]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05		05					
	05-SS-05		05-SS-06		05-SS-07		05-SS-08					
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				
SW8015WEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	(24)	[120]	ND	(22)	[112]	480	(110)	[532]	ND	(20)	[102]
Diesel Range Organics (2)	15 B	(12)	[120]	ND	(11)	[112]	22 B	(11)	[108]	ND	(12)	[121]
Gasoline Range Organics (2)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
SW8240 - Volatile Organics (ug/kg)	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,1,1-Trichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,1,2,2-Tetrachloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,1,2-Trichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,1-Dichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,1-Dichloroethene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,2-Dichloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
1,2-Dichloropropane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
2-Chloroethyl vinyl ether	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]
2-Hexanone	ND	(61)	[1.213592]	ND	(56)	[1.123595]	ND	(2700)	[53.75766]	ND	(51)	[1.019991]
4-Methyl-2-pentanone (MIBK)	ND	(61)	[1.213592]	ND	(56)	[1.123595]	ND	(2700)	[53.75766]	ND	(51)	[1.019991]
Acetone	ND	(120)	[1.213592]	ND	(110)	[1.123595]	ND	(5400)	[53.75766]	ND	(100)	[1.019991]
Benzene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Bromodichloromethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Bromomethane	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]
Carbon disulfide	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Carbon tetrachloride	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Chlorobenzene	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]
Chloroethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Chloroform	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]
Chloromethane	ND	(12)	[1.213592]	ND	(11)	[1.123595]	ND	(540)	[53.75766]	ND	(10)	[1.019991]
Dibromochloromethane	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Ethyl benzene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Methyl ethyl ketone	ND	(120)	[1.213592]	ND	(110)	[1.123595]	ND	(5400)	[53.75766]	ND	(100)	[1.019991]
Methylene chloride	2.1 JB	(6.1)	[1.213592]	5.1 JB	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]
Styrene	ND	(6.1)	[1.213592]	ND	(5.6)	[1.123595]	ND	(270)	[53.75766]	ND	(5.1)	[1.019991]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	05							
	LOCATION ID		SAMPLE ID			05-SS-05		05-SS-06		05-SS-07		05-SS-08	
	05-SS-05-01	0 - 0.5	05-SS-06-01	0 - 0.5		05-SS-07-01	0 - 0.5	05-SS-08-01	0 - 0.5				
Tetrachloroethene	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
Toluene	ND	(6.1) [1.213592]	0.18 JB	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
Tribromomethane (Bromoform)	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
Trichloroethene	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
Vinyl acetate	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
Vinyl chloride	ND	(12) [1.213592]	ND	(11) [1.123595]	ND	(540) [53.75766]	ND	(10) [1.019991]					
Xylenes	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
cis-1,3-Dichloropropene	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
trans-1,2-Dichloroethene	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
trans-1,3-Dichloropropene	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
SW8270 - Semivolatiles Organics (mg/kg)	ND	(6.1) [1.213592]	ND	(5.6) [1.123595]	ND	(270) [53.75766]	ND	(5.1) [1.019991]					
1,2,4-Trichlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
1,2-Dichlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
1,3-Dichlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
1,4-Dichlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,4,5-Trichlorophenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,4,6-Trichlorophenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,4-Dichlorophenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,4-Dimethylphenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,4-Dinitrophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]					
2,4-Dinitrotoluene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2,6-Dinitrotoluene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2-Chloronaphthalene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2-Chlorophenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2-Methylnaphthalene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2-Methylphenol (o-cresol)	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
2-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]					
2-Nitrophenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]					
3,3'-Dichlorobenzidine	ND	(0.81) [0.040318]	ND	(0.75) [0.037453]	ND	(2.1) [0.107086]	ND	(0.68) [0.033954]					

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable
 Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05		05	
	05-SS-05		05-SS-06		05-SS-07		05-SS-08	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	SITE ID							
	LOCATION ID							
	SAMPLE ID							
	BEG. DEPTH - END DEPTH (FT.)							
3-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4,6-Dinitro-2-methylphenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Bromophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chloro-3-methylphenol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Chlorophenyl phenyl ether	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Methylphenol (p-cresol)	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
4-Nitroaniline	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
4-Nitrophenol	ND	(2) [0.040318]	ND	(1.9) [0.037453]	ND	(5.4) [0.107086]	ND	(1.7) [0.033954]
Acenaphthene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Acenaphthylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(a)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzo(a)pyrene	ND	(0.4) [0.040318]	0.0044 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.024 J	(0.34) [0.033954]
Benzo(b)fluoranthene	ND	(0.4) [0.040318]	0.0065 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.019 J	(0.34) [0.033954]
Benzo(g,h,i)perylene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.022 J	(0.34) [0.033954]
Benzo(k)fluoranthene	ND	(0.4) [0.040318]	0.0056 J	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Benzoic acid	ND	(2) [0.040318]	0.043 J	(1.9) [0.037453]	ND	(5.4) [0.107086]	0.024 J	(1.7) [0.033954]
Benzy] alcohol	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Butylbenzylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Chrysene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Di-n-octylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Dibenz(a,h)anthracene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibenzofuran	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dibutylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Diethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Dimethylphthalate	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Fluoranthene	0.023 J	(0.4) [0.040318]	ND	(0.37) [0.037453]	0.028 J	(1.1) [0.107086]	0.031 J	(0.34) [0.033954]
Fluorene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]
Hexachlorobenzene	ND	(0.4) [0.040318]	ND	(0.37) [0.037453]	ND	(1.1) [0.107086]	ND	(0.34) [0.033954]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SS-05-01	05-SS-06-01	05-SS-07-01	05-SS-08-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	ND	ND	ND
Hexachlorocyclopentadiene	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Hexachloroethane	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Indeno(1,2,3-cd)pyrene	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Isophorone	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
N-Nitrosodiphenylamine	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
N-Nitrosodipropylamine	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Naphthalene	(0.4) [0.040318]	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Nitrobenzene	(2) [0.040318]	(1.9) [0.037453]	(5.4) [0.107086]	(1.7) [0.033954]
Pentachloropheno	0.015 J	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
Phenanthrene	ND	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Phenol	ND	(0.37) [0.037453]	(1.1) [0.107086]	(0.34) [0.033954]
Pyrene	0.023 J	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
bis(2-Chloroethoxy)methane	ND	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
bis(2-Chloroethyl) ether	ND	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
bis(2-Chloroisopropyl) ether	ND	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
bis(2-Ethylhexyl)phthalate	ND	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]
p-Chloroaniline	ND	(0.4) [0.040318]	(1.1) [0.107086]	(0.34) [0.033954]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	05		05		3700	87	[2840]	[113]	13 B	[102]	[103]
	LOCATION ID	SAMPLE ID		05-SS-11	05-SS-12	05-SS-11-01	05-SS-12-01							
	05-SS-09	05-SS-10		0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5							
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	4400	(24)	[118]	40	(22)	[110]	3700	87	[2840]	[113]	13 B	[102]	[103]	
Diesel Range Organics (2)	44000	(4700)	[47300]	14 B	(11)	[111]	18 B	13 B	(570)	(11)		(20)	(10)	
Gasoline Range Organics (2)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
SW8240 - Volatile Organics (ug/kg)	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,1,1-Trichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,1,2,2-Tetrachloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,1,2-Trichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,1-Dichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,1-Dichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,2-Dichloroethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
1,2-Dichloropropane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
2-Chloroethyl vinyl ether	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	ND	(230)	[22.77904]		(10)	[1.026694]	
2-Hexanone	ND	(300000)	[5910.165]	ND	(56)	[1.116071]	ND	ND	(1100)	[22.77904]		(51)	[1.026694]	
4-Methyl-2-pentanone (MIBK)	ND	(300000)	[5910.165]	ND	(56)	[1.116071]	ND	ND	(1100)	[22.77904]		(51)	[1.026694]	
Acetone	ND	(590000)	[5910.165]	ND	(110)	[1.116071]	ND	ND	(2300)	[22.77904]		(100)	[1.026694]	
Benzene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	11 J	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Bromodichloromethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Bromomethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	ND	(230)	[22.77904]		(10)	[1.026694]	
Carbon disulfide	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Carbon tetrachloride	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Chlorobenzene	15000 J	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Chloroethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	ND	(230)	[22.77904]		(10)	[1.026694]	
Chloroform	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Chloromethane	ND	(59000)	[5910.165]	ND	(11)	[1.116071]	ND	ND	(230)	[22.77904]		(10)	[1.026694]	
Dibromochloromethane	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Ethyl benzene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Methyl ethyl ketone	ND	(590000)	[5910.165]	ND	(110)	[1.116071]	430 J	ND	(2300)	[22.77904]		(100)	[1.026694]	
Methylene chloride	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	44 J	ND	(110)	[22.77904]		(5.1)	[1.026694]	
Styrene	ND	(30000)	[5910.165]	ND	(5.6)	[1.116071]	ND	ND	(110)	[22.77904]		(5.1)	[1.026694]	

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	
	05		05			
	LOCATION ID	05-SS-09	LOCATION ID	05-SS-11		
		05-SS-09-01	05-SS-10-01	05-SS-11-01	05-SS-12-01	
		0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
Tetrachloroethene	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
Toluene	7400 J	(30000) [5910.165]	ND	(5.6) [1.116071]	30 J	(5.1) [1.026694]
Tribromomethane(Bromoform)	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
Trichloroethene	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
Vinyl acetate	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
Vinyl chloride	ND	(59000) [5910.165]	ND	(11) [1.116071]	ND	(5.1) [1.026694]
Xylenes	1200000	(30000) [5910.165]	ND	(5.6) [1.116071]	42 J	(10) [1.026694]
cis-1,3-Dichloropropene	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
trans-1,2-Dichloroethene	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
trans-1,3-Dichloropropene	ND	(30000) [5910.165]	ND	(5.6) [1.116071]	ND	(5.1) [1.026694]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
1,2-Dichlorobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
1,3-Dichlorobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
1,4-Dichlorobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2,4,5-Trichloropheno1	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2,4,6-Trichloropheno1	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2,4-Dichloropheno1	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2,4-Dimethylpheno1	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2,4-Dinitrophenol	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(1.7) [0.034174]
2,4-Dinitrotoluene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2-Chloronaphthalene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2-Chloropheno1	87	(23) [2.345303]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2-Methylnaphthalene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2-Methylpheno1(o-cresol)	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(1.7) [0.034174]
2-Nitroaniline	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
2-Nitrophenol	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(0.34) [0.034174]
3,3'-Dichlorobenzidine	ND	(2.3) [0.117265]	ND	(0.74) [0.037140]	ND	(0.68) [0.034174]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	05		05		05	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
	05-SS-09	0 - 0.5	05-SS-10	0 - 0.5	05-SS-11	0 - 0.5
	05-SS-09-01	0 - 0.5	05-SS-10-01	0 - 0.5	05-SS-11-01	0 - 0.5
3-Nitroaniline	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(5.7) [0.113441]
4,6-Dinitro-2-methylphenol	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(5.7) [0.113441]
4-Bromophenyl phenyl ether	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
4-Chloro-3-methylphenol	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
4-Chlorophenyl phenyl ether	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
4-Methylphenol(p-cresol)	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
4-Nitroaniline	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(5.7) [0.113441]
4-Nitrophenol	ND	(5.9) [0.117265]	ND	(1.9) [0.037140]	ND	(5.7) [0.113441]
Acenaphthene	0.94 J	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Acenaphthylene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Anthracene	0.83 J	(1.2) [0.117265]	0.017 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzo(a)anthracene	0.37 J	(1.2) [0.117265]	0.082 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzo(a)pyrene	0.1 J	(1.2) [0.117265]	0.097 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzo(b)fluoranthene	0.18 JF	(1.2) [0.117265]	0.11 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzo(g,h,i)perylene	0.15 J	(1.2) [0.117265]	0.056 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzo(k)fluoranthene	0.18 JF	(1.2) [0.117265]	0.1 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Benzoic acid	ND	(5.9) [0.117265]	0.084 J	(1.9) [0.037140]	0.26 J	(5.7) [0.113441]
Benzyl alcohol	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Butylbenzylphthalate	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Chrysene	0.24 J	(1.2) [0.117265]	0.14 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Di-n-octylphthalate	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Dibenz(a,h)anthracene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Dibenzofuran	0.14 J	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Dibutylphthalate	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Diethylphthalate	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Dimethylphthalate	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Fluoranthene	0.74 J	(1.2) [0.117265]	0.12 J	(0.37) [0.037140]	ND	(1.1) [0.113441]
Fluorene	1.4	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]
Hexachlorobenzene	ND	(1.2) [0.117265]	ND	(0.37) [0.037140]	ND	(1.1) [0.113441]

Compiled: 23 May 1995

() = Detection Limit [] = Factor

ND = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	05	05	05	05
	05-SS-09	05-SS-10	05-SS-11	05-SS-12
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	05-SS-09-01	05-SS-10-01	05-SS-11-01	05-SS-12-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Hexachlorocyclopentadiene	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Hexachloroethane	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Indeno(1,2,3-cd)pyrene	0.048 JB	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Isophorone	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
N-Nitrosodiphenylamine	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
N-Nitrosodipropylamine	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Naphthalene	140	(23) [2.345303]	(1.1) [0.113441]	(0.34) [0.034174]
Nitrobenzene	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Pentachlorophenol	ND	(5.9) [0.117265]	(5.7) [0.113441]	(1.7) [0.034174]
Phenanthrene	2.3	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Phenol	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
Pyrene	0.65 J	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
bis(2-Chloroethoxy)methane	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
bis(2-Chloroethyl)ether	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
bis(2-Chloroisopropyl)ether	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
bis(2-Ethylhexyl)phthalate	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]
p-Chloroaniline	ND	(1.2) [0.117265]	(1.1) [0.113441]	(0.34) [0.034174]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	05		05		05		05	
	05-SS-13		05-SS-13		05-SS-14		05-SS-15	
	05-SS-13-01	05-SS-13-01	Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01	05-SS-15-01	05-SS-15-01	05-SS-15-01
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SITE ID	23 B	12 B	30	27	540	18 B	540	18 B
LOCATION ID	23 B	12 B	30	27	540	18 B	540	18 B
SAMPLE ID	05-SS-13	05-SS-13	05-SS-13	05-SS-14	05-SS-15	05-SS-15	05-SS-15	05-SS-15
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)								
Diesel Range Organics (2)	ND	ND	ND	ND	ND	ND	ND	ND
Gasoline Range Organics (2)	ND	ND	ND	ND	ND	ND	ND	ND
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl benzene	ND	ND	ND	ND	ND	ND	ND	ND
Methyl ethyl ketone	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ND	ND	ND	ND	ND	ND	ND	ND

PARAMETER	SITE ID			
	05	05	05	05
	05-SS-13 05-SS-13-01 0 - 0.5	05-SS-13 05-SS-13-01 0 - 0.5	05-SS-14 05-SS-14-01 0 - 0.5	05-SS-15 05-SS-15-01 0 - 0.5
Tetrachloroethene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
Toluene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
Tribromomethane (Bromoform)	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
Trichloroethene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
Vinyl acetate	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
Vinyl chloride	ND	(10) [1.018329]	(10) [1.016260]	(10) [1.012145]
Xylenes	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
cis-1,3-Dichloropropene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
trans-1,2-Dichloroethene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
trans-1,3-Dichloropropene	ND	(5.1) [1.018329]	(5.1) [1.016260]	(5.1) [1.012145]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
1,2-Dichlorobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
1,3-Dichlorobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
1,4-Dichlorobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2,4,5-Trichloropheno	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2,4,6-Trichloropheno	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2,4-Dimethylpheno	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2,4-Dinitrophenol	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]
2,4-Dinitrotoluene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2,6-Dinitrotoluene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2-Chloronaphthalene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2-Chloropheno	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2-Methylnaphthalene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2-Methylphenol (o-cresol)	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]
2-Nitroaniline	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
2-Nitrophenol	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]
3,3'-Dichlorobenzidine	ND	(0.68) [0.033921]	(0.67) [0.03373]	(0.67) [0.033664]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (PPM)	REMARKS	ANALYST
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID				
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID				
	05-SS-13	05-SS-13	05-SS-14	05-SS-15	0 - 0.5		05	
	05-SS-13-01	05-SS-13-01	05-SS-14-01	05-SS-15-01	0 - 0.5		05	
	05-DS-03 Dup of 05-SS-13-01	05-SS-13-01	05-SS-14-01	05-SS-15-01	0 - 0.5		05	
3-Nitroaniline	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]	(1.7) [0.033664]	ND	(5) [0.100004]	
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]	(1.7) [0.033664]	ND	(5) [0.100004]	
4-Bromophenyl phenyl ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
4-Chloro-3-methylphenol	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
4-Chlorophenyl phenyl ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
4-Methylphenol (p-cresol)	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
4-Nitroaniline	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]	(1.7) [0.033664]	ND	(5) [0.100004]	
4-Nitrophenol	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]	(1.7) [0.033664]	ND	(5) [0.100004]	
Acenaphthene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Acenaphthylene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Anthracene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzo(a)anthracene	0.015 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzo(a)pyrene	0.02 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzo(b)fluoranthene	0.026 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzo(g,h,i)perylene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzo(k)fluoranthene	0.021 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Benzoic acid	ND	(1.7) [0.033921]	(1.7) [0.03373]	(1.7) [0.033664]	(1.7) [0.033664]	ND	(5) [0.100004]	
Benzyl alcohol	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Butylbenzylphthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Chrysene	0.027 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Di-n-octylphthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Dibenz(a,h)anthracene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Dibenzofuran	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Dibutylphthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Diethylphthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Dimethylphthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Fluoranthene	0.029 J	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Fluorene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	
Hexachlorobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(0.34) [0.033664]	(0.34) [0.033664]	ND	(1) [0.100004]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05
	05-SS-13	05-SS-13	05-SS-14	05-SS-15
	05-SS-13-01	05-SS-13 Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachlorobutadiene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Hexachlorocyclopentadiene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Hexachloroethane	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Indeno(1,2,3-cd)pyrene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Isophorone	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
N-Nitrosodiphenylamine	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
N-Nitrosodipropylamine	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Naphthalene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Nitrobenzene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Pentachloropheno1	ND	(1.7) [0.033921]	(1.7) [0.03373]	(5) [0.100004]
Phenanthrene	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Pheno1	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
Pyrene	0.028 J	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroethoxy)methane	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroethyl) ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Chloroisopropyl) ether	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
bis(2-Ethylhexyl) phthalate	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
p-Chloroaniline	ND	(0.34) [0.033921]	(0.34) [0.03373]	(1) [0.100004]
			0.097 JB	0.3 J
			ND	ND

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	06 06-MW-01 06-MW-02-02 3 - 5 8 - 10	06 06-MW-02 06-MW-02-02 3 - 5	06 06-MW-03 06-MW-03-02 4 - 7	06 06-MW-03 06-DS-01 Dup of 06-MW-03-02 4 - 7
	LOCATION ID	SAMPLE ID	06	06					
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)									
Diesel Range Organics (2)	ND	(24)	[118]	43	(25)	[125]	33	(25) [123.5]	
Gasoline Range Organics (2)	ND	(12)	[114]	48	(12)	[124]	ND	(12) [120.2]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)									
4,4'-DDD	1.8	(0.4)	[5953.798]	7.3	(0.42)	[42.10526]	2.9	(0.42) [41.59733]	
4,4'-DDE	4.3	(0.4)	[5953.798]	2	(0.42)	[42.10526]	1.5	(0.42) [41.59733]	
4,4'-DDT	8.2	(0.8)	[5953.798]	26	(0.84)	[42.10526]	18	(0.83) [41.59733]	
Aldrin	0.05 PJB	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	0.79 B	(0.42) [41.59733]	
Chlordane	ND	(2)	[119.0759]	ND	(2.1)	[42.10526]	ND	(2.1) [41.59733]	
Dieldrin	ND	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	0.38 KJB	(0.42) [41.59733]	
Endosulfan I	ND	(0.4)	[119.0759]	0.2 JB	(0.42)	[42.10526]	0.11 KJB	(0.42) [41.59733]	
Endosulfan II	0.51 JB	(1.2)	[119.0759]	ND	(1.3)	[42.10526]	ND	(1.2) [41.59733]	
Endosulfan Sulfate	0.65 KJB	(2)	[119.0759]	1.8 PJB	(2.1)	[42.10526]	1.6 JB	(2.1) [41.59733]	
Endrin	0.082 KJB	(0.4)	[119.0759]	1 PB	(0.42)	[42.10526]	0.21 JB	(0.42) [41.59733]	
Endrin Aldehyde	0.76 KJ	(0.8)	[119.0759]	ND	(0.84)	[42.10526]	ND	(0.83) [41.59733]	
Heptachlor	ND	(0.4)	[119.0759]	0.23 KJB	(0.42)	[42.10526]	0.16 KJB	(0.42) [41.59733]	
Heptachlor epoxide	0.35 PJB	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42) [41.59733]	
Methoxychlor	ND	(2)	[119.0759]	ND	(2.1)	[42.10526]	ND	(2.1) [41.59733]	
PCB-1016	ND	(4)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2) [41.59733]	
PCB-1221	ND	(8)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3) [41.59733]	
PCB-1232	ND	(8)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3) [41.59733]	
PCB-1242	ND	(4)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2) [41.59733]	
PCB-1248	ND	(4)	[119.0759]	ND	(4.2)	[42.10526]	ND	(4.2) [41.59733]	
PCB-1254	ND	(8)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3) [41.59733]	
PCB-1260	ND	(8)	[119.0759]	ND	(8.4)	[42.10526]	ND	(8.3) [41.59733]	
Toxaphene	ND	(20)	[119.0759]	ND	(21)	[42.10526]	ND	(21) [41.59733]	
alpha-BHC	0.26 PJB	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42) [41.59733]	
beta-BHC	ND	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	1.7 B	(0.42) [41.59733]	
delta-BHC	ND	(0.4)	[119.0759]	ND	(0.42)	[42.10526]	ND	(0.42) [41.59733]	

Compiled: 23 Mar 1995
 () = Detection Limit [] = Factor [] = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID								
	06		06		06				
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)			
gamma-BHC	06-MW-01	0.65 PB	(0.4) [40.03202]	ND	(1.2) [119.0759]	ND	(0.42) [42.10526]	ND	(0.42) [41.59733]
SW8240 - Volatile Organics (ug/kg)	06-MW-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,1,1-Trichloroethane	06-MW-03	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,1,2,2-Tetrachloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,1,2-Trichloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,1-Dichloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,1-Dichloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,2-Dichloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
1,2-Dichloropropane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
2-Chloroethyl vinyl ether	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
2-Hexanone	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
4-Methyl-2-pentanone(MIBK)	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Acetone	06-MW-03-02	1.8 JB	[6.024096]	ND	(12) [1.191895]	ND	(250) [25.34854]	ND	(12) [12]
Benzene	06-MW-03-02	ND	[6.024096]	ND	(60) [1.191895]	ND	(1300) [25.34854]	ND	(62) [62]
Bromodichloromethane	06-MW-03-02	ND	[6.024096]	ND	(60) [1.191895]	ND	(1300) [25.34854]	ND	(62) [62]
Bromomethane	06-MW-03-02	ND	[6.024096]	ND	(120) [1.191895]	570 J	(2500) [25.34854]	2.8 JB	(120) [120]
Carbon disulfide	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Carbon tetrachloride	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Chlorobenzene	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Chloroethane	06-MW-03-02	ND	[6.024096]	ND	(12) [1.191895]	ND	(250) [25.34854]	ND	(12) [12]
Chloroform	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Chloromethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Dibromochloromethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Ethyl benzene	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Methyl ethyl ketone	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Methylene chloride	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Styrene	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Tetrachloroethane	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
Toluene	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
	06-MW-03-02	18 J	[6.024096]	9.4 B	(120) [1.191895]	ND	(2500) [25.34854]	0.99 JB	(120) [120]
	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]
	06-MW-03-02	ND	[6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [6.2]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	06 06-MW-01 06-MW-01-02 8 - 10	06 06-MW-02 06-MW-02-02 3 - 5	06 06-MW-03 06-MW-03-02 4 - 7	06 06-MW-03 06-MW-03-02 4 - 7	06 06-DS-01 Dup of 06-MW-03-02 4 - 7	06 06-MW-03		
Tribromomethane(Bromoform)	ND	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
Trichloroethene	1200	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
Vinyl acetate	ND	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
Vinyl chloride	ND	(60) [6.024096]	ND	(12) [1.191895]	ND	(250) [25.34854]	ND	(12) [1.25]
Xylenes	ND	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
cis-1,3-Dichloropropene	ND	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
trans-1,2-Dichloroethene	54 F	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
trans-1,3-Dichloropropene	ND	(30) [6.024096]	ND	(6) [1.191895]	ND	(130) [25.34854]	ND	(6.2) [1.25]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
1,2-Dichlorobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
1,3-Dichlorobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
1,4-Dichlorobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,4,5-Trichlorophenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,4,6-Trichlorophenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,4-Dichlorophenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,4-Dimethylphenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,4-Dinitrophenol	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
2,4-Dinitrotoluene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2,6-Dinitrotoluene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2-Chloronaphthalene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2-Chlorophenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2-Methylnaphthalene	ND	(0.4) [0.040093]	0.11 J	(1.2) [0.118951]	0.043 J	(0.42) [0.042177]	0.14 J	(0.42) [0.041583]
2-Methylphenol(o-cresol)	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
2-Nitroaniline	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
2-Nitrophenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
3,3'-Dichlorobenzidine	ND	(0.8) [0.040093]	ND	(2.4) [0.118951]	ND	(0.84) [0.042177]	ND	(0.83) [0.041583]
3-Nitroaniline	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
4,6-Dinitro-2-methylphenol	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)			
	06		06					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				
	06-MW-01	06-MW-02	06-MW-03	06-MW-03	06-DS-01 Dup of 06-MW-03-02			
	8 - 10	3 - 5	4 - 7	4 - 7	4 - 7			
4-Bromophenyl phenyl ether	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
4-Chloro-3-methylphenol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
4-Chlorophenyl phenyl ether	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
4-Methylphenol (p-cresol)	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
4-Nitroaniline	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
4-Nitrophenol	ND	(2) [0.040093]	ND	(5.9) [0.118951]	ND	(2.1) [0.042177]	ND	(2.1) [0.041583]
Acenaphthene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Acenaphthylene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Anthracene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Benzo(a)anthracene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.025 J	(0.42) [0.042177]	0.011 J	(0.42) [0.041583]
Benzo(a)pyrene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.026 J	(0.42) [0.042177]	0.0064 J	(0.42) [0.041583]
Benzo(b)fluoranthene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.025 JF	(0.42) [0.042177]	0.016 JF	(0.42) [0.041583]
Benzo(g,h,i)perylene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Benzo(k)fluoranthene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.025 JF	(0.42) [0.042177]	0.016 JF	(0.42) [0.041583]
Benzoic acid	ND	(2) [0.040093]	ND	(5.9) [0.118951]	0.05 J	(2.1) [0.042177]	ND	(2.1) [0.041583]
Benzyl alcohol	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Butylbenzylphthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Chrysene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.032 J	(0.42) [0.042177]	ND	(0.42) [0.041583]
Di-n-octylphthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Dibenz(a,h)anthracene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Dibenzofuran	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Dibutylphthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Diethylphthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Dimethylphthalate	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Fluoranthene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	0.045 J	(0.42) [0.042177]	0.012 J	(0.42) [0.041583]
Fluorene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Hexachlorobenzene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Hexachlorobutadiene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]
Hexachlorocyclopentadiene	ND	(0.4) [0.040093]	ND	(1.2) [0.118951]	ND	(0.42) [0.042177]	ND	(0.42) [0.041583]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	06 06-MW-01 06-MW-01-02 8 - 10	06 06-MW-02 06-MW-02-02 3 - 5	06 06-MW-03 06-MW-03-02 4 - 7	06 06-MW-03 06-MW-03-02 4 - 7
Hexachloroethane	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Isophorone	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
N-Nitrosodiphenylamine	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
N-Nitrosodipropylamine	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Naphthalene	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Nitrobenzene	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Pentachloropheno1	(2) [0.040093]	(5.9) [0.118951]	(2.1) [0.042177]	(2.1) [0.041583]
Phenanthrene	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Pheno1	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
Pyrene	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
bis(2-Chloroethoxy)methane	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
bis(2-Chloroethyl)ether	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
bis(2-Chloroisopropyl)ether	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
bis(2-Ethylhexyl)phthalate	(0.4) [0.040093]	(1.2) [0.118951]	(0.42) [0.042177]	(0.42) [0.041583]
p-Chloroaniline	ND	ND	ND	ND

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	06		06		06		06		06	
	06-MW-04		06-SB-01		06-SB-01		06-SB-01		06-SB-01	
	06-MW-04-02	4 - 6	06-SB-01-01	6.5 - 9	06-SB-01-01	6.5 - 9	06-SB-01-01	6.5 - 9	06-SB-01-01	6.5 - 9
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	06	06	06	06	06	06	06	06	06	06
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)										
Diesel Range Organics (2)	37	(26) [131.6]	5900	(1300) [6440]	1400	(280) [1390]	31	(27) [134]		
Gasoline Range Organics (2)	54	(13) [131]	ND	(13) [126]	ND	(13) [127]	ND	(13) [130]		
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
4,4'-DDD	ND	(0.44) [43.53504]	240	(13) [1300.390]	640	(13) [1262.626]	ND	(0.45) [44.66279]		
4,4'-DDE	ND	(0.44) [43.53504]	32	(13) [1300.390]	41	(13) [1262.626]	ND	(0.45) [44.66279]		
4,4'-DDT	ND	(0.87) [43.53504]	38	(26) [1300.390]	170	(25) [1262.626]	0.39 JB	(0.89) [44.66279]		
Aldrin	0.58 B	(0.44) [43.53504]	3.6 PJ	(13) [1300.390]	6.7 PJ	(13) [1262.626]	0.15 PJB	(0.45) [44.66279]		
Chlordane	ND	(2.2) [43.53504]	ND	(65) [1300.390]	ND	(63) [1262.626]	ND	(2.2) [44.66279]		
Dieldrin	0.4 KJB	(0.44) [43.53504]	12 KJ	(13) [1300.390]	10 KJ	(13) [1262.626]	ND	(0.45) [44.66279]		
Endosulfan I	0.088 KJB	(0.44) [43.53504]	10 KJ	(13) [1300.390]	ND	(13) [1262.626]	0.12 KJB	(0.45) [44.66279]		
Endosulfan II	ND	(1.3) [43.53504]	19 J	(39) [1300.390]	ND	(38) [1262.626]	0.53 JB	(1.3) [44.66279]		
Endosulfan Sulfate	1.5 JB	(2.2) [43.53504]	12 KJ	(65) [1300.390]	ND	(63) [1262.626]	0.57 KJB	(2.2) [44.66279]		
Endrin	2.4 B	(0.44) [43.53504]	ND	(13) [1300.390]	ND	(13) [1262.626]	ND	(0.45) [44.66279]		
Endrin Aldehyde	ND	(0.87) [43.53504]	12 KJ	(26) [1300.390]	17 KJ	(25) [1262.626]	0.18 KJB	(0.89) [44.66279]		
Heptachlor	0.1 KJB	(0.44) [43.53504]	9.9 KJ	(13) [1300.390]	ND	(13) [1262.626]	ND	(0.45) [44.66279]		
Heptachlor epoxide	ND	(0.44) [43.53504]	12 PJ	(13) [1300.390]	15 P	(13) [1262.626]	0.36 PJB	(0.45) [44.66279]		
Methoxychlor	ND	(2.2) [43.53504]	ND	(65) [1300.390]	ND	(63) [1262.626]	ND	(2.2) [44.66279]		
PCB-1016	ND	(4.4) [43.53504]	ND	(130) [1300.390]	ND	(130) [1262.626]	ND	(4.5) [44.66279]		
PCB-1221	ND	(8.7) [43.53504]	ND	(260) [1300.390]	ND	(250) [1262.626]	ND	(8.9) [44.66279]		
PCB-1232	ND	(8.7) [43.53504]	ND	(260) [1300.390]	ND	(250) [1262.626]	ND	(8.9) [44.66279]		
PCB-1242	ND	(4.4) [43.53504]	ND	(130) [1300.390]	ND	(130) [1262.626]	ND	(4.5) [44.66279]		
PCB-1248	ND	(4.4) [43.53504]	ND	(130) [1300.390]	ND	(130) [1262.626]	ND	(4.5) [44.66279]		
PCB-1254	ND	(8.7) [43.53504]	ND	(260) [1300.390]	ND	(250) [1262.626]	ND	(8.9) [44.66279]		
PCB-1260	ND	(8.7) [43.53504]	ND	(260) [1300.390]	ND	(250) [1262.626]	ND	(8.9) [44.66279]		
Toxaphene	ND	(22) [43.53504]	ND	(650) [1300.390]	ND	(630) [1262.626]	ND	(22) [44.66279]		
alpha-BHC	ND	(0.44) [43.53504]	11 KJ	(13) [1300.390]	ND	(13) [1262.626]	ND	(0.45) [44.66279]		
beta-BHC	1.1 P	(0.44) [43.53504]	18 P	(13) [1300.390]	370	(13) [1262.626]	2.5	(0.45) [44.66279]		
delta-BHC	ND	(0.44) [43.53504]	ND	(13) [1300.390]	ND	(13) [1262.626]	ND	(0.45) [44.66279]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	ND	50	(0.44) [43.53504]	(13) [1300.390]	ND	(13) [1262.626]	ND	(0.45) [44.66279]
	LOCATION ID	SAMPLE ID									
	06-MW-04	06-SB-01									
gamma-BHC	06	06									
SW8240 - Volatile Organics (ug/kg)	06-MW-04	06-SB-01									
1,1,1-Trichloroethane	06-MW-04-02	06-SB-01-01	4 - 6	ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,1,2,2-Tetrachloroethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,1,2-Trichloroethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,1-Dichloroethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,1-Dichloroethene				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,2-Dichloroethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
1,2-Dichloropropane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
2-Chloroethyl vinyl ether				ND	(260) [26.21231]	(6.7) [1.345895]	ND	(13) [1.300390]	(6.7) [1.345895]	ND	(13) [1.340482]
2-Hexanone				ND	(1300) [26.21231]	(6.7) [1.345895]	1.6 JB	(65) [1.300390]	(6.7) [1.345895]	ND	(67) [1.340482]
4-Methyl-2-pentanone(MIBK)				ND	(1300) [26.21231]	(6.7) [1.345895]	1.3 JB	(65) [1.300390]	(6.7) [1.345895]	ND	(67) [1.340482]
Acetone				ND	(2600) [26.21231]	(130) [1.345895]	9.5 JB	(130) [1.300390]	(130) [1.345895]	2.1 JB	(130) [1.340482]
Benzene				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Bromodichloromethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Bromomethane				ND	(260) [26.21231]	(13) [1.345895]	ND	(13) [1.300390]	(13) [1.345895]	ND	(13) [1.340482]
Carbon disulfide				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Carbon tetrachloride				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Chlorobenzene				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Chloroethane				ND	(260) [26.21231]	(13) [1.345895]	ND	(13) [1.300390]	(13) [1.345895]	ND	(13) [1.340482]
Chloroform				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Chloromethane				ND	(260) [26.21231]	(13) [1.345895]	ND	(13) [1.300390]	(13) [1.345895]	ND	(13) [1.340482]
Dibromochloromethane				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Ethyl benzene				ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Methyl ethyl ketone	410 J			ND	(2600) [26.21231]	(130) [1.345895]	3 JB	(130) [1.300390]	(130) [1.345895]	ND	(130) [1.340482]
Methylene chloride	ND			ND	(130) [26.21231]	(6.7) [1.345895]	1.6 JB	(6.5) [1.300390]	(6.7) [1.345895]	15	(6.7) [1.340482]
Styrene	ND			ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Tetrachloroethene	ND			ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]
Toluene	ND			ND	(130) [26.21231]	(6.7) [1.345895]	ND	(6.5) [1.300390]	(6.7) [1.345895]	ND	(6.7) [1.340482]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	06		06		06		06	
	06-MW-04		06-SB-01		06-SB-01		06-SB-01	
	06-MW-04-02	4 - 6	06-SB-01-01	6.5 - 9	06-SB-01-01	6.5 - 9	06-SB-01-02	10 - 12
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
	SITE ID		SITE ID		SITE ID		SITE ID	
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID	
Tribromomethane(Bromoform)	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Trichloroethene	ND	(130) [26.21231]	5.7 J	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl acetate	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
Vinyl chloride	ND	(260) [26.21231]	ND	(13) [1.345895]	ND	(13) [1.300390]	ND	(13) [1.340482]
Xylenes	ND	(130) [26.21231]	ND	(6.7) [1.345895]	2.7 J	(6.5) [1.300390]	ND	(6.7) [1.340482]
cis-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,2-Dichloroethene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
trans-1,3-Dichloropropene	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
SW8270 - Semivolatile Organics (mg/kg)	ND	(130) [26.21231]	ND	(6.7) [1.345895]	ND	(6.5) [1.300390]	ND	(6.7) [1.340482]
1,2,4-Trichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,2-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,3-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
1,4-Dichlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,5-Trichloropheno	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4,6-Trichloropheno	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dichloropheno	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dimethylpheno	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,4-Dinitrophenol	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2,4-Dinitrotoluene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2,6-Dinitrotoluene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chloronaphthalene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Chloropheno	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylnaphthalene	ND	(1.3) [0.131061]	15	(13) [1.300390]	20	(13) [1.287514]	ND	(0.45) [0.044682]
2-Methylpheno (o-cresol)	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
2-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
2-Nitrophenol	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]
3,3'-Dichlorobenzidine	ND	(2.6) [0.131061]	ND	(26) [1.300390]	ND	(26) [1.287514]	ND	(0.89) [0.044682]
3-Nitroaniline	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]
4,6-Dinitro-2-methylpheno	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
	06 06-MW-04	06 06-SB-01	06 06-DS-02	06 06-SB-01
	06-MW-04-02	06-SB-01-01	Dup of 06-SB-01-01	06-SB-01-02
	4 - 6	6.5 - 9	6.5 - 9	10 - 12
4-Bromophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.287514]
4-Chloro-3-methylphenol	ND	(1.3) [0.131061]	ND	(13) [1.287514]
4-Chlorophenyl phenyl ether	ND	(1.3) [0.131061]	ND	(13) [1.287514]
4-Methylphenol (p-cresol)	ND	(1.3) [0.131061]	ND	(13) [1.287514]
4-Nitroaniline	ND	(6.6) [0.131061]	ND	(64) [1.287514]
4-Nitrophenol	ND	(6.6) [0.131061]	ND	(64) [1.287514]
Acenaphthene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Acenaphthylene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Anthracene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzo(a)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzo(a)pyrene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzo(b)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzo(g,h,i)perylene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzo(k)fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Benzoic acid	ND	(6.6) [0.131061]	ND	(64) [1.287514]
Benzyl alcohol	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Butylbenzylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Chrysene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Di-n-octylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Dibenz(a,h)anthracene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Dibenzofuran	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Dibutylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Diethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Dimethylphthalate	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Fluoranthene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Fluorene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Hexachlorobenzene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Hexachlorobutadiene	ND	(1.3) [0.131061]	ND	(13) [1.287514]
Hexachlorocyclopentadiene	ND	(1.3) [0.131061]	ND	(13) [1.287514]

Compiled: 23 March, 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)	ND	Factor	Not Detected	NA	Not Applicable
	LOCATION ID	LOCATION ID	LOCATION ID						
	SAMPLE ID	SAMPLE ID	SAMPLE ID						
	06	06	06						
	06-MW-04	06-SB-01	06-SB-01	06-DS-02 Dup of 06-SB-01-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01	06-SB-01
	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12
Hexachloroethane	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Indeno(1,2,3-cd)pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Isophorone	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
N-Nitrosodiphenylamine	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
N-Nitrosodipropylamine	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Naphthalene	ND	(1.3) [0.131061]	3.2 J	(13) [1.300390]	4.6 J	(13) [1.287514]	ND	(0.45) [0.044682]	
Nitrobenzene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Pentachloropheno1	ND	(6.6) [0.131061]	ND	(65) [1.300390]	ND	(64) [1.287514]	ND	(2.2) [0.044682]	
Phenanthrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Pheno1	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
Pyrene	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
bis(2-Chloroethoxy)methane	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
bis(2-Chloroethyl) ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
bis(2-Chloroisopropyl) ether	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	
bis(2-Ethylhexyl) phthalate	ND	(1.3) [0.131061]	3.1 J	(13) [1.300390]	0.82 J	(13) [1.287514]	ND	(0.45) [0.044682]	
p-Chloroaniline	ND	(1.3) [0.131061]	ND	(13) [1.300390]	ND	(13) [1.287514]	ND	(0.45) [0.044682]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)				06					
	LOCATION ID		SAMPLE ID		06-SB-02		06-SB-02-02		06-SD-01		06-SD-02		06-SD-02-01	
	SAMPLE ID		SAMPLE ID		5 - 7		5 - 7		0 - 0.5		0 - 0.5		0 - 0.5	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)														
Diesel Range Organics (2)	ND	(20)	[101]	56	(25)	[126.6]	47000	(5000)	[24900]	42	(25)	[123]		
Gasoline Range Organics (2)	37	(9.8)	[98]	43	(12)	[121.3]	12000	(4900)	[49100]	16	(12)	[123]		
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)														
4,4'-DDD	2.8	(0.34)	[34.28179]	35	(0.42)	[42.22972]	57	(12)	[1204.819]	46	(0.41)	[41.13533]		
4,4'-DDE	2.5	(0.34)	[34.28179]	11	(0.42)	[42.22972]	17	(12)	[1204.819]	5	(0.41)	[41.13533]		
4,4'-DDT	20	(0.69)	[34.28179]	3	(0.84)	[42.22972]	15	KJ	[1204.819]	18	(0.82)	[41.13533]		
Aldrin	ND	(0.34)	[34.28179]	0.57	(0.42)	[42.22972]	ND		[1204.819]	0.089	(0.41)	[41.13533]		
Chlordane	ND	(1.7)	[34.28179]	ND	(2.1)	[42.22972]	ND		[1204.819]	ND	(2.1)	[41.13533]		
Dieldrin	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	8.8	J	[1204.819]	ND	(0.41)	[41.13533]		
Endosulfan I	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND		[1204.819]	ND	(0.41)	[41.13533]		
Endosulfan II	0.036	PJB		ND	(1.3)	[42.22972]	31	KJ	[1204.819]	ND	(0.41)	[41.13533]		
Endosulfan Sulfate	1.3	JB		1.5	JB		47	KJ	[1204.819]	0.97	(1.2)	[41.13533]		
Endrin	2.5	B		2.9			ND		[1204.819]	1.7	(2.1)	[41.13533]		
Endrin Aldehyde	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND		[1204.819]	ND	(0.41)	[41.13533]		
Heptachlor	ND	(0.69)	[34.28179]	ND	(0.84)	[42.22972]	ND		[1204.819]	0.23	(0.82)	[41.13533]		
Heptachlor epoxide	ND	(0.34)	[34.28179]	0.27	KJB		1.6	KJ	[1204.819]	ND	(0.41)	[41.13533]		
Methoxychlor	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	1.2	PJB	[1204.819]	0.048	(0.41)	[41.13533]		
PCB-1016	ND	(1.7)	[34.28179]	ND	(2.1)	[42.22972]	ND		[1204.819]	0.078	(2.1)	[41.13533]		
PCB-1221	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND		[1204.819]	ND	(4.1)	[41.13533]		
PCB-1232	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND		[1204.819]	ND	(8.2)	[41.13533]		
PCB-1242	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND		[1204.819]	ND	(8.2)	[41.13533]		
PCB-1248	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND		[1204.819]	ND	(4.1)	[41.13533]		
PCB-1254	ND	(3.4)	[34.28179]	ND	(4.2)	[42.22972]	ND		[1204.819]	ND	(4.1)	[41.13533]		
PCB-1260	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND		[1204.819]	ND	(8.2)	[41.13533]		
Toxaphene	ND	(6.9)	[34.28179]	ND	(8.4)	[42.22972]	ND		[1204.819]	ND	(8.2)	[41.13533]		
alpha-BHC	ND	(17)	[34.28179]	ND	(21)	[42.22972]	ND		[1204.819]	ND	(21)	[41.13533]		
beta-BHC	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	16		[1204.819]	ND	(0.41)	[41.13533]		
delta-BHC	0.2	KJ		0.18	PJ		ND		[1204.819]	0.32	(0.41)	[41.13533]		
	ND	(0.34)	[34.28179]	ND	(0.42)	[42.22972]	ND		[1204.819]	ND	(0.41)	[41.13533]		

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	06 06-SB-02 06-SB-02-01 2 - 4	06 06-SB-02 06-SB-02-02 5 - 7	06 06-SB-01 06-SB-01-01 0 - 0.5	06 06-SB-02 06-SB-02-01 0 - 0.5	06 06-SB-02 06-SB-02-01 0 - 0.5	06 06-SB-02 06-SB-02-01 0 - 0.5		
gamma-BHC	ND	(0.34) [34.28179]	ND	(0.42) [42.22972]	15	(12) [1204.819]	0.86 B	(0.41) [41.13533]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
1,1,2,2-Tetrachloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
1,1,2-Trichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
1,1-Dichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
1,1-Dichloroethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
1,2-Dichloropropane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
2-Chloroethyl vinyl ether	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664]	ND	(12) [1.239157]
2-Hexanone	ND	(51) [1.028806]	ND	(63) [1.267427]	1400 J	(31000) [626.5664]	ND	(62) [1.239157]
4-Methyl-2-pentanone(MIBK)	ND	(51) [1.028806]	ND	(63) [1.267427]	ND	(31000) [626.5664]	ND	(62) [1.239157]
Acetone	1.6 JB	(100) [1.028806]	3.5 JB	(130) [1.267427]	ND	(63000) [626.5664]	ND	(120) [1.239157]
Benzene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Bromodichloromethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Bromomethane	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664]	ND	(12) [1.239157]
Carbon disulfide	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Carbon tetrachloride	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Chlorobenzene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Chloroethane	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664]	ND	(12) [1.239157]
Chloroform	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Chloromethane	ND	(10) [1.028806]	ND	(13) [1.267427]	ND	(6300) [626.5664]	ND	(12) [1.239157]
Dibromochloromethane	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Ethyl benzene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Methyl ethyl ketone	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	350 J	(3100) [626.5664]	ND	(6.2) [1.239157]
Methylene chloride	3.3 JB	(100) [1.028806]	9.7 B	(130) [1.267427]	ND	(63000) [626.5664]	ND	(120) [1.239157]
Styrene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Tetrachloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	ND	(3100) [626.5664]	ND	(6.2) [1.239157]
Toluene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	1000 J	(3100) [626.5664]	ND	(6.2) [1.239157]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	06		06		06	
	06-SB-02		06-SB-02		06-SD-01	
	06-SB-02-01 2 - 4	06-SB-02-02 5 - 7	06-SB-02-01 5 - 7	06-SB-02-02 5 - 7	06-SD-01-01 0 - 0.5	06-SD-02-01 0 - 0.5
Tribromomethane(Bromoform)	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
Trichloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
Vinyl acetate	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
Vinyl chloride	ND	(10) [1.028806]	ND	(13) [1.267427]	(6300) [626.5664]	(12) [1.239157]
Xylenes	ND	(5.1) [1.028806]	5800	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
cis-1,3-Dichloropropene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
trans-1,2-Dichloroethene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
trans-1,3-Dichloropropene	ND	(5.1) [1.028806]	ND	(6.3) [1.267427]	(3100) [626.5664]	(6.2) [1.239157]
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
1,2-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
1,3-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
1,4-Dichlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,4,5-Trichloropheno	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,4,6-Trichloropheno	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,4-Dichloropheno	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,4-Dimethylpheno	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,4-Dinitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	(59) [1.171152]	(1.8) [0.035326]
2,4-Dinitrotoluene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2,6-Dinitrotoluene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Chloronaphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Chloropheno	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Methylnaphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Methylpheno(o-cresol)	ND	(1) [0.102368]	24	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Nitroaniline	ND	(5.1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	(0.35) [0.035326]
2-Nitrophenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(59) [1.171152]	(1.8) [0.035326]
3,3'-Dichlorobenzidine	ND	(2) [0.102368]	ND	(0.84) [0.042121]	(23) [1.171152]	(0.35) [0.035326]
3-Nitroaniline	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	(59) [1.171152]	(0.71) [0.035326]
4,6-Dinitro-2-methylphenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	(59) [1.171152]	(1.8) [0.035326]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	06		06				
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)			
	06-SB-02	06-SB-02	06-SD-01	06-SD-02			
	06-SB-02-01	06-SB-02-02	06-SD-01-01	06-SD-02-01			
	2 - 4	5 - 7	0 - 0.5	0 - 0.5			
4-Bromophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
4-Chloro-3-methylphenol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
4-Chlorophenyl phenyl ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
4-Methylphenol (p-cresol)	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
4-Nitroaniline	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	(1.8) [0.035326]
4-Nitrophenol	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	(1.8) [0.035326]
Acenaphthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Acenaphthylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzo(a)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzo(a)pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzo(b)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzo(g,h,i)perylene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzo(k)fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Benzoic acid	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	ND	(59) [1.171152]	(1.8) [0.035326]
Benzyl alcohol	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Butylbenzylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Chrysene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Di-n-octylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Dibenz(a,h)anthracene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Dibenzofuran	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Dibutylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Diethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Dimethylphthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Fluoranthene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Fluorene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Hexachlorobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Hexachlorobutadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]
Hexachlorocyclopentadiene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	ND	(12) [1.171152]	(0.35) [0.035326]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	LOCATION ID		SAMPLE ID				
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)			
	06	06	06	06			
	06-SB-02	06-SB-02	06-SD-01	06-SD-02			
	06-SB-02-01	06-SB-02-02	06-SD-01-01	06-SD-02-01			
	2 - 4	5 - 7	0 - 0.5	0 - 0.5			
Hexachloroethane	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Indeno(1,2,3-cd)pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Isophorone	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
N-Nitrosodiphenylamine	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
N-Nitrosodipropylamine	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Naphthalene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Nitrobenzene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Pentachloropheno1	ND	(5.1) [0.102368]	ND	(2.1) [0.042121]	(59) [1.171152]	ND	(1.8) [0.035326]
Phenanthrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Pheno1	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
Pyrene	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
bis(2-Chloroethoxy)methane	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
bis(2-Chloroethyl) ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
bis(2-Chloroisopropyl) ether	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
bis(2-Ethylhexyl) phthalate	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]
p-Chloroaniline	ND	(1) [0.102368]	ND	(0.42) [0.042121]	(12) [1.171152]	ND	(0.35) [0.035326]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALEMA 1992 EVENT.

PARAMETER	SITE ID											
	06		06		06		06		06			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	BEG. DEPTH - END DEPTH (FT.)											
	06-SS-01	06-SS-01-01	06-SS-02	06-SS-02-01	06-SS-03	06-SS-03-01	06-SS-04	06-SS-04-01	06-SS-05	06-SS-05-01		
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5			
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	890	(100)	[521]	1600	(210)	[1060]	130	(20)	[101]	23 B	(20)	[102]
Diesel Range Organics (2)	14 B	(9.9)	[99]	ND	(10)	[105]	11 B	(10)	[101]	ND	(9.8)	[98.3]
Gasoline Range Organics (2)	14	(0.35)	[35.03854]	120	(1.1)	[105.6300]	60	(1)	[101.7708]	130 P	(3.4)	[340.4834]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	ND	(0.35)	[35.03854]	12	(1.1)	[105.6300]	9.1	(1)	[101.7708]	140	(3.4)	[340.4834]
4,4'-DDD	24	(0.7)	[35.03854]	130	(2.1)	[105.6300]	170	(2)	[101.7708]	1200	(34)	[1702.417]
4,4'-DDE	ND	(0.35)	[35.03854]	0.63	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.79 B	(0.34)	[34.04834]
4,4'-DDT	ND	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	ND	(1.7)	[34.04834]
Aldrin	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND	(0.34)	[34.04834]
Chlordane	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND	(0.34)	[34.04834]
Dieldrin	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND	(0.34)	[34.04834]
Endosulfan I	ND	(0.35)	[35.03854]	3.4	(3.2)	[105.6300]	2.3	(3.1)	[101.7708]	ND	(1)	[34.04834]
Endosulfan II	0.32	(1.1)	[35.03854]	5.1	(5.3)	[105.6300]	ND	(5.1)	[101.7708]	1.9	(1.7)	[34.04834]
Endosulfan Sulfate	ND	(1.8)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND	(0.34)	[34.04834]
Endrin	2.6	(0.7)	[35.03854]	0.61	(2.1)	[105.6300]	0.62	(2)	[101.7708]	1.7	(0.68)	[34.04834]
Endrin Aldehyde	0.038	(0.35)	[35.03854]	0.23	(1.1)	[105.6300]	0.069	(1)	[101.7708]	0.098	(0.34)	[34.04834]
Heptachlor	0.42	(0.35)	[35.03854]	1.9	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.32	(0.34)	[34.04834]
Heptachlor epoxide	0.61	(1.8)	[35.03854]	ND	(5.3)	[105.6300]	2.8	(5.1)	[101.7708]	6.6	(1.7)	[34.04834]
Methoxychlor	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND	(3.4)	[34.04834]
PCB-1016	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND	(6.8)	[34.04834]
PCB-1221	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND	(6.8)	[34.04834]
PCB-1232	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND	(3.4)	[34.04834]
PCB-1242	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND	(3.4)	[34.04834]
PCB-1248	ND	(3.5)	[35.03854]	ND	(11)	[105.6300]	ND	(10)	[101.7708]	ND	(3.4)	[34.04834]
PCB-1254	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND	(6.8)	[34.04834]
PCB-1260	ND	(7)	[35.03854]	ND	(21)	[105.6300]	ND	(20)	[101.7708]	ND	(6.8)	[34.04834]
Toxaphene	ND	(18)	[35.03854]	ND	(53)	[105.6300]	ND	(51)	[101.7708]	ND	(17)	[34.04834]
alpha-BHC	0.58	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.64	(0.34)	[34.04834]
beta-BHC	ND	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	ND	(0.34)	[34.04834]
delta-BHC	0.88	(0.35)	[35.03854]	ND	(1.1)	[105.6300]	ND	(1)	[101.7708]	0.2	(0.34)	[34.04834]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	06 06-SS-01-01 0 - 0.5	06 06-SS-02 06-SS-02-01 0 - 0.5	06 06-SS-03 06-SS-03-01 0 - 0.5	06 06-SS-04 06-SS-04-01 0 - 0.5						
	gamma-BHC	SW8240 - Volatile Organics (ug/kg)	ND	(0.35) [35.03854]								ND	(1.1) [105.6300]	ND	(1) [101.7708]	0.74 B	(0.34) [34.04834]
1,1,1-Trichloroethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,1,2,2-Tetrachloroethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,1,2-Trichloroethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,1-Dichloroethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,1-Dichloroethene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,2-Dichloroethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
1,2-Dichloropropane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
2-Chloroethyl vinyl ether		ND	(11) [1.052631]	ND	(11) [1.061571]	ND	(10) [1.032951]	ND	(10) [1.022494]								
2-Hexanone		ND	(53) [1.052631]	ND	(53) [1.061571]	ND	(52) [1.032951]	ND	(51) [1.022494]								
4-Methyl-2-pentanone(MIBK)		ND	(53) [1.052631]	ND	(53) [1.061571]	ND	(52) [1.032951]	ND	(51) [1.022494]								
Acetone		ND	(110) [1.052631]	ND	(110) [1.061571]	ND	(100) [1.032951]	ND	(100) [1.022494]								
Benzene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Bromodichloromethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Bromomethane		ND	(11) [1.052631]	ND	(11) [1.061571]	ND	(10) [1.032951]	ND	(10) [1.022494]								
Carbon disulfide		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Carbon tetrachloride		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Chlorobenzene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Chloroethane		ND	(11) [1.052631]	ND	(11) [1.061571]	ND	(10) [1.032951]	ND	(10) [1.022494]								
Chloroform		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Chloromethane		ND	(11) [1.052631]	ND	(11) [1.061571]	ND	(10) [1.032951]	ND	(10) [1.022494]								
Dibromochloromethane		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Ethyl benzene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Methyl ethyl ketone		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Methylene chloride		ND	(110) [1.052631]	ND	(110) [1.061571]	ND	(100) [1.032951]	ND	(100) [1.022494]								
Styrene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Tetrachloroethene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								
Toluene		ND	(5.3) [1.052631]	ND	(5.3) [1.061571]	ND	(5.2) [1.032951]	ND	(5.1) [1.022494]								

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	06 06-SS-01 0 - 0.5	06 06-SS-02 0 - 0.5	06 06-SS-03 0 - 0.5	06 06-SS-04 0 - 0.5
Tribromomethane (Bromoform)	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
Trichloroethene	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
Vinyl acetate	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
Vinyl chloride	ND	(11) [1.052631]	(11) [1.061571]	(10) [1.022494]
Xylenes	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
cis-1,3-Dichloropropene	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
trans-1,2-Dichloroethene	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
trans-1,3-Dichloropropene	ND	(5.3) [1.052631]	(5.3) [1.061571]	(5.1) [1.022494]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
1,2-Dichlorobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
1,3-Dichlorobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
1,4-Dichlorobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,4,5-Trichloropheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,4,6-Trichloropheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,4-Dichloropheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,4-Dimethylpheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,4-Dinitrophenol	ND	(1.8) [0.035026]	(5.3) [0.105106]	(1.7) [0.034083]
2,4-Dinitrotoluene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2,6-Dinitrotoluene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2-Chloronaphthalene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2-Chloropheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2-Methylnaphthalene	0.021 J	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2-Methylpheno (o-cresol)	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
2-Nitroaniline	ND	(1.8) [0.035026]	(5.3) [0.105106]	(1.7) [0.034083]
2-Nitrophenol	ND	(0.35) [0.035026]	(1.1) [0.105106]	(0.34) [0.034083]
3,3'-Dichlorobenzidine	ND	(0.7) [0.035026]	(2.1) [0.105106]	(0.68) [0.034083]
3-Nitroaniline	ND	(1.8) [0.035026]	(5.3) [0.105106]	(1.7) [0.034083]
4,6-Dinitro-2-methylpheno	ND	(1.8) [0.035026]	(5.3) [0.105106]	(1.7) [0.034083]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	
	06		06			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	06-SS-01	06-SS-02	06-SS-03	06-SS-04	06	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	06-SS-04-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
4-Bromophenyl phenyl ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chloro-3-methylpheno	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
4-Chlorophenyl phenyl ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
4-Methylphenol(p-cresol)	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
4-Nitroaniline	ND	(1.8) [0.035026]	(5.3) [0.105106]	(5.1) [0.102171]	ND	(1.7) [0.034083]
4-Nitrophenol	ND	(1.8) [0.035026]	(5.3) [0.105106]	(5.1) [0.102171]	ND	(1.7) [0.034083]
Acenaphthene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.045 J	(0.34) [0.034083]
Acenaphthylene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Anthracene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.25 J	(0.34) [0.034083]
Benzo(a)anthracene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.76	(0.34) [0.034083]
Benzo(a)pyrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(b)fluoranthene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzo(g,h,i)perylene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.23 J	(0.34) [0.034083]
Benzo(k)fluoranthene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.52	(0.34) [0.034083]
Benzoic acid	0.078 J	(1.8) [0.035026]	(5.3) [0.105106]	(5.1) [0.102171]	ND	(1.7) [0.034083]
Benzyl alcohol	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Butylbenzylphthalate	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Chrysene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.91	(0.34) [0.034083]
Di-n-octylphthalate	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Dibenz(a,h)anthracene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.17 J	(0.34) [0.034083]
Dibenzofuran	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Dibutylphthalate	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Diethylphthalate	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Dimethylphthalate	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Fluoranthene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	1.4	(0.34) [0.034083]
Fluorene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	0.042 J	(0.34) [0.034083]
Hexachlorobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorobutadiene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]
Hexachlorocyclopentadiene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	ND	(0.34) [0.034083]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	06		06		06	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	06-SS-01 0 - 0.5	06-SS-02 06-SS-02-01 0 - 0.5	06-SS-03 06-SS-03-01 0 - 0.5	06-SS-04 06-SS-04-01 0 - 0.5	
Hexachloroethane	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	
Indeno(1,2,3-cd)pyrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	0.25 J
Isophorone	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
N-Nitrosodiphenylamine	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
N-Nitrosodipropylamine	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
Naphthalene	0.012 J	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
Nitrobenzene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
Pentachlorophenol	ND	(1.8) [0.035026]	(5.3) [0.105106]	(5.1) [0.102171]	(1.7) [0.034083]	ND
Phenanthrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	0.77
Phenol	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
Pyrene	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	1.3
bis(2-Chloroethoxy)methane	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
bis(2-Chloroethyl)ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
bis(2-Chloroisopropyl)ether	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND
bis(2-Ethylhexyl)phthalate	0.13 J	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	0.091 JB
p-Chloroaniline	ND	(0.35) [0.035026]	(1.1) [0.105106]	(1) [0.102171]	(0.34) [0.034083]	ND

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		06		07	
	06-SS-05		06-SS-06		06-SS-06-01		0 - 0.5		06-SS-06		07-MW-01	
	0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		0 - 0.5		5 - 6.5	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	78	(20)	[102]	[103]	72	(35)	[177]	3600	07	07	07	07
Diesel Range Organics (2)	ND	(10)	[100]	[100]	19 B	(18)	[176]	21 B	07-MW-02	07-MW-02	07-MW-02	07-MW-02
Gasoline Range Organics (2)	ND	(10)	[100]	[100]	19 B	(18)	[176]	21 B	07-MW-01-02	07-MW-01-02	07-MW-02-02	07-MW-02-02
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	130	(3.4)	[340.9478]	[103.0927]	1.5	(0.59)	[58.82352]	85	2 - 4	2 - 4	2 - 4	2 - 4
4,4'-DDD	32	(0.34)	[34.09478]	[103.0927]	2	(0.59)	[58.82352]	11				
4,4'-DDE	690	(34)	[1704.739]	[103.0927]	1.4	(1.2)	[58.82352]	2.2				
4,4'-DDT	ND	(0.34)	[34.09478]	[103.0927]	1	(0.59)	[58.82352]	ND				
Aldrin	ND	(1.7)	[34.09478]	[103.0927]	ND	(2.9)	[58.82352]	ND				
Chlordane	ND	(0.34)	[34.09478]	[103.0927]	ND	(0.59)	[58.82352]	ND				
Dieldrin	ND	(0.34)	[34.09478]	[103.0927]	ND	(0.59)	[58.82352]	ND				
Endosulfan I	ND	(0.34)	[34.09478]	[103.0927]	ND	(0.59)	[58.82352]	ND				
Endosulfan II	ND	(1)	[34.09478]	[103.0927]	1.7 KJ	(1.8)	[58.82352]	1.1 PJB				
Endosulfan Sulfate	ND	(1.7)	[34.09478]	[103.0927]	ND	(2.9)	[58.82352]	0.49 KJB				
Endrin	3.1	(0.34)	[34.09478]	[103.0927]	ND	(0.59)	[58.82352]	1.9 B				
Endrin Aldehyde	1.1	(0.68)	[34.09478]	[103.0927]	ND	(1.2)	[58.82352]	0.65 JB				
Heptachlor	0.17 KJB	(0.34)	[34.09478]	[103.0927]	0.062 PJB	(0.59)	[58.82352]	0.15 PJB				
Heptachlor epoxide	1.6 B	(0.34)	[34.09478]	[103.0927]	0.64 PB	(0.59)	[58.82352]	0.66 PB				
Methoxychlor	1.6 J	(1.7)	[34.09478]	[103.0927]	0.52 KJ	(2.9)	[58.82352]	4.3				
PCB-1016	ND	(3.4)	[34.09478]	[103.0927]	ND	(5.9)	[58.82352]	ND				
PCB-1221	ND	(6.8)	[34.09478]	[103.0927]	ND	(12)	[58.82352]	ND				
PCB-1232	ND	(6.8)	[34.09478]	[103.0927]	ND	(12)	[58.82352]	ND				
PCB-1242	ND	(3.4)	[34.09478]	[103.0927]	ND	(5.9)	[58.82352]	ND				
PCB-1248	ND	(3.4)	[34.09478]	[103.0927]	ND	(5.9)	[58.82352]	ND				
PCB-1254	ND	(6.8)	[34.09478]	[103.0927]	ND	(12)	[58.82352]	ND				
PCB-1260	ND	(6.8)	[34.09478]	[103.0927]	ND	(12)	[58.82352]	ND				
Toxaphene	ND	(17)	[34.09478]	[103.0927]	ND	(29)	[58.82352]	ND				
alpha-BHC	ND	(0.34)	[34.09478]	[103.0927]	ND	(0.59)	[58.82352]	0.71 B				
beta-BHC	ND	(0.34)	[34.09478]	[103.0927]	0.32 KJB	(0.59)	[58.82352]	ND				
delta-BHC	0.64 B	(0.34)	[34.09478]	[103.0927]	1.1 PB	(0.59)	[58.82352]	1.9 P				

Compiled: 23 May 1995
 () = Detection Limit [] = Factor
 = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	06		07		
	LOCATION ID	DEPTH	LOCATION ID	DEPTH	
	06-SS-05	06-SS-06	07-MW-01	07-MW-02	
	06-SS-05-01	06-SS-06-01	07-MW-01-02	07-MW-02-02	
	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4	
gamma-BHC	ND	ND	0.9 B	0.85 B	(0.51) [51.22950]
SW8240 - Volatile Organics (ug/kg)					
1,1,1-Trichloroethane	ND	ND	ND	ND	(7.7) [1.538461]
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	(7.7) [1.538461]
1,1,2-Trichloroethane	ND	ND	ND	ND	(7.7) [1.538461]
1,1-Dichloroethane	ND	ND	ND	ND	(7.7) [1.538461]
1,1-Dichloroethene	ND	ND	ND	ND	(7.7) [1.538461]
1,2-Dichloroethane	ND	ND	ND	ND	(7.7) [1.538461]
1,2-Dichloropropane	ND	ND	ND	ND	(7.7) [1.538461]
2-Chloroethyl vinyl ether	ND	ND	ND	ND	(15) [1.538461]
2-Hexanone	ND	ND	ND	ND	(77) [1.538461]
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	ND	(77) [1.538461]
Acetone	ND	3 JB	ND	320	(150) [1.538461]
Benzene	ND	ND	ND	ND	(7.7) [1.538461]
Bromodichloromethane	ND	ND	ND	ND	(7.7) [1.538461]
Bromomethane	ND	ND	ND	ND	(15) [1.538461]
Carbon disulfide	ND	ND	ND	ND	(7.7) [1.538461]
Carbon tetrachloride	ND	ND	ND	ND	(7.7) [1.538461]
Chlorobenzene	ND	ND	ND	ND	(7.7) [1.538461]
Chloroethane	ND	ND	ND	ND	(7.7) [1.538461]
Chloroform	ND	ND	ND	ND	(15) [1.538461]
Chloromethane	ND	ND	ND	ND	(7.7) [1.538461]
Dibromochloromethane	ND	ND	ND	ND	(15) [1.538461]
Ethyl benzene	ND	ND	ND	ND	(7.7) [1.538461]
Methyl ethyl ketone	ND	ND	ND	ND	(7.7) [1.538461]
Methylene chloride	5.9 B	4.5 JB	ND	25 JB	(150) [1.538461]
Styrene	ND	ND	13	7.9 B	(7.7) [1.538461]
Tetrachloroethene	ND	ND	ND	ND	(7.7) [1.538461]
Toluene	ND	ND	ND	0.89 JB	(7.7) [1.538461]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	06		07		07	
	06-SS-05		06-SS-06		07-MW-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 6.5	5 - 6.5
	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
Tribromomethane(Bromoform)	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
Trichloroethene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
Vinyl acetate	ND	(10) [1.024590]	ND	(10) [1.030927]	ND	(18) [1.776198]
Vinyl chloride	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
Xylenes	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
cis-1,3-Dichloropropene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
trans-1,2-Dichloroethene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
trans-1,3-Dichloropropene	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
SW8270 - Semivolatile Organics (mg/kg)	ND	(5.1) [1.024590]	ND	(5.2) [1.030927]	ND	(8.9) [1.776198]
1,2,4-Trichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
1,2-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
1,3-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
1,4-Dichlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,4,5-Trichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,4,6-Trichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,4-Dichlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,4-Dimethylphenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(3) [0.059009]
2,4-Dinitrophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,6-Dinitrotoluene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2,6-Dinitrotoluene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2-Chloronaphthalene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2-Chlorophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2-Methylnaphthalene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2-Methylphenol(o-cresol)	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
2-Nitroaniline	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(3) [0.059009]
2-Nitrophenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]
3,3'-Dichlorobenzidine	ND	(0.68) [0.034073]	ND	(2.1) [0.103092]	ND	(1.2) [0.059009]
3-Nitroaniline	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(3) [0.059009]
4,6-Dinitro-2-methylphenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(3) [0.059009]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	06		07		07		
	06-SS-05-01		06-SS-06-01		07-MW-01-02		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4	
4-Bromophenyl phenyl ether	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
4-Chloro-3-methylphenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
4-Chlorophenyl phenyl ether	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
4-Methylphenol (p-cresol)	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
4-Nitroaniline	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	(3) [0.059009]	ND	(69) [1.373626]
4-Nitrophenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	(3) [0.059009]	ND	(69) [1.373626]
Acenaphthene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Acenaphthylene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Anthracene	0.0039 J	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzo(a)anthracene	0.021 J	(0.34) [0.034073]	0.11 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzo(a)pyrene	0.033 J	(0.34) [0.034073]	0.17 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzo(b)fluoranthene	0.03 J	(0.34) [0.034073]	0.081 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzo(g,h,i)perylene	ND	(0.34) [0.034073]	0.21 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzo(k)fluoranthene	0.021 J	(0.34) [0.034073]	0.029 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Benzoic acid	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	(3) [0.059009]	ND	(69) [1.373626]
Benzyl alcohol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Butylbenzylphthalate	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Chrysene	0.039 J	(0.34) [0.034073]	0.18 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Di-n-octylphthalate	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Dibenz(a,h)anthracene	ND	(0.34) [0.034073]	0.054 JB	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Dibenzofuran	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Diethylphthalate	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Diethylphthalate	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Dimethylphthalate	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Fluoranthene	0.037 J	(0.34) [0.034073]	0.046 J	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Fluorene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Hexachlorobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Hexachlorobutadiene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]
Hexachlorocyclopentadiene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	(0.59) [0.059009]	ND	(14) [1.373626]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	06 06-SS-05 0 - 0.5	06 06-SS-06 0 - 0.5	07 07-MW-01 5 - 6.5	07 07-MW-02 2 - 4
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
Hexachloroethane	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Indeno(1,2,3-cd)pyrene	ND	(0.34) [0.034073]	0.067 J	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Isophorone	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
N-Nitrosodiphenylamine	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
N-Nitrosodipropylamine	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Naphthalene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Nitrobenzene	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Pentachlorophenol	ND	(1.7) [0.034073]	ND	(5.2) [0.103092]	ND	(3) [0.059009]	(3) [0.059009]	(69) [1.373626]	
Phenanthrene	0.025 J	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Phenol	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
Pyrene	0.04 J	(0.34) [0.034073]	0.068 J	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
bis(2-Chloroethoxy)methane	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
bis(2-Chloroethyl) ether	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
bis(2-Chloroisopropyl) ether	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
bis(2-Ethylhexyl) phthalate	0.083 JB	(0.34) [0.034073]	0.19 J	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
p-Chloroaniline	ND	(0.34) [0.034073]	ND	(1) [0.103092]	ND	(0.59) [0.059009]	(0.59) [0.059009]	(14) [1.373626]	
SH8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)									
Acenaphthene	NA		NA		NA	(320) [176.3668]	(320) [176.3668]	(2700) [1508.295]	
Acenaphthylene	NA		NA		NA	(410) [176.3668]	(410) [176.3668]	(3500) [1508.295]	
Anthracene	NA		NA		NA	(120) [176.3668]	(120) [176.3668]	(1000) [1508.295]	
Benzo(a)anthracene	NA		NA		1.1 J	(2.3) [176.3668]	(2.3) [176.3668]	(20) [1508.295]	
Benzo(a)pyrene	NA		NA		1.5 J	(4.1) [176.3668]	(4.1) [176.3668]	(35) [1508.295]	
Benzo(b)fluoranthene	NA		NA		6.5	(3.2) [176.3668]	(3.2) [176.3668]	(27) [1508.295]	
Benzo(g,h,i)perylene	NA		NA		9.5 J	(13) [176.3668]	(13) [176.3668]	(110) [1508.295]	
Benzo(k)fluoranthene	NA		NA		0.92 J	(3) [176.3668]	(3) [176.3668]	(26) [1508.295]	
Chrysene	NA		NA		8.7 J	(26) [176.3668]	(26) [176.3668]	(230) [1508.295]	
Dibenzo(a,h)anthracene	NA		NA		ND	(5.3) [176.3668]	(5.3) [176.3668]	(45) [1508.295]	
Fluoranthene	NA		NA		6.8 J	(37) [176.3668]	(37) [176.3668]	(320) [1508.295]	
Fluorene	NA		NA		ND	(37) [176.3668]	(37) [176.3668]	(320) [1508.295]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor

NA = Not Detected

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
Indeno(1,2,3-cd)pyrene	06	06	07	07
	06-SS-05	06-SS-06	07-MW-01	07-MW-02
	06-SS-05-01	06-SS-06-01	07-MW-01-02	07-MW-02-02
	0 - 0.5	0 - 0.5	5 - 6.5	2 - 4
Naphthalene	NA	NA	ND	160
	NA	NA	ND	890 J
	NA	NA	120	1300
	NA	NA	8.3 J	ND
Phenanthrene	NA	NA	(7.6) [176.3668]	(65) [1508.295]
	NA	NA	(320) [176.3668]	(2700) [1508.295]
	NA	NA	(110) [176.3668]	(970) [1508.295]
	NA	NA	(48) [176.3668]	(410) [1508.295]
Pyrene	NA	NA	ND	160
	NA	NA	ND	890 J
	NA	NA	120	1300
	NA	NA	8.3 J	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07		07		07		07	
	07-MW-03		07-MW-03		07-MW-04		07-MW-04		07-SB-01		07-SB-01	
	07-MW-03-02	07-MW-03-02	Dup of 07-MW-03-02	Dup of 07-MW-03-02	07-MW-04-02	07-MW-04-02	07-MW-04-02	07-MW-04-02	07-SB-01-01	07-SB-01-01	07-SB-01-01	07-SB-01-01
1.5 - 3	1.5 - 3	1.5 - 3	1.5 - 3	10 - 12	10 - 12	10 - 12	10 - 12	3 - 5	3 - 5	3 - 5	3 - 5	
PARAMETER	CONCENTRATION (mg/kg)	CONCENTRATION (ug/kg)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)
SW8015MEMP - Nonhalogenated Volatile Organics												
Diesel Range Organics (2)	14000	[15600]	13000	(0.2)	[1]	94	(22)	[112]	160	(26)	[128]	
Gasoline Range Organics (2)	6500	[1]	ND	(6100)	[60700]	ND	(11)	[114]	14 B	(13)	[129]	
SW8080 - Organochlorine Pesticides and PCBs												
4,4'-DDD	71	[52.57623]	9.5	(0.51)	[51.02040]	67	(1.9)	[189.8974]	4.4	(0.43)	[43.42162]	
4,4'-DDE	4.3	[52.57623]	1.2	(0.51)	[51.02040]	12	(0.38)	[37.97949]	0.85	(0.43)	[43.42162]	
4,4'-DDT	7.2	[52.57623]	2.8	(1.1)	[51.02040]	180	(3.8)	[189.8974]	0.37 JB	(0.87)	[43.42162]	
Aldrin	1.6	[52.57623]	1.1	(0.51)	[51.02040]	0.89 B	(0.38)	[37.97949]	1.4	(0.43)	[43.42162]	
Chlordane	ND	[52.57623]	ND	(2.6)	[51.02040]	ND	(1.9)	[37.97949]	ND	(2.2)	[43.42162]	
Dieldrin	ND	[52.57623]	ND	(0.51)	[51.02040]	ND	(0.38)	[37.97949]	ND	(0.43)	[43.42162]	
Endosulfan I	ND	[52.57623]	ND	(0.51)	[51.02040]	ND	(0.38)	[37.97949]	ND	(0.43)	[43.42162]	
Endosulfan II	ND	[52.57623]	ND	(1.6)	[51.02040]	3.2	(0.38)	[37.97949]	0.14 PJB	(0.43)	[43.42162]	
Endosulfan Sulfate	ND	[52.57623]	1.2 KJB	(1.5)	[51.02040]	ND	(1.1)	[37.97949]	0.8 KJB	(1.3)	[43.42162]	
Endrin	ND	[52.57623]	1.4 KJB	(2.6)	[51.02040]	ND	(1.9)	[37.97949]	1.3 KJB	(2.2)	[43.42162]	
Endrin Aldehyde	0.69 KJB	[52.57623]	ND	(0.51)	[51.02040]	ND	(0.38)	[37.97949]	ND	(0.43)	[43.42162]	
Heptachlor	0.17 PJB	[52.57623]	0.37 KJB	(1.1)	[51.02040]	1.3	(0.76)	[37.97949]	0.17 KJB	(0.87)	[43.42162]	
Heptachlor epoxide	0.42 PJB	[52.57623]	0.19 PJB	(0.51)	[51.02040]	0.017 PJB	(0.38)	[37.97949]	0.11 PJB	(0.43)	[43.42162]	
Methoxychlor	0.84 PJ	[52.57623]	0.61 PB	(0.51)	[51.02040]	0.24 PJB	(0.38)	[37.97949]	0.3 PJB	(0.43)	[43.42162]	
PCB-1016	ND	[52.57623]	2.2 KJ	(2.6)	[51.02040]	0.87 J	(1.9)	[37.97949]	2.1 KJ	(2.2)	[43.42162]	
PCB-1221	ND	[52.57623]	ND	(5.1)	[51.02040]	ND	(3.8)	[37.97949]	ND	(4.3)	[43.42162]	
PCB-1232	ND	[52.57623]	ND	(10)	[51.02040]	ND	(7.6)	[37.97949]	ND	(8.7)	[43.42162]	
PCB-1242	ND	[52.57623]	ND	(10)	[51.02040]	ND	(7.6)	[37.97949]	ND	(8.7)	[43.42162]	
PCB-1248	ND	[52.57623]	ND	(5.1)	[51.02040]	ND	(3.8)	[37.97949]	ND	(4.3)	[43.42162]	
PCB-1254	ND	[52.57623]	ND	(5.1)	[51.02040]	ND	(3.8)	[37.97949]	ND	(4.3)	[43.42162]	
PCB-1260	ND	[52.57623]	ND	(10)	[51.02040]	ND	(7.6)	[37.97949]	ND	(8.7)	[43.42162]	
Toxaphene	ND	[52.57623]	ND	(10)	[51.02040]	ND	(7.6)	[37.97949]	ND	(8.7)	[43.42162]	
alpha-BHC	1.9	[52.57623]	1.5	(26)	[51.02040]	ND	(19)	[37.97949]	ND	(22)	[43.42162]	
beta-BHC	0.02 PJ	[52.57623]	ND	(0.51)	[51.02040]	0.48 B	(0.38)	[37.97949]	0.31 KJB	(0.43)	[43.42162]	
delta-BHC	1.6 PB	[52.57623]	1.1 PB	(0.51)	[51.02040]	0.28 KJB	(0.38)	[37.97949]	ND	(0.43)	[43.42162]	
				(0.51)	[51.02040]	0.82 PB	(0.38)	[37.97949]	2 P	(0.43)	[43.42162]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07		07					
	07-MW-03		07-MW-03		07-MW-04		07-SB-01					
	07-MW-03-02 1.5 - 3	07-MW-03-02 1.5 - 3	Dup of 07-MW-03-02 1.5 - 3	Dup of 07-MW-03-02 1.5 - 3	07-MW-04-02 10 - 12	07-MW-04-02 10 - 12	07-SB-01-01 3 - 5	07-SB-01-01 3 - 5				
PARAMETER	1.2 B	(0.53)	[52.57623]	0.65 PB	(0.51)	[51.02040]	ND	(0.38)	[37.97949]	0.65 PB	(0.43)	[43.42162]
gamma-BHC												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,1,2-Tetrachloroethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,1,2-Trichloroethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,1-Dichloroethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,1-Dichloroethene	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,2-Dichloroethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
1,2-Dichloropropane	ND	(320)	[31.64556]	ND	(3100)	[306.7484]	ND	(29)	[2.857142]	ND	(13)	[1.305483]
2-Chloroethyl vinyl ether	ND	(1600)	[31.64556]	ND	(15000)	[306.7484]	ND	(140)	[2.857142]	ND	(65)	[1.305483]
2-Hexanone	ND	(1600)	[31.64556]	ND	(15000)	[306.7484]	ND	(140)	[2.857142]	ND	(65)	[1.305483]
4-Methyl-2-pentanone (MIBK)	ND	(3200)	[31.64556]	ND	(31000)	[306.7484]	860	(290)	[2.857142]	39 JB	(130)	[1.305483]
Acetone	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	130	(14)	[2.857142]	ND	(6.5)	[1.305483]
Benzene	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Bromodichloromethane	ND	(320)	[31.64556]	ND	(3100)	[306.7484]	ND	(29)	[2.857142]	ND	(13)	[1.305483]
Bromomethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Carbon disulfide	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Carbon tetrachloride	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Chlorobenzene	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Chloroethane	ND	(320)	[31.64556]	ND	(3100)	[306.7484]	ND	(29)	[2.857142]	ND	(13)	[1.305483]
Chloroform	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Chloromethane	ND	(320)	[31.64556]	ND	(3100)	[306.7484]	ND	(29)	[2.857142]	ND	(13)	[1.305483]
Dibromochloromethane	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Ethyl benzene	1200	(160)	[31.64556]	1700	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Methyl ethyl ketone	ND	(3200)	[31.64556]	ND	(31000)	[306.7484]	63 J	(290)	[2.857142]	ND	(130)	[1.305483]
Methylene chloride	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	64	(14)	[2.857142]	2.8 JB	(6.5)	[1.305483]
Styrene	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Tetrachloroethene	ND	(160)	[31.64556]	ND	(1500)	[306.7484]	ND	(14)	[2.857142]	ND	(6.5)	[1.305483]
Toluene	35 J	(160)	[31.64556]	ND	(1500)	[306.7484]	75	(14)	[2.857142]	ND	(6.5)	[1.305483]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07 07-MW-03 07-MW-03-02 1.5 - 3	07 07-MW-03 07-MW-03-02 1.5 - 3	07 07-MW-04 07-MW-04-02 10 - 12	07 07-SB-01 07-SB-01-01 3 - 5
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
Tribromomethane (Bromoform)	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
Trichloroethene	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
Vinyl acetate	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
Vinyl chloride	ND	(320) [31.64556]	(3100) [306.7484]	ND	(29) [2.857142]	(13) [1.305483]	ND	(13) [1.305483]	
Xylenes	3500	(160) [31.64556]	(1500) [306.7484]	5.1 J	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
cis-1,3-Dichloropropene	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
trans-1,2-Dichloroethene	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
trans-1,3-Dichloropropene	ND	(160) [31.64556]	(1500) [306.7484]	ND	(14) [2.857142]	(6.5) [1.305483]	ND	(6.5) [1.305483]	
SW8270 - Semivolatile Organics (mg/kg)									
1,2,4-Trichlorobenzene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
1,2-Dichlorobenzene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
1,3-Dichlorobenzene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
1,4-Dichlorobenzene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,4,5-Trichloropheno	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,4,6-Trichloropheno	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,4-Dichloropheno	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,4-Dimethylpheno	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,4-Dinitrophenol	ND	(79) [1.582278]	(72) [1.446926]	ND	(1.9) [0.038069]	(6.5) [0.129127]	ND	(6.5) [0.129127]	
2,4-Dinitrotoluene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2,6-Dinitrotoluene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2-Chloronaphthalene	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2-Chloropheno	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2-Methylnaphthalene	40	(16) [1.582278]	(14) [1.446926]	82	(0.38) [0.038069]	(1.3) [0.129127]	0.45 J	(1.3) [0.129127]	
2-Methylphenol (o-cresol)	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
2-Nitroaniline	ND	(79) [1.582278]	(72) [1.446926]	ND	(1.9) [0.038069]	(6.5) [0.129127]	ND	(6.5) [0.129127]	
2-Nitrophenol	ND	(16) [1.582278]	(14) [1.446926]	ND	(0.38) [0.038069]	(1.3) [0.129127]	ND	(1.3) [0.129127]	
3,3'-Dichlorobenzidine	ND	(32) [1.582278]	(29) [1.446926]	ND	(0.76) [0.038069]	(2.6) [0.129127]	ND	(2.6) [0.129127]	
3-Nitroaniline	ND	(79) [1.582278]	(72) [1.446926]	ND	(1.9) [0.038069]	(6.5) [0.129127]	ND	(6.5) [0.129127]	
4,6-Dinitro-2-methylpheno	ND	(79) [1.582278]	(72) [1.446926]	ND	(1.9) [0.038069]	(6.5) [0.129127]	ND	(6.5) [0.129127]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor NA = Not Detected MA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	07		07	
	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
4-Bromophenyl phenyl ether	07-NW-03 07-MW-03-02 1.5 - 3	07-NW-03 07-NW-03-02 1.5 - 3	07-NW-04 07-MW-04-02 10 - 12	07-SB-01 07-SB-01-01 3 - 5
4-Chloro-3-methylphenol	(16) [1.582278]	ND	(14) [1.446926]	ND
4-Chlorophenyl phenyl ether	(16) [1.582278]	ND	(14) [1.446926]	ND
4-Methylphenol (p-cresol)	(16) [1.582278]	ND	(14) [1.446926]	ND
4-Nitroaniline	(79) [1.582278]	ND	(72) [1.446926]	ND
4-Nitrophenol	(79) [1.582278]	ND	(72) [1.446926]	ND
Acenaphthene	(16) [1.582278]	ND	(14) [1.446926]	ND
Acenaphthylene	(16) [1.582278]	ND	(14) [1.446926]	ND
Anthracene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzo(a)anthracene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzo(a)pyrene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzo(b)fluoranthene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzo(g,h,i)perylene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzo(k)fluoranthene	(16) [1.582278]	ND	(14) [1.446926]	ND
Benzoic acid	(79) [1.582278]	ND	(72) [1.446926]	ND
Benzyl alcohol	(16) [1.582278]	ND	(14) [1.446926]	ND
Butylbenzylphthalate	(16) [1.582278]	ND	(14) [1.446926]	ND
Chrysene	(16) [1.582278]	ND	(14) [1.446926]	ND
Di-n-octylphthalate	(16) [1.582278]	ND	(14) [1.446926]	ND
Dibenz(a,h)anthracene	(16) [1.582278]	ND	(14) [1.446926]	ND
Dibenzofuran	(16) [1.582278]	ND	(14) [1.446926]	ND
Dibutylphthalate	(16) [1.582278]	ND	(14) [1.446926]	ND
Diethylphthalate	(16) [1.582278]	ND	(14) [1.446926]	ND
Dimethylphthalate	(16) [1.582278]	ND	(14) [1.446926]	ND
Fluoranthene	(16) [1.582278]	ND	(14) [1.446926]	ND
Fluorene	(16) [1.582278]	1.8 J	(14) [1.446926]	ND
Hexachlorobenzene	(16) [1.582278]	ND	(14) [1.446926]	ND
Hexachlorobutadiene	(16) [1.582278]	ND	(14) [1.446926]	ND
Hexachlorocyclopentadiene	(16) [1.582278]	ND	(14) [1.446926]	ND

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07 07-MW-03 07-MW-03-02 1.5 - 3	07 07-MW-04 07-MW-04-02 10 - 12	07 07-SB-01 07-SB-01-01 3 - 5
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID				
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID				
Hexachloroethane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Indeno(1,2,3-cd)pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Isophorone	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodiphenylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
N-Nitrosodipropylamine	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Naphthalene	8.6 J	(16) [1.582278]	19	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Nitrobenzene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pentachlorophenol	ND	(79) [1.582278]	ND	(72) [1.446926]	ND	(1.9) [0.038069]	ND	(6.5) [0.129127]
Phenanthrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Phenol	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
Pyrene	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethoxy)methane	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroethyl) ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Chloroisopropyl) ether	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
bis(2-Ethylhexyl) phthalate	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	2.8	(1.3) [0.129127]
p-Chloroaniline	ND	(16) [1.582278]	ND	(14) [1.446926]	ND	(0.38) [0.038069]	ND	(1.3) [0.129127]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	ND	(2800) [1557.632]	ND	(2700) [1519.756]	12 J	(200) [112.6126]	120 J	(230) [127.3885]
Acenaphthylene	1800 J	(3600) [1557.632]	1900 J	(3500) [1519.756]	ND	(260) [112.6126]	ND	(290) [127.3885]
Anthracene	460 J	(1000) [1557.632]	440 J	(1000) [1519.756]	ND	(74) [112.6126]	ND	(84) [127.3885]
Benzo(a)anthracene	ND	(20) [1557.632]	ND	(20) [1519.756]	ND	(1.5) [112.6126]	2.6	(1.7) [127.3885]
Benzo(a)pyrene	ND	(36) [1557.632]	ND	(35) [1519.756]	ND	(2.6) [112.6126]	2 J	(2.9) [127.3885]
Benzo(b)fluoranthene	ND	(28) [1557.632]	ND	(27) [1519.756]	3	(2) [112.6126]	8.4	(2.3) [127.3885]
Benzo(g,h,i)perylene	ND	(120) [1557.632]	ND	(120) [1519.756]	12	(8.6) [112.6126]	9.3 J	(9.7) [127.3885]
Benzo(k)fluoranthene	ND	(26) [1557.632]	ND	(26) [1519.756]	0.77 J	(1.9) [112.6126]	0.88 J	(2.2) [127.3885]
Chrysene	ND	(230) [1557.632]	ND	(230) [1519.756]	ND	(17) [112.6126]	13 J	(19) [127.3885]
Dibenzo(a,h)anthracene	ND	(47) [1557.632]	ND	(46) [1519.756]	ND	(3.4) [112.6126]	ND	(3.8) [127.3885]
Fluoranthene	560	(330) [1557.632]	ND	(320) [1519.756]	ND	(24) [112.6126]	26 J	(27) [127.3885]
Fluorene	540	(330) [1557.632]	600	(320) [1519.756]	ND	(24) [112.6126]	ND	(27) [127.3885]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	07	07						
	07-MW-03 07-MW-03-02 1.5 - 3	07-MW-03 Dup of 07-MW-03-02 1.5 - 3						
Indeno(1,2,3-cd)pyrene	48 J	(67) [1557.632]	ND	(65) [1519.756]	4.7 J	(4.8) [112.6126]	ND	(5.5) [127.3885]
Naphthalene	27000	(2800) [1557.632]	32000	(2700) [1519.756]	16 J	(200) [112.6126]	2.1 J	(230) [127.3885]
Phenanthrene	2800	(1000) [1557.632]	2800	(970) [1519.756]	1100	(72) [112.6126]	200	(82) [127.3885]
Pyrene	690	(420) [1557.632]	490	(410) [1519.756]	ND	(30) [112.6126]	ND	(34) [127.3885]

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (mg/kg)	DETECTION LIMIT (mg/kg)	FACTOR	STATUS	DEPTH (FT.)	ANALYSIS DATE	ANALYSIS TYPE	REMARKS
	LOCATION ID	SAMPLE ID									
	07	07									
SW8015MEMP - Nonhalogenated Volatile Organics											
Diesel Range Organics (2)	790	(300)	[1490]								
Gasoline Range Organics (2)	17 B	(15)	[150]								
SW8080 - Organochlorine Pesticides and PCBs											
4,4'-DDD	11	(0.5)	[49.82561]								
4,4'-DDE	1.5 P	(0.5)	[49.82561]								
4,4'-DDT	1.3	(1)	[49.82561]								
Aldrin	1.1	(0.5)	[49.82561]								
Chlordane	ND	(2.5)	[49.82561]								
Dieldrin	ND	(0.5)	[49.82561]								
Endosulfan I	0.45 JB	(0.5)	[49.82561]								
Endosulfan II	ND	(1.5)	[49.82561]								
Endosulfan Sulfate	ND	(2.5)	[49.82561]								
Endrin	ND	(0.5)	[49.82561]								
Endrin Aldehyde	0.74 KJ	(1)	[49.82561]								
Heptachlor	0.0065 PJB	(0.5)	[49.82561]								
Heptachlor epoxide	0.81 PB	(0.5)	[49.82561]								
Methoxychlor	1.1 KJ	(2.5)	[49.82561]								
PCB-1016	ND	(5)	[49.82561]								
PCB-1221	ND	(10)	[49.82561]								
PCB-1232	ND	(10)	[49.82561]								
PCB-1242	ND	(5)	[49.82561]								
PCB-1248	ND	(5)	[49.82561]								
PCB-1254	ND	(10)	[49.82561]								
PCB-1260	ND	(10)	[49.82561]								
Toxaphene	ND	(25)	[49.82561]								
alpha-BHC	ND	(0.5)	[49.82561]								
beta-BHC	ND	(0.5)	[49.82561]								
delta-BHC	4.1 P	(0.5)	[49.82561]								

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07-DS-03 Dup of 07-SD-01-01 0 - 0.5	07-SD-01 07-SD-01-01 0 - 0.5	07-SD-01 07-SD-01-01 0 - 0.5	07-SD-01 07-SD-01-01 0 - 0.5			
	LOCATION ID											
	SAMPLE ID											
gamma-BHC	1.1 B	(0.5)	[49.82561]	0.73 PB	(0.45)	[44.80286]	ND	(9.4)	[941.3979]	ND	(9.1)	[911.7016]
SM8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,1,2,2-Tetrachloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,1,2-Trichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,1-Dichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,1-Dichloroethene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,2-Dichloroethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
1,2-Dichloropropane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
2-Chloroethyl vinyl ether	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(280)	[28.28854]	ND	(270)	[27.35978]
2-Hexanone	ND	(75)	[1.499250]	ND	(67)	[1.349527]	ND	(1400)	[28.28854]	ND	(1400)	[27.35978]
4-Methyl-2-pentanone (MIBK)	ND	(75)	[1.499250]	ND	(67)	[1.349527]	ND	(1400)	[28.28854]	ND	(1400)	[27.35978]
Acetone	41 JB	(150)	[1.499250]	65 JB	(130)	[1.349527]	ND	(2800)	[28.28854]	ND	(2700)	[27.35978]
Benzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Bromodichloromethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Bromomethane	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(280)	[28.28854]	ND	(270)	[27.35978]
Carbon disulfide	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Carbon tetrachloride	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Chlorobenzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Chloroethane	ND	(15)	[1.499250]	ND	(13)	[1.349527]	ND	(280)	[28.28854]	ND	(270)	[27.35978]
Chloroform	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Dibromochloromethane	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Ethyl benzene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Methyl ethyl ketone	ND	(150)	[1.499250]	8.5 JB	(130)	[1.349527]	ND	(2800)	[28.28854]	ND	(2700)	[27.35978]
Methylene chloride	6.3 JB	(7.5)	[1.499250]	1.9 JB	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Styrene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Tetrachloroethene	ND	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]
Toluene	0.42 JB	(7.5)	[1.499250]	ND	(6.7)	[1.349527]	ND	(140)	[28.28854]	ND	(140)	[27.35978]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07 07-SB-02 07-SB-02-01 3 - 5	07 07-SB-03 07-SB-03-01 3 - 5	07 07-SB-01 07-SB-01-01 0 - 0.5	07 07-SD-01 07-SD-01-01 0 - 0.5	07 07-SD-03 Dup of 07-SD-01-01 0 - 0.5
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID						
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID						
Tribromomethane(Bromoform)	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
Trichloroethene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
Vinyl acetate	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
Vinyl chloride	ND	(15) [1.499250]	ND	(13) [1.349527]	ND	(280) [28.28854]	ND	(270) [27.35978]		
Xylenes	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
cis-1,3-Dichloropropene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
trans-1,2-Dichloroethene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
trans-1,3-Dichloropropene	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
SW8270 - Semivolatile Organics (mg/kg)	ND	(7.5) [1.499250]	ND	(6.7) [1.349527]	ND	(140) [28.28854]	ND	(140) [27.35978]		
1,2,4-Trichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
1,2-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
1,3-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
1,4-Dichlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,4,5-Trichloropheno	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,4,6-Trichloropheno	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,4-Dichloropheno	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,4-Dimethylpheno	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,4-Dinitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]		
2,4-Dinitrotoluene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2,6-Dinitrotoluene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Chloronaphthalene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Chloropheno	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Methylnaphthalene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Methylphenol(o-cresol)	0.8 J	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Nitroaniline	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
2-Nitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]		
3,3'-Dichlorobenzidine	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]	ND	(10) [1.005874]		
3-Nitroaniline	ND	(3) [0.149925]	ND	(0.9) [0.044954]	ND	(26) [1.285842]	ND	(20) [1.005874]		
4,6-Dinitro-2-methylphenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]		
	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]	ND	(50) [1.005874]		

Compiled: 23 May 1995

() = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07	
	07-SB-02	07-SB-03	07-SB-01	07-SB-01	07-SD-01	07-SD-01
	3 - 5	3 - 5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Chloro-3-methylphenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Chlorophenyl phenyl ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Methylphenol (p-cresol)	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
4-Nitroaniline	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
4-Nitrophenol	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
Acenaphthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Acenaphthylene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(a)anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(a)pyrene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(b)fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(g,h,i)perylene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzo(k)fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Benzoic acid	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
Benzyl alcohol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Butylbenzylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Chrysene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Di-n-octylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibenz(a,h)anthracene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibenzofuran	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dibutylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Diethylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Dimethylphthalate	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Fluoranthene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Fluorene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorobutadiene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Hexachlorocyclopentadiene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07	
	07-SB-02		07-SB-03		07-SD-01	
	07-SB-02-01 3 - 5	07-SB-02-01 3 - 5	07-SB-03-01 3 - 5	07-SB-03-01 3 - 5	07-SD-01-01 0 - 0.5	07-SD-01-01 0 - 0.5
Hexachloroethane	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Indeno(1,2,3-cd)pyrene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Isophorone	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
N-Nitrosodiphenylamine	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
N-Nitrosodipropylamine	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Naphthalene	0.32 J	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Nitrobenzene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Pentachloropheno1	ND	(7.5) [0.149925]	ND	(2.2) [0.044954]	ND	(64) [1.285842]
Phenanthrene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Phenol	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
Pyrene	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(13) [1.285842]
bis(2-Chloroethoxy)methane	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	0.33 J	(10) [1.005874]
bis(2-Chloroethyl)ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(10) [1.005874]
bis(2-Chloroisopropyl)ether	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(10) [1.005874]
bis(2-Ethylhexyl)phthalate	ND	(1.5) [0.149925]	0.049 JB	(0.45) [0.044954]	0.74 J	(10) [1.005874]
p-Chloroaniline	ND	(1.5) [0.149925]	ND	(0.45) [0.044954]	ND	(10) [1.005874]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	ND	(260) [145.9854]	220 J	(240) [132.4503]	ND	(840) [467.2897]
Acenaphthylene	31.0 J	(340) [145.9854]	ND	(300) [132.4503]	ND	(1100) [467.2897]
Anthracene	ND	(96) [145.9854]	ND	(87) [132.4503]	ND	(310) [467.2897]
Benzo(a)anthracene	2.7	(1.9) [145.9854]	3.4	(1.7) [132.4503]	11	(6.1) [467.2897]
Benzo(a)pyrene	2.3 J	(3.4) [145.9854]	2.8 J	(3) [132.4503]	5.1 J	(11) [467.2897]
Benzo(b)fluoranthene	ND	(2.6) [145.9854]	10	(2.4) [132.4503]	22	(8.4) [467.2897]
Benzo(g,h,i)perylene	10 J	(11) [145.9854]	17	(10) [132.4503]	15 J	(36) [467.2897]
Benzo(k)fluoranthene	1.3 J	(2.5) [145.9854]	1.1 J	(2.3) [132.4503]	7.2 J	(7.9) [467.2897]
Chrysene	14 J	(22) [145.9854]	ND	(20) [132.4503]	ND	(70) [467.2897]
Dibenzo(a,h)anthracene	ND	(4.4) [145.9854]	ND	(4) [132.4503]	ND	(14) [467.2897]
Fluoranthene	4.6 J	(31) [145.9854]	11 J	(28) [132.4503]	100	(98) [467.2897]
Fluorene	ND	(31) [145.9854]	ND	(28) [132.4503]	68 J	(98) [467.2897]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	07	07	07	07
	07-SB-02	07-SB-03	07-SD-01	07-SD-01
	07-SB-02-01	07-SB-03-01	07-SD-01-01	07-SD-01-01
	3 - 5	3 - 5	0 - 0.5	0 - 0.5
				Dup of 07-SD-01-01
Indeno(1,2,3-cd)pyrene	ND	2 J	36	46
Naphthalene	170 J	ND	ND	ND
Phenanthrene	900	500	310	1200
Pyrene	ND	ND	94 J	120
	(6.3) [145.9854]	(5.7) [132.4503]	(20) [467.2897]	(20) [454.5454]
	(260) [145.9854]	(240) [132.4503]	(840) [467.2897]	(820) [454.5454]
	(93) [145.9854]	(85) [132.4503]	(300) [467.2897]	(290) [454.5454]
	(39) [145.9854]	(36) [132.4503]	(130) [467.2897]	(120) [454.5454]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07		07		07	
	07-SD-02		07-SS-01		07-SS-01		07-SS-01		07-SS-02	
	07-SD-02-01	07-SD-02-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-02-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	BEG. DEPTH - END DEPTH (FT.)									
	SITE ID									
	LOCATION ID									
	SAMPLE ID									
SW8015MEMP - Nonhalogenated Volatile Organics	(mg/kg)									
Diesel Range Organics (2)	1600	(480)	[2380]	39000	(4700)	[23300]	37000	(4700)	[23300]	820
Gasoline Range Organics (2)	ND	(84)	[844]	3300	(1200)	[12500]	5500	(2500)	[25400]	ND
SW8080 - Organochlorine Pesticides and PCBs	(ug/kg)									
4,4'-DDD	330	(1.6)	[157.2327]	390	(7.8)	[783.3920]	430	(7.8)	[777.9074]	450
4,4'-DDE	9.1	(1.6)	[157.2327]	22	(0.39)	[39.16960]	23	(0.39)	[38.89537]	100
4,4'-DDT	2.6 PU	(3.1)	[157.2327]	1.5	(0.78)	[39.16960]	0.91 PB	(0.78)	[38.89537]	150
Aldrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Chlordane	ND	(7.9)	[157.2327]	ND	(2)	[39.16960]	ND	(1.9)	[38.89537]	ND
Dieldrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endosulfan I	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endosulfan II	2.9 KJ	(4.7)	[157.2327]	0.86 KJB	(1.2)	[39.16960]	0.8 KJB	(1.2)	[38.89537]	3.9 KJ
Endosulfan Sulfate	2.8 JB	(7.9)	[157.2327]	0.67 PJB	(2)	[39.16960]	0.8 PJB	(1.9)	[38.89537]	8 KJ
Endrin	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
Endrin Aldehyde	1.4 KJ	(3.1)	[157.2327]	0.64 JB	(0.78)	[39.16960]	0.76 J	(0.78)	[38.89537]	2 KJ
Heptachlor	0.53 KJB	(1.6)	[157.2327]	1 B	(0.39)	[39.16960]	1.2	(0.39)	[38.89537]	1.2 KJ
Heptachlor epoxide	ND	(1.6)	[157.2327]	0.19 PJB	(0.39)	[39.16960]	0.25 PJB	(0.39)	[38.89537]	ND
Methoxychlor	1.9 KJ	(7.9)	[157.2327]	0.46 KJ	(2)	[39.16960]	ND	(1.9)	[38.89537]	ND
PCB-1016	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1221	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1232	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1242	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1248	ND	(16)	[157.2327]	ND	(3.9)	[39.16960]	ND	(3.9)	[38.89537]	ND
PCB-1254	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
PCB-1260	ND	(31)	[157.2327]	ND	(7.8)	[39.16960]	ND	(7.8)	[38.89537]	ND
Toxaphene	ND	(79)	[157.2327]	ND	(20)	[39.16960]	ND	(19)	[38.89537]	ND
alpha-BHC	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	3.1	(0.39)	[38.89537]	ND
beta-BHC	ND	(1.6)	[157.2327]	ND	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	ND
delta-BHC	ND	(1.6)	[157.2327]	1.8	(0.39)	[39.16960]	1.6 B	(0.39)	[38.89537]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07		3.7 P	[289.8550]				
	07-SD-02		07-SS-01		07-SS-02							
	07-SD-02-01	07-SS-01-01	07-SS-01-01	07-SS-01-01	07-SS-02-01	07-SS-02-01						
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5						

	SITE ID											
	LOCATION ID											
	SAMPLE ID											
	BEG. DEPTH - END DEPTH (FT.)											
gamma-BHC	13	(1.6)	[157.2327]	9.8	(0.39)	[39.16960]	ND	(0.39)	[38.89537]	3.7 P	(2.9)	[289.8550]
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,1,2,2-Tetrachloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,1,2-Trichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,1-Dichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,1-Dichloroethene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,2-Dichloroethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
1,2-Dichloropropane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
2-Chloroethyl vinyl ether	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]
2-Hexanone	ND	(240)	[4.716981]	ND	(1300)	[26.07561]	ND	(3300)	[66.05019]	ND	(130)	[2.570694]
4-Methyl-2-pentanone(MIBK)	ND	(240)	[4.716981]	ND	(1300)	[26.07561]	ND	(3300)	[66.05019]	ND	(130)	[2.570694]
Acetone	ND	(470)	[4.716981]	ND	(2600)	[26.07561]	ND	(6600)	[66.05019]	83 JB	(260)	[2.570694]
Benzene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Bromodichloromethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Bromomethane	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]
Carbon disulfide	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Carbon tetrachloride	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Chlorobenzene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Chloroethane	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]
Chloroform	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Chloromethane	ND	(47)	[4.716981]	ND	(260)	[26.07561]	ND	(660)	[66.05019]	ND	(26)	[2.570694]
Dibromochloromethane	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Ethyl benzene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Methyl ethyl ketone	ND	(470)	[4.716981]	41 J	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Methylene chloride	ND	(24)	[4.716981]	ND	(2600)	[26.07561]	ND	(6600)	[66.05019]	ND	(260)	[2.570694]
Styrene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Tetrachloroethene	ND	(24)	[4.716981]	ND	(130)	[26.07561]	ND	(330)	[66.05019]	ND	(13)	[2.570694]
Toluene	ND	(24)	[4.716981]	170	(130)	[26.07561]	92 J	(330)	[66.05019]	ND	(13)	[2.570694]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 23 March 1995

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				CONCENTRATION (mg/kg)	REMARKS	DETECTION LIMIT	07	
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	07				07	
	07-SD-02 0 - 0.5	07-SS-01 07-SS-01-01 0 - 0.5	07-DS-02 Dup of 07-SS-01-01 0 - 0.5	07-SS-01 07-SS-01-01 0 - 0.5				07-SS-02 07-SS-02-01 0 - 0.5	
Tribromomethane (Bromoform)	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
Trichloroethene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
Vinyl acetate	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
Vinyl chloride	ND	(47) [4.716981]	ND	(260) [26.07561]	ND	(660) [66.05019]	ND	(26) [2.570694]	
Xylenes	ND	(24) [4.716981]	23000	(330) [65.18904]	17000	(330) [66.05019]	ND	(13) [2.570694]	
cis-1,3-Dichloropropene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
trans-1,2-Dichloroethene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
trans-1,3-Dichloropropene	ND	(24) [4.716981]	ND	(130) [26.07561]	ND	(330) [66.05019]	ND	(13) [2.570694]	
SW8270 - Semivolatile Organics									
1,2,4-Trichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
1,2-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
1,3-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
1,4-Dichlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,4,5-Trichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,4,6-Trichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,4-Dichlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,4-Dimethylphenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,4-Dinitrophenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]	
2,4-Dinitrotoluene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2,6-Dinitrotoluene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2-Chloronaphthalene	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2-Chlorophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2-Methylnaphthalene	ND	(4.7) [0.469351]	63	(11) [1.108573]	65	(11) [1.090524]	ND	(8.7) [0.866100]	
2-Methylphenol (o-cresol)	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
2-Nitroaniline	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]	
2-Nitrophenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]	ND	(11) [1.090524]	ND	(8.7) [0.866100]	
3,3'-Dichlorobenzidine	ND	(9.4) [0.469351]	ND	(22) [1.108573]	ND	(22) [1.090524]	ND	(17) [0.866100]	
3-Nitroaniline	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]	
4,6-Dinitro-2-methylphenol	ND	(23) [0.469351]	ND	(55) [1.108573]	ND	(55) [1.090524]	ND	(43) [0.866100]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	07	07	07	07
	07-SD-02	07-SS-01	07-SS-01	07-SS-02
	0 - 0.5	07-SS-01-01	Dup of 07-SS-01-01	07-SS-02-01
		0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	(4.7) [0.469351]	ND	(11) [1.108573]
4-Chloro-3-methylphenol	ND	(4.7) [0.469351]	ND	(11) [1.108573]
4-Chlorophenyl phenyl ether	ND	(4.7) [0.469351]	ND	(11) [1.108573]
4-Methylphenol(p-cresol)	ND	(4.7) [0.469351]	ND	(11) [1.108573]
4-Nitroaniline	ND	(23) [0.469351]	ND	(55) [1.090524]
4-Nitrophenol	ND	(23) [0.469351]	ND	(55) [1.090524]
Acenaphthene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Acenaphthylene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Anthracene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Benzo(a)anthracene	0.24 J	(4.7) [0.469351]	ND	(11) [1.090524]
Benzo(a)pyrene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Benzo(b)fluoranthene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Benzo(g,h,i)perylene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Benzo(k)fluoranthene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Benzoic acid	ND	(23) [0.469351]	ND	(55) [1.090524]
Benzyl alcohol	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Butylbenzylphthalate	0.35 J	(4.7) [0.469351]	ND	(11) [1.090524]
Chrysene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Di-n-octylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Dibenz(a,h)anthracene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Dibenzofuran	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Dibutylphthalate	0.13 J	(4.7) [0.469351]	ND	(11) [1.090524]
Diethylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Dimethylphthalate	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Fluoranthene	0.094 J	(4.7) [0.469351]	ND	(11) [1.090524]
Fluorene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Hexachlorobenzene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Hexachlorobutadiene	ND	(4.7) [0.469351]	ND	(11) [1.090524]
Hexachlorocyclopentadiene	ND	(4.7) [0.469351]	ND	(11) [1.090524]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	07	07	07	07
	07-SD-02	07-SS-01	07-SS-02	07-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	07-SD-02-01	07-SS-01-01	07-SS-02 Dup of 07-SS-01-01	07-SS-02-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Indeno(1,2,3-cd)pyrene	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Isophorone	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
N-Nitrosodiphenylamine	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
N-Nitrosodipropylamine	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Naphthalene	0.21 J	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Nitrobenzene	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Pentachloropheno1	ND	(23) [0.469351]	(55) [1.090524]	(8.7) [0.866100]
Phenanthrene	ND	(4.7) [0.469351]	(11) [1.108573]	(43) [0.866100]
Pheno1	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
Pyrene	0.19 J	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
bis(2-Chloroethoxy)methane	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
bis(2-Chloroethyl)ether	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
bis(2-Chloroisopropyl)ether	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
bis(2-Ethylhexyl)phthalate	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
p-Chloroaniline	ND	(4.7) [0.469351]	(11) [1.108573]	(8.7) [0.866100]
SM8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	ND	(1400) [792.3930]	(350) [195.3125]	(2700) [1510.574]
Acenaphthylene	ND	(1800) [792.3930]	(450) [195.3125]	(3500) [1510.574]
Anthracene	ND	(520) [792.3930]	(130) [195.3125]	(1000) [1510.574]
Benzo(a)anthracene	ND	(10) [792.3930]	(2.5) [195.3125]	(20) [1510.574]
Benzo(a)pyrene	5.6 J	(18) [792.3930]	(4.5) [195.3125]	(35) [1510.574]
Benzo(b)fluoranthene	ND	(14) [792.3930]	(3.5) [195.3125]	(27) [1510.574]
Benzo(g,h,i)perylene	29 J	(60) [792.3930]	(15) [195.3125]	(110) [1510.574]
Benzo(k)fluoranthene	1.3 J	(13) [792.3930]	(3.3) [195.3125]	(26) [1510.574]
Chrysene	ND	(120) [792.3930]	(29) [195.3125]	(230) [1510.574]
Dibenzo(a,h)anthracene	ND	(24) [792.3930]	(5.9) [195.3125]	(45) [1510.574]
Fluoranthene	ND	(170) [792.3930]	(41) [195.3125]	(320) [1510.574]
Fluorene	ND	(170) [792.3930]	(41) [195.3125]	(320) [1510.574]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
Indeno(1,2,3-cd)pyrene	07 07-SD-02 0 - 0.5	07 07-SS-01 0 - 0.5	07 07-SS-02 0 - 0.5	07 07-SS-02 0 - 0.5
	(34) [792.3930]	(8.4) [195.3125]	(8.3) [193.6483]	(65) [1510.574]
	(1400) [792.3930]	(350) [195.3125]	(350) [193.6483]	(2700) [1510.574]
	(510) [792.3930]	(120) [195.3125]	(120) [193.6483]	(970) [1510.574]
Naphthalene	30 J	6.9 J	6 J	ND
	ND	20000	17000	ND
Phenanthrene	ND	1400	1500	ND
	ND	98	95	ND
Pyrene	(210) [792.3930]	(53) [195.3125]	(52) [193.6483]	(410) [1510.574]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	07		07		07		09					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				
SW8015MEMP - Nonhalogenated Volatile Organics												
Diesel Range Organics (2)	21000	(2200)	[11100]	1700	(120)	[625]	44000	(9500)	[47600]	230	(120)	[588]
Gasoline Range Organics (2)	420	(50)	[505]	ND	(65)	[646]	ND	(95)	[947]	ND	(12)	[117]
SW8080 - Organochlorine Pesticides and PCBs												
4,4'-DDD	830	(15)	[1515.151]	210	(2.2)	[215.5172]	1100	(33)	[3278.688]		NA	
4,4'-DDE	45	(0.76)	[75.75757]	12	(2.2)	[215.5172]	76	(1.6)	[163.9344]		NA	
4,4'-DDT	19	(1.5)	[75.75757]	3.6 PJ	(4.3)	[215.5172]	4.2	(3.3)	[163.9344]		NA	
Aldrin	ND	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
Chlordane	ND	(3.8)	[75.75757]	ND	(11)	[215.5172]	ND	(8.2)	[163.9344]		NA	
Dieldrin	ND	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
Endosulfan I	ND	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
Endosulfan II	ND	(2.3)	[75.75757]	3.1 KJ	(6.5)	[215.5172]	ND	(4.9)	[163.9344]		NA	
Endosulfan Sulfate	1.1 JB	(3.8)	[75.75757]	4.9 J	(11)	[215.5172]	3.6 JB	(8.2)	[163.9344]		NA	
Endrin	ND	(0.76)	[75.75757]	2 PJB	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
Endrin Aldehyde	1.4 J	(1.5)	[75.75757]	1.5 KJ	(4.3)	[215.5172]	2.1 KJ	(3.3)	[163.9344]		NA	
Heptachlor	ND	(0.76)	[75.75757]	0.74 KJB	(2.2)	[215.5172]	0.75 KJB	(1.6)	[163.9344]		NA	
Heptachlor epoxide	ND	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
Methoxychlor	ND	(3.8)	[75.75757]	2.1 KJ	(11)	[215.5172]	ND	(8.2)	[163.9344]		NA	
PCB-1016	ND	(7.6)	[75.75757]	ND	(22)	[215.5172]	ND	(16)	[163.9344]		NA	
PCB-1221	ND	(15)	[75.75757]	ND	(43)	[215.5172]	ND	(33)	[163.9344]		NA	
PCB-1232	ND	(15)	[75.75757]	ND	(43)	[215.5172]	ND	(33)	[163.9344]		NA	
PCB-1242	ND	(7.6)	[75.75757]	ND	(22)	[215.5172]	ND	(16)	[163.9344]		NA	
PCB-1248	ND	(7.6)	[75.75757]	ND	(22)	[215.5172]	ND	(16)	[163.9344]		NA	
PCB-1254	ND	(15)	[75.75757]	ND	(43)	[215.5172]	ND	(33)	[163.9344]		NA	
PCB-1260	ND	(15)	[75.75757]	ND	(43)	[215.5172]	ND	(33)	[163.9344]		NA	
Toxaphene	ND	(38)	[75.75757]	ND	(110)	[215.5172]	ND	(82)	[163.9344]		NA	
alpha-BHC	1.8 P	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
beta-BHC	16	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	
delta-BHC	ND	(0.76)	[75.75757]	ND	(2.2)	[215.5172]	ND	(1.6)	[163.9344]		NA	

Compiled: 23 Mar 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	ND	NA
	07		09				
	LOCATION ID	07-SS-04	07-SS-05	09-MW-01			
	SW8240 - Volatile Organics (ug/kg)	07-SS-03-01	07-SS-04-01	07-SS-05-01	09-MW-01-02		
		0 - 0.5	0 - 0.5	0 - 0.5	2 - 3		
		(0.76)	(2.2)	(1.6)			
		[75.75757]	[215.5172]	[163.9344]			
gamma-BHC	5.6		1.9 PJ				
1,1,1-Trichloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,1,2,2-Tetrachloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,1,2-Trichloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,1-Dichloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,1-Dichloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,2-Dichloroethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
1,2-Dichloropropane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
2-Chloroethyl vinyl ether	ND	(51)	(65)	(50)	ND		(12) [1.189060]
2-Hexanone	ND	(250)	(320)	(250)	ND		(59) [1.189060]
4-Methyl-2-pentanone(MIBK)	ND	(250)	(320)	(250)	ND		(59) [1.189060]
Acetone	700	(510)	(650)	(500)	ND		(120) [1.189060]
Benzene	ND	(25)	(32)	(25)	ND	0.16 JB	(5.9) [1.189060]
Bromodichloromethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Bromomethane	ND	(51)	(65)	(50)	ND		(12) [1.189060]
Carbon disulfide	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Carbon tetrachloride	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Chlorobenzene	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Chloroethane	ND	(51)	(65)	(50)	ND		(12) [1.189060]
Chloroform	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Chloromethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Dibromochloromethane	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Ethyl benzene	27	(25)	(32)	(25)	ND		(5.9) [1.189060]
Methyl ethyl ketone	120 J	(510)	(650)	(500)	ND		(120) [1.189060]
Methylene chloride	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Styrene	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Tetrachloroethene	ND	(25)	(32)	(25)	ND		(5.9) [1.189060]
Toluene	5.4 J	(25)	(32)	(25)	ND		(5.9) [1.189060]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	07 07-SS-03 07-SS-03-01 0 - 0.5	07 07-SS-04 07-SS-04-01 0 - 0.5	07 07-SS-05 07-SS-05-01 0 - 0.5	09 09-MW-01 09-MW-01-02 2 - 3
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
Tribromomethane (Bromoform)	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
Trichloroethene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
Vinyl acetate	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
Vinyl chloride	ND	(51) [5.050505]	ND	(65) [6.493506]	ND	(50) [4.950495]	ND	(12) [1.189060]	
Xylenes	300	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	1.3 J	(5.9) [1.189060]	
cis-1,3-Dichloropropene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
trans-1,2-Dichloroethene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
trans-1,3-Dichloropropene	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
SW8270 - Semivolatile Organics (mg/kg)	ND	(25) [5.050505]	ND	(32) [6.493506]	ND	(25) [4.950495]	ND	(5.9) [1.189060]	
1,2,4-Trichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
1,2-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
1,3-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
1,4-Dichlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,4,5-Trichloropheno1	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,4,6-Trichloropheno1	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,4-Dichloropheno1	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,4-Dimethylpheno1	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,4-Dinitrophenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	
2,4-Dinitrotoluene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2,6-Dinitrotoluene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2-Chloronaphthalene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2-Chloropheno1	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2-Methylnaphthalene	0.72 J	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.63 J	(5) [0.495049]	ND	(0.39) [0.039477]	
2-Methylpheno1 (o-cresol)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
2-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	
2-Nitrophenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]	
3,3'-Dichlorobenzidine	ND	(4.5) [0.225245]	ND	(13) [0.645477]	ND	(9.9) [0.495049]	ND	(0.79) [0.039477]	
3-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	
4,6-Dinitro-2-methylpheno1	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	ND	(2) [0.039477]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		09	
	07-SS-03		07-SS-05		09-MW-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	2 - 3
4-Bromophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Chloro-3-methylphenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Chlorophenyl phenyl ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Methylphenol (p-cresol)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
4-Nitroaniline	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(2) [0.039477]
4-Nitrophenol	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(2) [0.039477]
Acenaphthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Acenaphthylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.011 J	(0.39) [0.039477]
Benzo(a)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.048 J	(0.39) [0.039477]
Benzo(a)pyrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.17 J	(0.39) [0.039477]
Benzo(b)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.36 J	(0.39) [0.039477]
Benzo(g,h,i)perylene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.47	(0.39) [0.039477]
Benzo(k)fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.1 J	(0.39) [0.039477]
Benzoic acid	ND	(11) [0.225245]	2 J	(32) [0.645477]	0.44	(0.39) [0.039477]
Benzyl alcohol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(2) [0.039477]
Butylbenzylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Chrysene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Di-n-octylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.36 J	(0.39) [0.039477]
Dibenz(a,h)anthracene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Dibenzofuran	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.057 J	(0.39) [0.039477]
Dibutylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Diethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Dimethylphthalate	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Fluoranthene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.36 J	(0.39) [0.039477]
Fluorene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorobutadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]
Hexachlorocyclopentadiene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(0.39) [0.039477]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	07		07		07		09	
	07-SS-03		07-SS-04		07-SS-05		09-MW-01	
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	2 - 3
	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Hexachloroethane	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Indeno(1,2,3-cd)pyrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.12 J	(5) [0.495049]	0.12 J	(0.39) [0.039477]
Isophorone	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
N-Nitrosodiphenylamine	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
N-Nitrosodipropylamine	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Naphthalene	0.36 J	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Nitrobenzene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Pentachloropheno	ND	(11) [0.225245]	ND	(32) [0.645477]	ND	(25) [0.495049]	0.15 J	(0.39) [0.039477]
Phenanthrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(2) [0.039477]
Phenol	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.15 J	(0.39) [0.039477]
Pyrene	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	0.22 J	(5) [0.495049]	ND	(0.39) [0.039477]
bis(2-Chloroethoxy)methane	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.53	(0.39) [0.039477]
bis(2-Chloroethyl)ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
bis(2-Chloroisopropyl)ether	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
bis(2-Ethylhexyl)phthalate	0.34 J	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
p-Chloroaniline	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	0.98	(0.39) [0.039477]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)	ND	(2.3) [0.225245]	ND	(6.5) [0.645477]	ND	(5) [0.495049]	ND	(0.39) [0.039477]
Acenaphthene	580 J	(680) [378.7878]	200 J	(400) [222.2222]	ND	(1500) [830.5647]	NA	NA
Acenaphthylene	56 J	(870) [378.7878]	ND	(510) [222.2222]	ND	(1900) [830.5647]	NA	NA
Anthracene	ND	(250) [378.7878]	ND	(150) [222.2222]	ND	(550) [830.5647]	NA	NA
Benzo(a)anthracene	ND	(4.9) [378.7878]	2.2 J	(2.9) [222.2222]	ND	(11) [830.5647]	NA	NA
Benzo(a)pyrene	ND	(8.7) [378.7878]	2.4 J	(5.1) [222.2222]	8.4 J	(19) [830.5647]	NA	NA
Benzo(b)fluoranthene	ND	(6.8) [378.7878]	4.7	(4) [222.2222]	ND	(15) [830.5647]	NA	NA
Benzo(g,h,i)perylene	ND	(29) [378.7878]	5.9 J	(17) [222.2222]	33 J	(63) [830.5647]	NA	NA
Benzo(k)fluoranthene	0.48 J	(6.4) [378.7878]	0.96 J	(3.8) [222.2222]	ND	(14) [830.5647]	NA	NA
Chrysene	ND	(57) [378.7878]	ND	(33) [222.2222]	ND	(120) [830.5647]	NA	NA
Dibenzo(a,h)anthracene	ND	(11) [378.7878]	ND	(6.7) [222.2222]	ND	(25) [830.5647]	NA	NA
Fluoranthene	ND	(80) [378.7878]	ND	(47) [222.2222]	ND	(170) [830.5647]	NA	NA
Fluorene	71 J	(80) [378.7878]	15 J	(47) [222.2222]	ND	(170) [830.5647]	NA	NA

PARAMETER	SITE ID				
	LOCATION ID		LOCATION ID		
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	
Indeno(1,2,3-cd)pyrene	ND	(16) [378.7878]	15 (9.6) [222.2222]	49 (36) [830.5647]	NA
Naphthalene	2700	(680) [378.7878]	9 J (400) [222.2222]	ND (1500) [830.5647]	NA
Phenanthrene	310	(240) [378.7878]	ND (140) [222.2222]	ND (530) [830.5647]	NA
Pyrene	ND	(100) [378.7878]	ND (60) [222.2222]	ND (220) [830.5647]	NA

07
07-SS-03
07-SS-03-01
0 - 0.5

07
07-SS-04
07-SS-04-01
0 - 0.5

07
07-SS-05
07-SS-05-01
0 - 0.5

09
09-MW-01
09-MW-01-02
2 - 3

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	09 09-MW-02 09-MW-03-02 2.5 - 4.5	09 09-MW-04 09-MW-05-02 3 - 3.5	09 09-MW-04 09-MW-05-02 2.5 - 4	09 09-MW-04 09-MW-05-02 2.5 - 4
	LOCATION ID		SAMPLE ID						
	ND	(24)	(20)	(25)					
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	ND	[117.6]	[100]	55	ND	[125]	ND	[131]	
Diesel Range Organics (2)	ND	(12)	(11)	ND	ND	[126.9]	ND	[131]	
Gasoline Range Organics (2)	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(26)	
SW8240 - Volatile Organics (ug/kg)	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(13)	
1,1,1-Trichloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,1,2,2-Tetrachloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,1,2-Trichloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,1-Dichloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,1-Dichloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,2-Dichloroethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
1,2-Dichloropropane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
2-Chloroethyl vinyl ether	ND	(240)	(11)	ND	ND	[1.273885]	ND	(13)	
2-Hexanone	ND	(1200)	(53)	ND	ND	[1.273885]	ND	(66)	
4-Methyl-2-pentanone (MIBK)	ND	(1200)	(53)	ND	ND	[1.273885]	ND	(66)	
Acetone	ND	(2400)	(110)	82 JB	ND	[1.273885]	ND	(130)	
Benzene	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Bromodichloromethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Bromomethane	ND	(240)	(11)	ND	ND	[1.273885]	ND	(13)	
Carbon disulfide	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Carbon tetrachloride	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Chlorobenzene	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Chloroethane	ND	(240)	(11)	ND	ND	[1.273885]	ND	(13)	
Chloroform	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Chloromethane	ND	(240)	(11)	ND	ND	[1.273885]	ND	(13)	
Dibromochloromethane	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Ethyl benzene	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	
Methyl ethyl ketone	ND	(2400)	(110)	20 JB	ND	[1.273885]	ND	(130)	
Methylene chloride	ND	(120)	(5.3)	24	ND	[1.273885]	9.8 B	(6.6)	
Styrene	ND	(120)	(5.3)	ND	ND	[1.273885]	ND	(6.6)	

Compiled: 23 May 1995

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)				
	09	09	09	09				
	09-MW-02	09-MW-03	09-MW-04	09-MW-05				
	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02				
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4				
Tetrachloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Toluene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Tribromomethane (Bromoform)	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Trichloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Vinyl acetate	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
Vinyl chloride	ND	(240) [23.95209]	ND	(11) [1.052631]	ND	(13) [1.273885]	ND	(13) [1.324503]
Xylenes	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
cis-1,3-Dichloropropene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
trans-1,2-Dichloroethene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
trans-1,3-Dichloropropene	ND	(120) [23.95209]	ND	(5.3) [1.052631]	ND	(6.4) [1.273885]	ND	(6.6) [1.324503]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,2-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,3-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
1,4-Dichlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4,5-Trichloropheno	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4,6-Trichloropheno	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4-Dichloropheno	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,4-Dimethylpheno	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
2,4-Dinitrotoluene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2,6-Dinitrotoluene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Chloronaphthalene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Chloropheno	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Methylnaphthalene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Methylpheno (o-cresol)	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
2-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]
2-Nitropheno	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]
3,3'-Dichlorobenzidine	ND	(0.79) [0.039407]	ND	(0.7) [0.035029]	ND	(2.5) [0.126377]	ND	(0.88) [0.044032]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	09 09-MW-02 09-MW-03-02 2.5 - 4.5	09 09-MW-03 09-MW-03-02 2.5 - 4	09 09-MW-04 09-MW-04-02 3 - 3.5	09 09-MW-05 09-MW-05-02 2.5 - 4
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
3-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]	
4,6-Dinitro-2-methylphenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]	
4-Bromophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
4-Chloro-3-methylphenol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
4-Chlorophenyl phenyl ether	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
4-Methylphenol(p-cresol)	ND	(0.39) [0.039407]	0.18 J	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
4-Nitroaniline	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]	
4-Nitrophenol	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	ND	(2.2) [0.044032]	
Acenaphthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Acenaphthylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzo(a)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzo(a)pyrene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzo(b)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzo(g,h,i)perylene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzo(k)fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Benzoic acid	ND	(2) [0.039407]	ND	(1.8) [0.035029]	ND	(6.3) [0.126377]	0.092 J	(2.2) [0.044032]	
Benzyl alcohol	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Butylbenzylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Chrysene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Di-n-octylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Dibenz(a,h)anthracene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Dibenzofuran	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Dibutylphthalate	ND	(0.39) [0.039407]	0.045 J	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Diethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Dimethylphthalate	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Fluoranthene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Fluorene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	
Hexachlorobenzene	ND	(0.39) [0.039407]	ND	(0.35) [0.035029]	ND	(1.3) [0.126377]	ND	(0.44) [0.044032]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	09	09	09	09
	09-MW-02	09-MW-03	09-MW-04	09-MW-05
	09-MW-02-02	09-MW-03-02	09-MW-04-02	09-MW-05-02
	2.5 - 4.5	2.5 - 4	3 - 3.5	2.5 - 4
Hexachlorobutadiene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Hexachlorocyclopentadiene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Hexachloroethane	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Indeno(1,2,3-cd)pyrene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Isophorone	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
N-Nitrosodiphenylamine	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
N-Nitrosodipropylamine	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Naphthalene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Nitrobenzene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Pentachlorophenol	ND	(2) [0.039407]	ND	(6.3) [0.126377]
Phenanthrene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Phenol	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
Pyrene	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
bis(2-Chloroethoxy)methane	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
bis(2-Chloroethyl)ether	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
bis(2-Chloroisopropyl)ether	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]
bis(2-Ethylhexyl)phthalate	0.1 JB	(0.39) [0.039407]	ND	(1.3) [0.126377]
p-Chloroaniline	ND	(0.39) [0.039407]	ND	(1.3) [0.126377]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09		09		09		09		09			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	31	(26)	[128]	40	(25)	[123]	320	(45)	[227]	85	(30)	[150]
Gasoline Range Organics (2)	ND	(13)	[126]	ND	(13)	[133]	ND	(13)	[129]	ND	(14)	[144]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	21	(0.42)	[41.56275]	7.5	(0.45)	[44.54342]	44	(3.8)	[380.1992]	15	(0.96)	[96.20935]
4,4'-DDE	5.9	(0.42)	[41.56275]	1.6	(0.45)	[44.54342]	14	(3.8)	[380.1992]	5.7	(0.96)	[96.20935]
4,4'-DDT	37	(0.83)	[41.56275]	7.1	(0.89)	[44.54342]	150	(7.6)	[380.1992]	76	(1.9)	[96.20935]
Aldrin	0.64 B	(0.42)	[41.56275]	1.3	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]
Chlordane	ND	(2.1)	[41.56275]	ND	(2.2)	[44.54342]	ND	(19)	[380.1992]	ND	(4.8)	[96.20935]
Dieldrin	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	1.3	(0.96)	[96.20935]
Endosulfan I	ND	(0.42)	[41.56275]	0.42 KJB	(0.45)	[44.54342]	1.8 KJ	(3.8)	[380.1992]	ND	(0.96)	[96.20935]
Endosulfan II	0.78 KJB	(1.2)	[41.56275]	ND	(1.3)	[44.54342]	ND	(11)	[380.1992]	ND	(2.9)	[96.20935]
Endosulfan Sulfate	0.15 PJB	(2.1)	[41.56275]	0.051 PJB	(2.2)	[44.54342]	7.4 KJ	(19)	[380.1992]	4.6 KJB	(4.8)	[96.20935]
Endrin	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]
Endrin Aldehyde	1.1	(0.83)	[41.56275]	ND	(0.89)	[44.54342]	1.7 KJ	(7.6)	[380.1992]	ND	(1.9)	[96.20935]
Heptachlor	0.75 PB	(0.42)	[41.56275]	1 B	(0.45)	[44.54342]	1.8 KJ	(3.8)	[380.1992]	0.94 KJB	(0.96)	[96.20935]
Heptachlor epoxide	ND	(0.42)	[41.56275]	0.77 PB	(0.45)	[44.54342]	1.7 JB	(3.8)	[380.1992]	0.3 PJB	(0.96)	[96.20935]
Methoxychlor	ND	(2.1)	[41.56275]	ND	(2.2)	[44.54342]	ND	(19)	[380.1992]	ND	(4.8)	[96.20935]
PCB-1016	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]
PCB-1221	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]
PCB-1232	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]
PCB-1242	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]
PCB-1248	ND	(4.2)	[41.56275]	ND	(4.5)	[44.54342]	ND	(38)	[380.1992]	ND	(9.6)	[96.20935]
PCB-1254	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]
PCB-1260	ND	(8.3)	[41.56275]	ND	(8.9)	[44.54342]	ND	(76)	[380.1992]	ND	(19)	[96.20935]
Toxaphene	ND	(21)	[41.56275]	ND	(22)	[44.54342]	ND	(190)	[380.1992]	ND	(48)	[96.20935]
alpha-BHC	ND	(0.42)	[41.56275]	ND	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	1.3	(0.96)	[96.20935]
beta-BHC	0.16 PJB	(0.42)	[41.56275]	0.41 PJB	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]
delta-BHC	0.36 KJB	(0.42)	[41.56275]	0.38 JB	(0.45)	[44.54342]	ND	(3.8)	[380.1992]	ND	(0.96)	[96.20935]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH -	END DEPTH (FT.)						
	09 09-MW-06 09-MW-06-02 4 - 7	09 09-MW-06 Dup of 09-MW-06-02 4 - 7	09 09-SS-01 09-SS-01-01 0 - 0.5	09 09-SS-02 09-SS-02-01 0 - 0.5				
gamma-BHC	ND	(0.42) [41.56275]	ND	(0.45) [44.54342]	ND	(3.8) [380.1992]	1.5	(0.96) [96.20935]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,1,2,2-Tetrachloroethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,1,2-Trichloroethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,1-Dichloroethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,1-Dichloroethene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,2-Dichloroethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
1,2-Dichloropropane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
2-Chloroethyl vinyl ether	ND	(12) [1.246882]	ND	(13) [1.338688]	ND	(13) [1.342281]	ND	(15) [1.488095]
2-Hexanone	ND	(62) [1.246882]	ND	(67) [1.338688]	ND	(67) [1.342281]	ND	(74) [1.488095]
4-Methyl-2-pentanone(MIBK)	ND	(62) [1.246882]	ND	(67) [1.338688]	ND	(67) [1.342281]	ND	(74) [1.488095]
Acetone	ND	(120) [1.246882]	ND	(130) [1.338688]	ND	(130) [1.342281]	ND	(150) [1.488095]
Benzene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	0.58 JB	(6.7) [1.342281]	ND	(7.4) [1.488095]
Bromodichloromethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Bromomethane	ND	(12) [1.246882]	ND	(13) [1.338688]	ND	(13) [1.342281]	ND	(15) [1.488095]
Carbon disulfide	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Carbon tetrachloride	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Chlorobenzene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Chloroethane	ND	(12) [1.246882]	ND	(13) [1.338688]	ND	(13) [1.342281]	ND	(15) [1.488095]
Chloroform	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Chloromethane	ND	(12) [1.246882]	ND	(13) [1.338688]	ND	(13) [1.342281]	ND	(15) [1.488095]
Dibromochloromethane	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Ethyl benzene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Methyl ethyl ketone	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Methylene chloride	3.2 JB	(6.2) [1.246882]	7.4 B	(6.7) [1.338688]	4.7 JB	(6.7) [1.342281]	15	(7.4) [1.488095]
Styrene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Tetrachloroethene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	ND	(6.7) [1.342281]	ND	(7.4) [1.488095]
Toluene	ND	(6.2) [1.246882]	ND	(6.7) [1.338688]	0.85 JB	(6.7) [1.342281]	ND	(7.4) [1.488095]

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	
	09	09	09	09
	09-MW-06	09-MW-06	09-SS-01	09-SS-02
	09-MW-06-02	Dup of 09-MW-06-02	09-SS-01-01	09-SS-02-01
	4 - 7	4 - 7	0 - 0.5	0 - 0.5
Tribromomethane (Bromoform)	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
Trichloroethene	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
Vinyl acetate	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
Vinyl chloride	ND	(12) [1.246882]	(13) [1.338688]	(15) [1.488095]
Xylenes	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
cis-1,3-Dichloropropene	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
trans-1,2-Dichloroethene	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
trans-1,3-Dichloropropene	ND	(6.2) [1.246882]	(6.7) [1.338688]	(7.4) [1.488095]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
1,2-Dichlorobenzene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
1,3-Dichlorobenzene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
1,4-Dichlorobenzene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,4,5-Trichloropheno1	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,4,6-Trichloropheno1	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,4-Dichloropheno1	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,4-Dimethylpheno1	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,4-Dinitrophenol	ND	(2.1) [0.042484]	(2.1) [0.041029]	(2.5) [0.049603]
2,4-Dinitrotoluene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2,6-Dinitrotoluene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2-Chloronaphthalene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2-Chloropheno1	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2-Methylnaphthalene	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2-Methylpheno1 (o-cresol)	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
2-Nitroaniline	ND	(2.1) [0.042484]	(2.1) [0.041029]	(2.5) [0.049603]
2-Nitrophenol	ND	(0.42) [0.042484]	(0.41) [0.041029]	(0.5) [0.049603]
3,3'-Dichlorobenzidine	ND	(0.85) [0.042484]	(0.82) [0.041029]	(0.99) [0.049603]
3-Nitroaniline	ND	(2.1) [0.042484]	(2.1) [0.041029]	(2.5) [0.049603]
4,6-Dinitro-2-methylpheno1	ND	(2.1) [0.042484]	(2.1) [0.041029]	(2.5) [0.049603]

Compiled: 23 May 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	09		09		09	
	09-MW-06	09-MW-06	09-MW-06	09-SS-01	09-SS-01	09-SS-02
	09-MW-06-02 4 - 7	09-MW-06 Dup of 09-MW-06-02 4 - 7	09-DS-01 Dup of 09-MW-06-02 4 - 7	09-SS-01-01 0 - 0.5	09-SS-01-01 0 - 0.5	09-SS-02-01 0 - 0.5
SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
4-Bromophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
4-Chloro-3-methylphenol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
4-Chlorophenyl phenyl ether	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
4-Methylphenol (p-cresol)	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
4-Nitroaniline	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]
4-Nitrophenol	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]
Acenaphthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Acenaphthylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzo(a)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzo(a)pyrene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzo(b)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzo(g,h,i)perylene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzo(k)fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Benzoic acid	ND	(2.1) [0.042484]	ND	(2.1) [0.041029]	ND	(1.9) [0.037968]
Benzyl alcohol	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Butylbenzylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Chrysene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Di-n-octylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Dibenz(a,h)anthracene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Dibenzofuran	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Dibutylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Diethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Dimethylphthalate	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Fluoranthene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Fluorene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Hexachlorobenzene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Hexachlorobutadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]
Hexachlorocyclopentadiene	ND	(0.42) [0.042484]	ND	(0.41) [0.041029]	ND	(0.38) [0.037968]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	09-MW-06	09-MW-06	09-SS-01	09-SS-02
	09-MW-06-02	Dup of 09-MW-06-02	09-SS-01-01	09-SS-02-01
	4 - 7	4 - 7	0 - 0.5	0 - 0.5
Hexachloroethane	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Indeno(1,2,3-cd)pyrene	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Isophorone	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
N-Nitrosodiphenylamine	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
N-Nitrosodipropylamine	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Naphthalene	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Nitrobenzene	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Pentachloropheno	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Phenanthrene	ND	(2.1) [0.041029]	(1.9) [0.037968]	(2.5) [0.049603]
Pheno	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
Pyrene	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
bis(2-Chloroethoxy)methane	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
bis(2-Chloroethyl)ether	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
bis(2-Chloroisopropyl)ether	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
bis(2-Ethylhexyl)phthalate	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]
p-Chloroaniline	ND	(0.41) [0.041029]	(0.38) [0.037968]	(0.5) [0.049603]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	09		10		10		10		10			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	09-SS-03	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01	10-MW-01		
	09-SS-03-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01	10-MW-01-01		
	0 - 0.5	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	3 - 6	4 - 5.5		

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	48	(28)	[139]	ND	(26)	[128.2]	34	(25)	[125]	92	(26)	[131.6]
Gasoline Range Organics (2)	ND	(13)	[133]	47	(12)	[124.9]	53	(12)	[124]	5000	(1300)	[13280]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	42	(0.46)	[46.26630]	10	(0.43)	[43.27131]	19	(0.42)	[42.22972]	290	(6.6)	[663.1299]
4,4'-DDE	13	(0.46)	[46.26630]	4.4	(0.43)	[43.27131]	4.1	(0.42)	[42.22972]	19	(1.3)	[132.6259]
4,4'-DDT	53	(0.93)	[46.26630]	29	(0.87)	[43.27131]	49	(0.84)	[42.22972]	89	(2.7)	[132.6259]
Aldrin	ND	(0.46)	[46.26630]	0.5 B	(0.43)	[43.27131]	0.49 B	(0.42)	[42.22972]	1.3	(1.3)	[132.6259]
Chlordane	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND	(6.6)	[132.6259]
Dieldrin	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.34 KJB	(0.42)	[42.22972]	ND	(1.3)	[132.6259]
Endosulfan I	ND	(0.46)	[46.26630]	0.092 PJB	(0.43)	[43.27131]	0.16 JB	(0.42)	[42.22972]	ND	(1.3)	[132.6259]
Endosulfan II	0.33 KJB	(1.4)	[46.26630]	ND	(1.3)	[43.27131]	ND	(1.3)	[42.22972]	ND	(4)	[132.6259]
Endosulfan Sulfate	ND	(2.3)	[46.26630]	1.6 JB	(2.2)	[43.27131]	9.3	(2.1)	[42.22972]	ND	(6.6)	[132.6259]
Endrin	ND	(0.46)	[46.26630]	2.2 B	(0.43)	[43.27131]	2.9	(0.42)	[42.22972]	14	(1.3)	[132.6259]
Endrin Aldehyde	0.47 KJB	(0.93)	[46.26630]	ND	(0.87)	[43.27131]	ND	(0.84)	[42.22972]	0.81 KJ	(2.7)	[132.6259]
Heptachlor	0.022 PJB	(0.46)	[46.26630]	0.12 KJB	(0.43)	[43.27131]	0.15 KJB	(0.42)	[42.22972]	0.21 KJB	(1.3)	[132.6259]
Heptachlor epoxide	0.4 PJB	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	0.061 KJB	(1.3)	[132.6259]
Methoxychlor	ND	(2.3)	[46.26630]	ND	(2.2)	[43.27131]	ND	(2.1)	[42.22972]	ND	(6.6)	[132.6259]
PCB-1016	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND	(13)	[132.6259]
PCB-1221	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND	(27)	[132.6259]
PCB-1232	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND	(27)	[132.6259]
PCB-1242	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND	(13)	[132.6259]
PCB-1248	ND	(4.6)	[46.26630]	ND	(4.3)	[43.27131]	ND	(4.2)	[42.22972]	ND	(13)	[132.6259]
PCB-1254	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND	(27)	[132.6259]
PCB-1260	ND	(9.3)	[46.26630]	ND	(8.7)	[43.27131]	ND	(8.4)	[42.22972]	ND	(27)	[132.6259]
Toxaphene	ND	(23)	[46.26630]	ND	(22)	[43.27131]	ND	(21)	[42.22972]	ND	(66)	[132.6259]
alpha-BHC	0.93 B	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	0.59 PB	(0.42)	[42.22972]	ND	(1.3)	[132.6259]
beta-BHC	3.4	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	5.7	(1.3)	[132.6259]
delta-BHC	ND	(0.46)	[46.26630]	ND	(0.43)	[43.27131]	ND	(0.42)	[42.22972]	ND	(1.3)	[132.6259]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	10	10	10	10
	09	10							
gamma-BHC	09-SS-03	10-MW-01	10-DS-01 Dup of 10-MW-01-01	10-MW-01	10-MW-02	10-MW-02	10-MW-02	10-MW-02	10-MW-02
SW8240 - Volatile Organics (ug/kg)	09-SS-03-01	10-MW-01-01	10-SS-03-01	10-MW-01-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01	10-MW-02-01
	0 - 0.5	3 - 6	0 - 0.5	3 - 6	3 - 6	4 - 5.5	4 - 5.5	4 - 5.5	4 - 5.5

1,1,1-Trichloroethane	ND	(0.46) [46.26630]	ND	(0.43) [43.27131]	ND	(0.42) [42.22972]	ND	(1.3) [132.6259]	ND
1,1,2,2-Tetrachloroethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
1,1,2-Trichloroethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	2600	(1300) [266.6666]	ND
1,1-Dichloroethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
1,1-Dichloroethene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
1,2-Dichloroethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
1,2-Dichloropropane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
2-Chloroethyl vinyl ether	ND	(14) [1.388888]	ND	(260) [25.97402]	ND	(13) [1.270648]	ND	(1300) [266.6666]	ND
2-Hexanone	ND	(69) [1.388888]	120 J	(1300) [25.97402]	ND	(64) [1.270648]	ND	(2700) [266.6666]	ND
4-Methyl-2-pentanone(MIBK)	ND	(69) [1.388888]	ND	(1300) [25.97402]	ND	(64) [1.270648]	ND	(13000) [266.6666]	ND
Acetone	ND	(140) [1.388888]	1000 J	(2600) [25.97402]	6.5 JB	(130) [1.270648]	ND	(27000) [266.6666]	ND
Benzene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	730 J	(1300) [266.6666]	ND
Bromodichloromethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Bromomethane	ND	(14) [1.388888]	ND	(260) [25.97402]	ND	(13) [1.270648]	ND	(2700) [266.6666]	ND
Carbon disulfide	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Carbon tetrachloride	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Chlorobenzene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Chloroethane	ND	(14) [1.388888]	ND	(260) [25.97402]	ND	(13) [1.270648]	ND	(2700) [266.6666]	ND
Chloroform	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	970 J	(1300) [266.6666]	ND
Chloromethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(2700) [266.6666]	ND
Dibromochloromethane	ND	(14) [1.388888]	ND	(260) [25.97402]	ND	(13) [1.270648]	ND	(1300) [266.6666]	ND
Ethyl benzene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(2700) [266.6666]	ND
Methyl ethyl ketone	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Methylene chloride	ND	(140) [1.388888]	570 J	(2600) [25.97402]	ND	(130) [1.270648]	9200	(1300) [266.6666]	ND
Styrene	54	(6.9) [1.388888]	ND	(130) [25.97402]	16	(6.4) [1.270648]	ND	(27000) [266.6666]	ND
Tetrachloroethane	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	ND	(1300) [266.6666]	ND
Toluene	ND	(6.9) [1.388888]	ND	(130) [25.97402]	ND	(6.4) [1.270648]	11000	(1300) [266.6666]	ND

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	09		10		10	
	09-SS-03-01		10-MW-01		10-MW-02	
	0 - 0.5		3 - 6		4 - 5.5	
	09-SS-03-01		10-MW-01-01		10-MW-02-01	
BEG. DEPTH - END DEPTH (FT.)						
SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						
10-DS-01 Dup of 10-MW-01-01						
3 - 6						
10-MW-01						
3 - 6						
10-MW-02						
4 - 5.5						
Tribromomethane (Bromoform)	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
Trichloroethene	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
Vinyl acetate	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
Vinyl chloride	ND	(14) [1.388888]	(260) [25.97402]	ND	(13) [1.270648]	(2700) [266.6666]
Xylenes	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
cis-1,3-Dichloropropene	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
trans-1,2-Dichloroethene	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
trans-1,3-Dichloropropene	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
SW8270 - Semivolatile Organics (mg/kg)	ND	(6.9) [1.388888]	(130) [25.97402]	ND	(6.4) [1.270648]	(1300) [266.6666]
1,2,4-Trichlorobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
1,2-Dichlorobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
1,3-Dichlorobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
1,4-Dichlorobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,4,5-Trichloropheno	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,4,6-Trichloropheno	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,4-Dichloropheno	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,4-Dimethylpheno	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,4-Dinitrophenol	ND	(2.3) [0.046296]	(2.2) [0.043218]	ND	(2.1) [0.042256]	(2.2) [0.044252]
2,4-Dinitrotoluene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2,6-Dinitrotoluene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2-Chloronaphthalene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2-Chloropheno	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2-Methylnaphthalene	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2-Methylpheno (o-cresol)	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
2-Nitroaniline	ND	(2.3) [0.046296]	(2.2) [0.043218]	ND	(2.1) [0.042256]	(2.2) [0.044252]
2-Nitrophenol	ND	(0.46) [0.046296]	(0.43) [0.043218]	ND	(0.42) [0.042256]	(0.44) [0.044252]
3,3'-Dichlorobenzidine	ND	(0.93) [0.046296]	(0.86) [0.043218]	ND	(0.85) [0.042256]	(0.89) [0.044252]
3-Nitroaniline	ND	(2.3) [0.046296]	(2.2) [0.043218]	ND	(2.1) [0.042256]	(2.2) [0.044252]
4,6-Dinitro-2-methylpheno	ND	(2.3) [0.046296]	(2.2) [0.043218]	ND	(2.1) [0.042256]	(2.2) [0.044252]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	09		10		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	09-SS-03	10-MW-01	10-MW-01	10-MW-02	
	09-SS-03-01	10-MW-01-01	10-MW-01 Dup of 10-MW-01-01	10-MW-02-01	
	0 - 0.5	3 - 6	3 - 6	4 - 5.5	
4-Bromophenyl phenyl ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
4-Chloro-3-methylphenol	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
4-Chlorophenyl phenyl ether	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
4-Methylphenol (p-cresol)	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.085 J
4-Nitroaniline	ND	(2.3) [0.046296]	(2.2) [0.043218]	(2.2) [0.044252]	ND
4-Nitrophenol	ND	(2.3) [0.046296]	(2.2) [0.043218]	(2.2) [0.044252]	ND
Acenaphthene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Acenaphthylene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Anthracene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Benzo(a)anthracene	0.043 J	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.038 J
Benzo(a)pyrene	0.051 J	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.044 J
Benzo(b)fluoranthene	0.039 JF	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.031 J
Benzo(g,h,i)perylene	0.034 JB	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.036 J
Benzo(k)fluoranthene	0.039 JF	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Benzoic acid	ND	(2.3) [0.046296]	(2.2) [0.043218]	(2.2) [0.044252]	0.02 J
Benzyl alcohol	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Butylbenzylphthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Chrysene	0.076 J	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.038 J
Di-n-octylphthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Dibenz(a,h)anthracene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Dibenzofuran	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Dibutylphthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.016 J
Diethylphthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Dimethylphthalate	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Fluoranthene	0.11 J	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.097 J
Fluorene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	0.023 J
Hexachlorobenzene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Hexachlorobutadiene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND
Hexachlorocyclopentadiene	ND	(0.46) [0.046296]	(0.43) [0.043218]	(0.44) [0.044252]	ND

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	09	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	4 - 5.5
Hexachloroethane	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
Indeno(1,2,3-cd)pyrene	0.027 JB	(0.43) [0.043218]	ND	(0.44) [0.044252]
Isophorone	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
N-Nitrosodiphenylamine	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
N-Nitrosodipropylamine	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
Naphthalene	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
Nitrobenzene	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
Pentachloropheno1	ND	(2.2) [0.043218]	ND	(2.2) [0.044252]
Phenanthrene	0.071 J	(0.43) [0.043218]	ND	(0.44) [0.044252]
Phenol	ND	(0.43) [0.043218]	0.014 J	(0.44) [0.044252]
Pyrene	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
bis(2-Chloroethoxy)methane	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
bis(2-Chloroethyl)ether	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
bis(2-Chloroisopropyl)ether	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
bis(2-Ethylhexyl)phthalate	ND	(0.43) [0.043218]	0.019 JB	(0.44) [0.044252]
p-Chloroaniline	ND	(0.43) [0.043218]	ND	(0.44) [0.044252]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	18 J	(230) [129.8701]	ND	(240) [133.3333]
Acenaphthylene	ND	(300) [129.8701]	ND	(310) [133.3333]
Anthracene	ND	(86) [129.8701]	ND	(88) [133.3333]
Benzo(a)anthracene	5.4	(1.7) [129.8701]	18	(1.7) [133.3333]
Benzo(a)pyrene	7.6	(3) [129.8701]	7.3	(3.1) [133.3333]
Benzo(b)fluoranthene	11	(2.3) [129.8701]	26	(2.4) [133.3333]
Benzo(g,h,i)perylene	29	(9.9) [129.8701]	40	(10) [133.3333]
Benzo(k)fluoranthene	4.2	(2.2) [129.8701]	5.3	(2.3) [133.3333]
Chrysene	ND	(19) [129.8701]	29	(20) [133.3333]
Dibenzo(a,h)anthracene	1.6 J	(3.9) [129.8701]	4.2	(4) [133.3333]
Fluoranthene	15 J	(27) [129.8701]	95	(28) [133.3333]
Fluorene	ND	(27) [129.8701]	ND	(28) [133.3333]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	10-DS-01 3 - 6	10-MW-01 3 - 6	10-MW-01 Dup of 10-MW-01-01 3 - 6	10-MW-02 4 - 5.5
	LOCATION ID	SAMPLE ID					
	09	10					
Indeno(1,2,3-cd)pyrene	NA	(5.6) [129.8701]	21	(5.4) [126.5822]	20	(5.7) [133.3333]	
Naphthalene	NA	(230) [129.8701]	ND	(230) [126.5822]	ND	(240) [133.3333]	
Phenanthrene	NA	(83) [129.8701]	98	(81) [126.5822]	190	(85) [133.3333]	
Pyrene	NA	(35) [129.8701]	27 J	(34) [126.5822]	36	(36) [133.3333]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	10					10				
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	10-NW-03	10-SB-01	10-SB-01-01	10-SB-01-02	10-SB-01-02	10-SB-01	10-SB-01-02	10-SB-02-01	10-SB-02-01	10-SB-02
	4 - 6	2 - 4	2 - 4	5 - 7	5 - 7	1 - 3	1 - 3	1 - 3	1 - 3	1 - 3
	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	30	(25)	[126.6]	(22)	[111]	31	(26)	[129.9]	(2200)	[11236]
Diesel Range Organics (2)	14 B	(14)	[135.8]	(11)	[106.3]	ND	(13)	[125.5]	(56)	[555]
Gasoline Range Organics (2)	4.8	(1.4)	[136.0544]	(1.8)	[184.5699]	ND	(0.43)	[43.15925]	(3.8)	[377.5009]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	2.3	(1.4)	[136.0544]	(0.37)	[36.91399]	0.94	(0.43)	[43.15925]	(3.8)	[377.5009]
4,4'-DDD	21	(2.7)	[136.0544]	(3.7)	[184.5699]	7.3	(0.86)	[43.15925]	(7.6)	[377.5009]
4,4'-DDE	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
4,4'-DDT	ND	(6.8)	[136.0544]	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	(1.9)	[37.75009]
Aldrin	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Chlordane	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Dieldrin	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Endosulfan I	0.19 JB	(4.1)	[136.0544]	(1.1)	[36.91399]	ND	(1.3)	[43.15925]	(1.1)	[37.75009]
Endosulfan II	ND	(6.8)	[136.0544]	(1.8)	[36.91399]	ND	(2.2)	[43.15925]	(1.9)	[37.75009]
Endosulfan Sulfate	11	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Endrin	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Endrin Aldehyde	0.17 KJB	(2.7)	[136.0544]	(0.74)	[36.91399]	ND	(0.86)	[43.15925]	(0.76)	[37.75009]
Heptachlor	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
Heptachlor epoxide	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	0.15 PJB	(0.43)	[43.15925]	(0.38)	[37.75009]
Methoxychlor	ND	(6.8)	[136.0544]	(1.8)	[36.91399]	1.6 KJ	(2.2)	[43.15925]	(1.9)	[37.75009]
PCB-1016	ND	(14)	[136.0544]	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	(3.8)	[37.75009]
PCB-1221	ND	(27)	[136.0544]	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	(7.6)	[37.75009]
PCB-1232	ND	(27)	[136.0544]	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	(7.6)	[37.75009]
PCB-1242	ND	(14)	[136.0544]	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	(3.8)	[37.75009]
PCB-1248	ND	(14)	[136.0544]	(3.7)	[36.91399]	ND	(4.3)	[43.15925]	(3.8)	[37.75009]
PCB-1254	ND	(27)	[136.0544]	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	(7.6)	[37.75009]
PCB-1260	ND	(27)	[136.0544]	(7.4)	[36.91399]	ND	(8.6)	[43.15925]	(7.6)	[37.75009]
Toxaphene	ND	(68)	[136.0544]	(18)	[36.91399]	ND	(22)	[43.15925]	(19)	[37.75009]
alpha-BHC	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	ND	(0.43)	[43.15925]	(0.38)	[37.75009]
beta-BHC	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	0.72 P	(0.43)	[43.15925]	(0.38)	[37.75009]
delta-BHC	ND	(1.4)	[136.0544]	(0.37)	[36.91399]	1.2 B	(0.43)	[43.15925]	(0.38)	[37.75009]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
	10	10	10	10
	10-MW-03	10-SB-01	10-SB-01	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-02	10-SB-02-01
	4 - 6	2 - 4	5 - 7	1 - 3
gamma-BHC	ND	(0.37) [36.91399]	ND	(0.43) [43.15925]
SW8240 - Volatile Organics (ug/kg)				
1,1,1-Trichloroethane	ND	(1.4) [136.0544]	ND	(0.38) [37.75009]
1,1,2,2-Tetrachloroethane	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
1,1,2-Trichloroethane	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
1,1-Dichloroethane	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
1,1-Dichloroethene	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
1,2-Dichloroethane	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
1,2-Dichloropropane	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
2-Chloroethyl vinyl ether	ND	(14) [1.377410]	ND	(1100) [226.5005]
2-Hexanone	ND	(69) [1.377410]	ND	(1100) [226.5005]
4-Methyl-2-pentanone(MIBK)	ND	(69) [1.377410]	ND	(2300) [226.5005]
Acetone	ND	(140) [1.377410]	ND	(11000) [226.5005]
Benzene	ND	(6.9) [1.377410]	ND	(11000) [226.5005]
Bromodichloromethane	ND	(6.9) [1.377410]	ND	(23000) [226.5005]
Bromomethane	ND	(14) [1.377410]	ND	(1100) [226.5005]
Carbon disulfide	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
Carbon tetrachloride	ND	(6.9) [1.377410]	ND	(2300) [226.5005]
Chlorobenzene	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
Chloroethane	ND	(14) [1.377410]	ND	(1100) [226.5005]
Chloroform	ND	(6.9) [1.377410]	ND	(2300) [226.5005]
Chloromethane	ND	(14) [1.377410]	ND	(1100) [226.5005]
Dibromochloromethane	ND	(6.9) [1.377410]	ND	(2300) [226.5005]
Ethyl benzene	3.1 J	(6.9) [1.377410]	ND	(1100) [226.5005]
Methyl ethyl ketone	ND	(140) [1.377410]	ND	(1100) [226.5005]
Methylene chloride	2.7 JB	(6.9) [1.377410]	ND	(23000) [226.5005]
Styrene	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
Tetrachloroethene	ND	(6.9) [1.377410]	ND	(1100) [226.5005]
Toluene	11	(6.9) [1.377410]	ND	(1100) [226.5005]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION (mg/kg)	DETECTION LIMIT	FACTOR	STATUS	APPLICABILITY		
	10		10									
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID								
Tribromomethane(Bromoform)	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
Trichloroethene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
Vinyl acetate	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
Vinyl chloride	ND	(14) [1.377410]	ND	(11) [1.111111]	ND	[0.36852]	(0.37)	ND	(13) [1.298701]	ND	(2300) [226.5005]	
Xylenes	330	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	24000	(6.5) [1.298701]	24000	(1100) [226.5005]	
cis-1,3-Dichloropropene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
trans-1,2-Dichloroethene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
trans-1,3-Dichloropropene	ND	(6.9) [1.377410]	ND	(5.6) [1.111111]	ND	[0.36852]	(0.37)	ND	(6.5) [1.298701]	ND	(1100) [226.5005]	
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
1,2-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
1,3-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
1,4-Dichlorobenzene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,4,5-Trichloropheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,4,6-Trichloropheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,4-Dichloropheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,4-Dimethylpheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,4-Dinitrophenol	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	[0.043189]	(2.2)	ND	(2.2) [0.043189]	ND	(54) [1.078574]	
2,4-Dinitrotoluene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2,6-Dinitrotoluene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2-Chloronaphthalene	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2-Chloropheno1	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2-Methylnaphthalene	ND	(0.46) [0.045883]	0.024 J	(0.37) [0.036852]	ND	[0.043189]	(0.43)	130	(0.43) [0.043189]	130	(11) [1.078574]	
2-Methylpheno1(o-cresol)	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
2-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	[0.043189]	(2.2)	ND	(2.2) [0.043189]	ND	(54) [1.078574]	
2-Nitrophenol	ND	(0.46) [0.045883]	ND	(0.37) [0.036852]	ND	[0.043189]	(0.43)	ND	(0.43) [0.043189]	ND	(11) [1.078574]	
3,3'-Dichlorobenzidine	ND	(0.92) [0.045883]	ND	(0.74) [0.036852]	ND	[0.043189]	(0.86)	ND	(0.86) [0.043189]	ND	(22) [1.078574]	
3-Nitroaniline	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	[0.043189]	(2.2)	ND	(2.2) [0.043189]	ND	(54) [1.078574]	
4,6-Dinitro-2-methylpheno1	ND	(2.3) [0.045883]	ND	(1.8) [0.036852]	ND	[0.043189]	(2.2)	ND	(2.2) [0.043189]	ND	(54) [1.078574]	

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		10	
	10-MW-03 4 - 6	10-SB-01 2 - 4	10-SB-01 5 - 7	10-SB-02 1 - 3
	10-MW-03-01 4 - 6	10-SB-01-01 2 - 4	10-SB-01-02 5 - 7	10-SB-02-01 1 - 3
4-Bromophenyl phenyl ether	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
4-Chloro-3-methylphenol	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
4-Chlorophenyl phenyl ether	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
4-Methylphenol(p-cresol)	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
4-Nitroaniline	ND	(1.8) [0.036852]	(2.2) [0.043189]	(54) [1.078574]
4-Nitrophenol	ND	(1.8) [0.036852]	(2.2) [0.043189]	(54) [1.078574]
Acenaphthene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Acenaphthylene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Anthracene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzo(a)anthracene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzo(a)pyrene	0.011 J	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzo(b)fluoranthene	0.02 JF	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzo(g,h,i)perylene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzo(k)fluoranthene	0.02 JF	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Benzoic acid	ND	(1.8) [0.036852]	(2.2) [0.043189]	(54) [1.078574]
Benzyl alcohol	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Butylbenzylphthalate	0.058 J	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Chrysene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Di-n-octylphthalate	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Dibenz(a,h)anthracene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Dibenzofuran	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Dibutylphthalate	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Diethylphthalate	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Dimethylphthalate	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Fluoranthene	0.01 J	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Fluorene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Hexachlorobenzene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Hexachlorobutadiene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Hexachlorocyclopentadiene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		10	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-03	10-SB-01	10-SB-01	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-02	10-SB-02-01
	4 - 6	2 - 4	5 - 7	1 - 3
	BEG. DEPTH - END DEPTH (FT.)			
Hexachloroethane	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Indeno(1,2,3-cd)pyrene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Isophorone	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
N-Nitrosodiphenylamine	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
N-Nitrosodipropylamine	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Naphthalene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Nitrobenzene	ND	(0.37) [0.036852]	(0.43) [0.043189]	(11) [1.078574]
Pentachloropheno1	ND	(2.3) [0.045883]	(2.2) [0.043189]	(54) [1.078574]
Phenanthrene	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
Phenol	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
Pyrene	0.013 J	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
bis(2-Chloroethoxy)methane	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
bis(2-Chloroethyl)ether	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
bis(2-Chloroisopropyl)ether	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
bis(2-Ethylhexyl)phthalate	0.052 JB	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
p-Chloroaniline	ND	(0.46) [0.045883]	(0.43) [0.043189]	(11) [1.078574]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)				
Acenaphthene	58 J	(200) [111.1111]	(230) [129.8701]	(200) [113.6363]
Acenaphthylene	ND	(260) [111.1111]	(300) [129.8701]	(260) [113.6363]
Anthracene	ND	(73) [111.1111]	(86) [129.8701]	(75) [113.6363]
Benzo(a)anthracene	0.61 J	(1.4) [111.1111]	(1.7) [129.8701]	(1.5) [113.6363]
Benzo(a)pyrene	0.9 J	(26) [111.1111]	(3) [129.8701]	(2.6) [113.6363]
Benzo(b)fluoranthene	5.5	(2) [111.1111]	(2.3) [129.8701]	(2) [113.6363]
Benzo(g,h,i)perylene	16	(84) [111.1111]	(9.9) [129.8701]	(8.6) [113.6363]
Benzo(k)fluoranthene	0.45 J	(19) [111.1111]	(2.2) [129.8701]	(1.9) [113.6363]
Chrysene	ND	(17) [111.1111]	(19) [129.8701]	(17) [113.6363]
Dibenzo(a,h)anthracene	ND	(3.3) [111.1111]	(3.9) [129.8701]	(3.4) [113.6363]
Fluoranthene	ND	(23) [111.1111]	(27) [129.8701]	(24) [113.6363]
Fluorene	ND	(23) [111.1111]	(27) [129.8701]	(1200) [5682]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	SITE ID											
	10	10	10									
	10-MW-03	10-SB-01	10-SB-02		10-SB-01	10-SB-02		10-SB-01	10-SB-02		10-SB-01	10-SB-02
	10-MW-03-01	10-SB-01-01	10-SB-01-02		10-SB-01-02	10-SB-02-01		10-SB-01-02	10-SB-02-01		10-SB-01-02	10-SB-02-01
	4 - 6	2 - 4	5 - 7		5 - 7	1 - 3		5 - 7	1 - 3		5 - 7	1 - 3
Indeno(1,2,3-cd)pyrene	ND	(5.9) [136.9863]	2 J	(4.8) [111.1111]	ND	(5.6) [129.8701]	6.8	(4.9) [113.6363]			(4.9) [113.6363]	
Naphthalene	ND	(250) [136.9863]	ND	(200) [111.1111]	ND	(230) [129.8701]	86000	(10000) [5682]			(10000) [5682]	
Phenanthrene	220	(88) [136.9863]	40 J	(71) [111.1111]	140	(83) [129.8701]	100	(73) [113.6363]			(73) [113.6363]	
Pyrene	9.4 J	(37) [136.9863]	8.9 J	(30) [111.1111]	ND	(35) [129.8701]	26 J	(31) [113.6363]			(31) [113.6363]	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						PARAMETER	SITE ID					
	10			10				10			10		
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)		LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)													
Diesel Range Organics (2)	36	(26)	[131.6]	110	(42)	[210.5]	87000	(620)	[30866]	ND	(26)	[128]	
Gasoline Range Organics (2)	78	(13)	[133.2]	91	(11)	[110]	11000	(2600)	[26284]	81	(11)	[110]	
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)													
4,4'-DDD	0.72 B	(0.45)	[44.54342]	220	(5.5)	[546.4480]	50	(1.3)	[132.8021]	1.9 P	(1.3)	[129.3661]	
4,4'-DDE	0.59	(0.45)	[44.54342]	17	(1.1)	[109.2896]	7.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
4,4'-DDT	1.7	(0.89)	[44.54342]	210	(2.2)	[109.2896]	11	(2.7)	[132.8021]	ND	(2.6)	[129.3661]	
Aldrin	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
Chlordane	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]	
Dieldrin	0.29 JB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	1.1 KJ	(1.3)	[132.8021]	0.71 PJ	(1.3)	[129.3661]	
Endosulfan I	0.03 KJB	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	0.27 PJB	(1.3)	[132.8021]	0.73 KJB	(1.3)	[129.3661]	
Endosulfan II	ND	(1.3)	[44.54342]	ND	(3.3)	[109.2896]	ND	(4)	[132.8021]	ND	(3.9)	[129.3661]	
Endosulfan Sulfate	3.9 PB	(2.2)	[44.54342]	5.4 J	(5.5)	[109.2896]	4.5 JB	(6.6)	[132.8021]	ND	(6.5)	[129.3661]	
Endrin	0.72 PB	(0.45)	[44.54342]	12	(1.1)	[109.2896]	8.9	(1.3)	[132.8021]	8.5	(1.3)	[129.3661]	
Endrin Aldehyde	ND	(0.89)	[44.54342]	ND	(2.2)	[109.2896]	ND	(2.7)	[132.8021]	ND	(2.6)	[129.3661]	
Heptachlor	0.21 KJB	(0.45)	[44.54342]	0.18 KJB	(1.1)	[109.2896]	0.52 KJB	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
Heptachlor epoxide	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
Methoxychlor	ND	(2.2)	[44.54342]	ND	(5.5)	[109.2896]	ND	(6.6)	[132.8021]	ND	(6.5)	[129.3661]	
PCB-1016	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]	
PCB-1221	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]	
PCB-1232	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]	
PCB-1242	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]	
PCB-1248	ND	(4.5)	[44.54342]	ND	(11)	[109.2896]	ND	(13)	[132.8021]	ND	(13)	[129.3661]	
PCB-1254	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]	
PCB-1260	ND	(8.9)	[44.54342]	ND	(22)	[109.2896]	ND	(27)	[132.8021]	ND	(26)	[129.3661]	
Toxaphene	ND	(22)	[44.54342]	ND	(55)	[109.2896]	ND	(66)	[132.8021]	ND	(65)	[129.3661]	
alpha-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
beta-BHC	1.1 B	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	ND	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	
delta-BHC	ND	(0.45)	[44.54342]	ND	(1.1)	[109.2896]	3.5	(1.3)	[132.8021]	ND	(1.3)	[129.3661]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)				
	10	10	10	10				
	10-SB-02	10-SB-03	10-SB-03	10-SB-03				
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5				
gamma-BHC	ND	(0.45) [44.54342]	ND	(1.1) [109.2896]	ND	(1.3) [132.8021]	ND	(1.3) [129.3661]
SW8240 - Volatile Organics (ug/kg)								
1,1,1-Trichloroethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,1,2,2-Tetrachloroethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,1,2-Trichloroethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,1-Dichloroethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,1-Dichloroethene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,2-Dichloroethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
1,2-Dichloropropane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
2-Chloroethyl vinyl ether	ND	(270) [26.77376]	ND	(2200) [219.7802]	ND	(2700) [268.0965]	ND	(650) [65.10416]
2-Hexanone	ND	(1300) [26.77376]	ND	(11000) [219.7802]	ND	(13000) [268.0965]	ND	(3300) [65.10416]
4-Methyl-2-pentanone (MIBK)	ND	(1300) [26.77376]	ND	(11000) [219.7802]	ND	(13000) [268.0965]	ND	(3300) [65.10416]
Acetone	850 J	(2700) [26.77376]	ND	(22000) [219.7802]	ND	(27000) [268.0965]	ND	(6500) [65.10416]
Benzene	370	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Bromodichloromethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Bromomethane	ND	(270) [26.77376]	ND	(2200) [219.7802]	ND	(2700) [268.0965]	ND	(650) [65.10416]
Carbon disulfide	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Carbon tetrachloride	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Chlorobenzene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Chloroethane	ND	(270) [26.77376]	ND	(2200) [219.7802]	ND	(2700) [268.0965]	ND	(650) [65.10416]
Chloroform	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Chloromethane	ND	(270) [26.77376]	ND	(2200) [219.7802]	ND	(2700) [268.0965]	ND	(650) [65.10416]
Dibromochloromethane	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Ethyl benzene	37 J	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Methyl ethyl ketone	500 J	(2700) [26.77376]	ND	(22000) [219.7802]	3000	(27000) [268.0965]	ND	(6500) [65.10416]
Methylene chloride	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Styrene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Tetrachloroethene	ND	(130) [26.77376]	ND	(1100) [219.7802]	ND	(1300) [268.0965]	ND	(330) [65.10416]
Toluene	89 J	(130) [26.77376]	ND	(1100) [219.7802]	1600	(1300) [268.0965]	ND	(330) [65.10416]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	10	10	10	10
	10-SB-02	10-SB-03	10-SB-03	10-SB-03
	10-SB-02-02	10-SB-03-01	10-SB-03-02	10-SB-03-03
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5
Tribromomethane (Bromoform)	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
Trichloroethene	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
Vinyl acetate	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
Vinyl chloride	ND	(270) [26.77376]	(2200) [219.7802]	(2700) [268.0965]
Xylenes	43 J	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
cis-1,3-Dichloropropene	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
trans-1,2-Dichloroethene	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
trans-1,3-Dichloropropene	ND	(130) [26.77376]	(1100) [219.7802]	(1300) [268.0965]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
1,2-Dichlorobenzene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
1,3-Dichlorobenzene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
1,4-Dichlorobenzene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,4,5-Trichloropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,4,6-Trichloropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,4-Dichloropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,4-Dimethylpheno1	ND	(2.2) [0.044608]	(1.8) [0.035911]	(48) [0.964375]
2,4-Dinitropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,6-Dinitrotholuene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2,6-Dinitrotoluene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2-Chloronaphthalene	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2-Chloropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2-Methylnaphthalene	0.057 J	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2-Methylpheno1 (o-cresol)	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
2-Nitroaniline	ND	(2.2) [0.044608]	(1.8) [0.035911]	(48) [0.964375]
2-Nitropheno1	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]
3,3'-Dichlorobenzidine	ND	(0.89) [0.044608]	(0.72) [0.035911]	(19) [0.964375]
3-Nitroaniline	ND	(2.2) [0.044608]	(1.8) [0.035911]	(48) [0.964375]
4,6-Dinitro-2-methylpheno1	ND	(2.2) [0.044608]	(1.8) [0.035911]	(48) [0.964375]

Completed: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	10		10		10	
	10-SB-02		10-SB-03		10-SB-03	
	4 - 6	1 - 2.5	4 - 5.5	7 - 8.5	7 - 8.5	7 - 8.5
	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
4-Bromophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
4-Chloro-3-methylphenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
4-Chlorophenyl phenyl ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
4-Methylphenol (p-cresol)	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
4-Nitroaniline	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
4-Nitrophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
Acenaphthene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.6 J	(9.6) [0.964375]
Acenaphthylene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Anthracene	ND	(0.45) [0.044608]	0.0071 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzo(a)anthracene	ND	(0.45) [0.044608]	0.027 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzo(a)pyrene	ND	(0.45) [0.044608]	0.038 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzo(b)fluoranthene	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzo(g,h,i)perylene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzo(k)fluoranthene	ND	(0.45) [0.044608]	0.099 JF	(0.36) [0.035911]	ND	(9.6) [0.964375]
Benzoic acid	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(48) [0.964375]
Benzyl alcohol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Butylbenzylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.49 J	(9.6) [0.964375]
Chrysene	ND	(0.45) [0.044608]	0.048 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
Di-n-octylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Dibenz(a,h)anthracene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Dibenzofuran	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Diethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Dimethylphthalate	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Fluoranthene	ND	(0.45) [0.044608]	0.054 J	(0.36) [0.035911]	ND	(9.6) [0.964375]
Fluorene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	0.89 J	(9.6) [0.964375]
Hexachlorobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Hexachlorobutadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]
Hexachlorocyclopentadiene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(9.6) [0.964375]

Compiled: 23 May 1995

() = Detection Limit [] = Factor

NA = Not Detectable

NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		10			
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	10-SB-02 10-SB-02-02 4 - 6	10-SB-03 10-SB-03-01 1 - 2.5	10-SB-03 10-SB-03-02 4 - 5.5		
Hexachloroethane	ND	(0.45) [0.044608]	(0.36) [0.035911]	(9.6) [0.964375]	ND	(0.43) [0.042973]
Indeno(1,2,3-cd)pyrene	ND	(0.45) [0.044608]	0.03 JB	(0.36) [0.035911]	ND	(0.43) [0.042973]
Isophorone	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
N-Nitrosodiphenylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
N-Nitrosodipropylamine	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
Naphthalene	0.034 J	(0.45) [0.044608]	0.011 J	(0.36) [0.035911]	4.5 J	(0.43) [0.042973]
Nitrobenzene	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
Pentachlorophenol	ND	(2.2) [0.044608]	ND	(1.8) [0.035911]	ND	(2.1) [0.042973]
Phenanthrene	ND	(0.45) [0.044608]	0.028 J	(0.36) [0.035911]	0.25 J	(0.43) [0.042973]
Phenol	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
Pyrene	ND	(0.45) [0.044608]	0.065 J	(0.36) [0.035911]	ND	(0.43) [0.042973]
bis(2-Chloroethoxy)methane	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
bis(2-Chloroethyl)ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
bis(2-Chloroisopropyl)ether	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
bis(2-Ethylhexyl)phthalate	0.019 JB	(0.45) [0.044608]	0.74	(0.36) [0.035911]	2.4 J	(0.43) [0.042973]
p-Chloroaniline	ND	(0.45) [0.044608]	ND	(0.36) [0.035911]	ND	(0.43) [0.042973]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	ND	(240) [133.3333]	(200) [109.8901]	(240) [133.3333]	ND	(230) [129.8701]
Acenaphthylene	ND	(310) [133.3333]	(250) [109.8901]	(310) [133.3333]	ND	(300) [129.8701]
Anthracene	ND	(88) [133.3333]	(73) [109.8901]	(88) [133.3333]	ND	(86) [129.8701]
Benzo(a)anthracene	0.44 J	(1.7) [133.3333]	(1.4) [109.8901]	(1.7) [133.3333]	5.5	(1.7) [129.8701]
Benzo(a)pyrene	0.89 J	(3.1) [133.3333]	(2.5) [109.8901]	(3.1) [133.3333]	9.7	(3) [129.8701]
Benzo(b)fluoranthene	2.8	(2.4) [133.3333]	(2) [109.8901]	(2.4) [133.3333]	18	(2.3) [129.8701]
Benzo(g,h,i)perylene	12	(10) [133.3333]	(84) [1099]	(10) [133.3333]	34	(9.9) [129.8701]
Benzo(k)fluoranthene	0.43 J	(2.3) [133.3333]	(19) [1099]	(2.3) [133.3333]	5.2	(2.2) [129.8701]
Chrysene	ND	(20) [133.3333]	(16) [109.8901]	(20) [133.3333]	5.8 J	(19) [129.8701]
Dibenzo(a,h)anthracene	ND	(4) [133.3333]	(3.3) [109.8901]	(4) [133.3333]	4.4	(3.9) [129.8701]
Fluoranthene	ND	(28) [133.3333]	(23) [109.8901]	(28) [133.3333]	32	(27) [129.8701]
Fluorene	ND	(28) [133.3333]	(23) [109.8901]	(140) [666.7]	960	(27) [129.8701]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	34	70	20 J	9.1	12000	ND	12 J	34	70	20 J	9.1	12000	ND	12 J	10	
	LOCATION ID	SAMPLE ID																	
	10-SB-02	10-SB-03																	
Indeno(1,2,3-cd)pyrene	ND	(5.7) [133.3333]	(4.7) [109.8901]	34	70	20 J	9.1	12000	ND	12 J	(5.7) [133.3333]	(4.7) [109.8901]	34	70	20 J	9.1	12000	ND	12 J
Naphthalene	18 J	(240) [133.3333]	(200) [109.8901]	ND	70	20 J	9.1	12000	ND	12 J	(1200) [666.7]	(200) [109.8901]	ND	70	20 J	9.1	12000	ND	12 J
Phenanthrene	170	(85) [133.3333]	(70) [109.8901]	70	70	20 J	ND	ND	62 J	ND	(85) [133.3333]	(70) [109.8901]	62 J	ND	62 J	ND	62 J	62 J	62 J
Pyrene	ND	(36) [133.3333]	(30) [109.8901]	20 J	ND	20 J	12 J	12 J	ND	12 J	(36) [133.3333]	(30) [109.8901]	20 J	12 J	12 J	ND	12 J	35	35
																		7 - 8.5	7 - 8.5
																		4 - 5.5	4 - 5.5
																		10-SB-03-02	10-SB-03-03
																		10-SB-03-01	10-SB-03-02
																		10-SB-03-01	10-SB-03-03
																		10-SB-03-01	10-SB-03-03
																		10-SB-03-01	10-SB-03-03

() = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	10		10		10		10		10			
	10-SS-01 0 - 0.5	10-SS-02 0 - 0.5	10-SS-03 0 - 0.5	10-SS-04 0 - 0.5	10-SS-05 0 - 0.5	10-SS-06 0 - 0.5	10-SS-07 0 - 0.5	10-SS-08 0 - 0.5	10-SS-09 0 - 0.5	10-SS-10 0 - 0.5		
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)												
Diesel Range Organics (2)	5200	(22)	[109]	ND	(21)	[104]	21 B	(20)	[102]	22 B	(21)	[104]
Gasoline Range Organics (2)	1400	(460)	[4640]	ND	(10)	[105]	ND	(10)	[103]	ND	(10)	[105]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	54	(0.37)	[37.32736]	740	(7.1)	[711.7437]	20	(1.7)	[173.5508]	19	(1.7)	[173.3703]
4,4'-DDE	4.7	(0.37)	[37.32736]	15	(7.1)	[711.7437]	13	(1.7)	[173.5508]	12	(1.7)	[173.3703]
4,4'-DDT	65	(0.75)	[37.32736]	86	(14)	[711.7437]	240	(3.5)	[173.5508]	230	(3.5)	[173.3703]
Aldrin	0.68 B	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Chlordane	ND	(1.9)	[37.32736]	ND	(36)	[711.7437]	ND	(8.7)	[173.5508]	ND	(8.7)	[173.3703]
Dieldrin	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Endosulfan I	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Endosulfan II	0.73 KJB	(1.1)	[37.32736]	ND	(21)	[711.7437]	2.5 KJ	(5.2)	[173.5508]	2.1 KJ	(5.2)	[173.3703]
Endosulfan Sulfate	ND	(1.9)	[37.32736]	3.9 KJB	(36)	[711.7437]	2.4 KJB	(8.7)	[173.5508]	2.6 KJB	(8.7)	[173.3703]
Endrin	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Endrin Aldehyde	0.0089 PJB	(0.75)	[37.32736]	1 KJ	(14)	[711.7437]	ND	(3.5)	[173.5508]	ND	(3.5)	[173.3703]
Heptachlor	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Heptachlor epoxide	0.21 KJB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	0.73 KJB	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
Methoxychlor	ND	(1.9)	[37.32736]	ND	(36)	[711.7437]	ND	(8.7)	[173.5508]	ND	(8.7)	[173.3703]
PCB-1016	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND	(17)	[173.3703]
PCB-1221	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND	(35)	[173.3703]
PCB-1232	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND	(35)	[173.3703]
PCB-1242	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND	(17)	[173.3703]
PCB-1248	ND	(3.7)	[37.32736]	ND	(71)	[711.7437]	ND	(17)	[173.5508]	ND	(17)	[173.3703]
PCB-1254	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND	(35)	[173.3703]
PCB-1260	ND	(7.5)	[37.32736]	ND	(140)	[711.7437]	ND	(35)	[173.5508]	ND	(35)	[173.3703]
Toxaphene	ND	(19)	[37.32736]	ND	(360)	[711.7437]	ND	(87)	[173.5508]	ND	(87)	[173.3703]
alpha-BHC	0.25 JB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
beta-BHC	ND	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
delta-BHC	0.58 B	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)							
	10	10	10	10	10	10						
	10-SS-01	10-SS-02	10-SS-03	10-SS-03	10-SS-03	10-SS-03						
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5						
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01	10-SS-03-01	10-SS-03-01						
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5						
	0.56 PB	(0.37)	[37.32736]	ND	(7.1)	[711.7437]	ND	(1.7)	[173.5508]	ND	(1.7)	[173.3703]
gamma-BHC												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,1,2,2-Tetrachloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,1,2-Trichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,1-Dichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,1-Dichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,2-Dichloroethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
1,2-Dichloropropane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
2-Chloroethyl vinyl ether	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)	[1.046025]	ND	(10)	[1.047120]
2-Hexanone	ND	(1100)	[22.49718]	ND	(53)	[1.069518]	ND	(52)	[1.046025]	ND	(52)	[1.047120]
4-Methyl-2-pentanone(MIBK)	ND	(1100)	[22.49718]	ND	(53)	[1.069518]	ND	(52)	[1.046025]	ND	(52)	[1.047120]
Acetone	ND	(2200)	[22.49718]	33 JB	(110)	[1.069518]	ND	(100)	[1.046025]	ND	(100)	[1.047120]
Benzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Bromodichloromethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Bromomethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)	[1.046025]	ND	(10)	[1.047120]
Carbon disulfide	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Carbon tetrachloride	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Chlorobenzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Chloroethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)	[1.046025]	ND	(10)	[1.047120]
Chloroform	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Chloromethane	ND	(220)	[22.49718]	ND	(11)	[1.069518]	ND	(10)	[1.046025]	ND	(10)	[1.047120]
Dibromochloromethane	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Ethyl benzene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Methyl ethyl ketone	34 J	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Methylene chloride	ND	(2200)	[22.49718]	ND	(110)	[1.069518]	ND	(100)	[1.046025]	ND	(100)	[1.047120]
Styrene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Tetrachloroethene	ND	(110)	[22.49718]	ND	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]
Toluene	340	(110)	[22.49718]	0.85 JB	(5.3)	[1.069518]	ND	(5.2)	[1.046025]	ND	(5.2)	[1.047120]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	10		10					
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	10-SS-01 0 - 0.5	10-SS-02 10-SS-02-01 0 - 0.5	10-SS-03 10-SS-03-01 0 - 0.5				
Tribromomethane(Bromoform)	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
Trichloroethene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
Vinyl acetate	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
Vinyl chloride	ND	(220) [22.49718]	ND	(11) [1.069518]	ND	(10) [1.046025]	ND	(10) [1.047120]
Xylenes	12000	(110) [22.49718]	11	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
cis-1,3-Dichloropropene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
trans-1,2-Dichloroethene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
trans-1,3-Dichloropropene	ND	(110) [22.49718]	ND	(5.3) [1.069518]	ND	(5.2) [1.046025]	ND	(5.2) [1.047120]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
1,2-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
1,3-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
1,4-Dichlorobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,4,5-Trichloropheno1	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,4,6-Trichloropheno1	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,4-Dichloropheno1	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,4-Dimethylpheno1	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
2,4-Dinitrophenol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,6-Dinitrotoluene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2,6-Dinitrotoluene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2-Chloronaphthalene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2-Chloropheno1	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2-Methylnaphthalene	0.49 J	(1.3) [0.125535]	0.045 J	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2-Methylpheno1(o-cresol)	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
2-Nitroaniline	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
2-Nitrophenol	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036553]	ND	(0.37) [0.036633]
3,3'-Dichlorobenzidine	ND	(2.5) [0.125535]	ND	(0.76) [0.037866]	ND	(0.73) [0.036553]	ND	(0.73) [0.036633]
3-Nitroaniline	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]
4,6-Dinitro-2-methylpheno1	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036553]	ND	(1.8) [0.036633]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	10 10-SS-01	10 10-SS-02	10 10-SS-03	10 10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
4-Bromophenyl phenyl ether	ND	ND	ND	ND
4-Chloro-3-methylphenol	(1.3) [0.125535]	(0.38) [0.037866]	(0.37) [0.036553]	(0.37) [0.036633]
4-Chlorophenyl phenyl ether	(1.3) [0.125535]	(0.38) [0.037866]	(0.37) [0.036553]	(0.37) [0.036633]
4-Methylphenol (p-cresol)	(1.3) [0.125535]	(0.38) [0.037866]	(0.37) [0.036553]	(0.37) [0.036633]
4-Nitroaniline	(6.3) [0.125535]	(1.9) [0.037866]	(1.8) [0.036553]	(1.8) [0.036633]
4-Nitrophenol	(6.3) [0.125535]	(1.9) [0.037866]	(1.8) [0.036553]	(1.8) [0.036633]
Acenaphthene	(1.3) [0.125535]	(0.38) [0.037866]	(0.37) [0.036553]	(0.37) [0.036633]
Acenaphthylene	(1.3) [0.125535]	(0.38) [0.037866]	(0.37) [0.036553]	(0.37) [0.036633]
Anthracene	(1.3) [0.125535]	ND	(0.37) [0.036553]	(0.37) [0.036633]
Benzo(a)anthracene	(1.3) [0.125535]	0.031 J	(0.37) [0.036553]	(0.37) [0.036633]
Benzo(a)pyrene	(1.3) [0.125535]	0.044 J	(0.37) [0.036553]	(0.37) [0.036633]
Benzo(b)fluoranthene	(1.3) [0.125535]	0.042 JF	(0.37) [0.036553]	(0.37) [0.036633]
Benzo(g,h,i)perylene	(1.3) [0.125535]	0.06 J	(0.37) [0.036553]	(0.37) [0.036633]
Benzo(k)fluoranthene	(1.3) [0.125535]	0.042 JF	(0.37) [0.036553]	(0.37) [0.036633]
Benzoic acid	(6.3) [0.125535]	ND	(1.8) [0.036553]	(1.8) [0.036633]
Benzyl alcohol	(1.3) [0.125535]	ND	(0.37) [0.036553]	(0.37) [0.036633]
Butylbenzylphthalate	(1.3) [0.125535]	ND	(0.37) [0.036553]	(0.37) [0.036633]
Chrysene	(1.3) [0.125535]	0.047 J	(0.37) [0.036553]	(0.37) [0.036633]
Di-n-octylphthalate	(1.3) [0.125535]	ND	(0.37) [0.036553]	(0.37) [0.036633]
Dibenz(a,h)anthracene	(1.3) [0.125535]	ND	(0.37) [0.036553]	(0.37) [0.036633]
Dibenzofuran	0.28 J	ND	(0.37) [0.036553]	(0.37) [0.036633]
Dibutylphthalate	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]
Diethylphthalate	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]
Dimethylphthalate	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]
Fluoranthene	ND	0.039 J	(0.37) [0.036553]	(0.37) [0.036633]
Fluorene	0.82 J	ND	(0.37) [0.036553]	(0.37) [0.036633]
Hexachlorobenzene	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]
Hexachlorobutadiene	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]
Hexachlorocyclopentadiene	ND	ND	(0.37) [0.036553]	(0.37) [0.036633]

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		10			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
BEG. DEPTH - END DEPTH (FT.)	10-SS-01 0 - 0.5	10-SS-02 0 - 0.5	10-SS-03 0 - 0.5	10-SS-03 0 - 0.5		
Hexachloroethane	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Indeno(1,2,3-cd)pyrene	ND	(1.3) [0.125535]	0.051 JB	(0.38) [0.037866]	0.068 J	(0.37) [0.036633]
Isophorone	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
N-Nitrosodiphenylamine	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
N-Nitrosodipropylamine	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Naphthalene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Nitrobenzene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Pentachloropheno1	ND	(6.3) [0.125535]	ND	(1.9) [0.037866]	ND	(1.8) [0.036633]
Phenanthrene	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	0.037 J	(0.37) [0.036633]
Pheno1	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
Pyrene	ND	(1.3) [0.125535]	0.054 J	(0.38) [0.037866]	0.074 J	(0.37) [0.036633]
bis(2-Chloroethoxy)methane	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
bis(2-Chloroethyl) ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
bis(2-Chloroisopropyl) ether	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
bis(2-Ethylhexyl) phthalate	0.4 J	(1.3) [0.125535]	0.32 J	(0.38) [0.037866]	ND	(0.37) [0.036633]
p-Chloroaniline	ND	(1.3) [0.125535]	ND	(0.38) [0.037866]	ND	(0.37) [0.036633]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	ND	(670) [374.5318]	ND	(640) [356.5062]	ND	(630) [347.3428]
Acenaphthylene	52 J	(860) [374.5318]	ND	(820) [356.5062]	ND	(800) [347.3428]
Anthracene	8 J	(250) [374.5318]	ND	(240) [356.5062]	ND	(230) [347.3428]
Benzo(a)anthracene	5.9	(4.9) [374.5318]	8	(4.6) [356.5062]	16	(4.5) [347.3428]
Benzo(a)pyrene	ND	(8.6) [374.5318]	16	(8.2) [356.5062]	40	(8) [347.3428]
Benzo(b)fluoranthene	ND	(6.7) [374.5318]	16	(6.4) [356.5062]	43	(6.3) [347.3428]
Benzo(g,h,i)perylene	31	(28) [374.5318]	35	(27) [356.5062]	22 J	(26) [347.3428]
Benzo(k)fluoranthene	3.5 J	(6.4) [374.5318]	ND	(6.1) [356.5062]	16	(5.9) [347.3428]
Chrysene	ND	(56) [374.5318]	ND	(53) [356.5062]	24 J	(52) [347.3428]
Dibenzo(a,h)anthracene	4.1 J	(11) [374.5318]	5 J	(11) [356.5062]	5.9 J	(10) [347.3428]
Fluoranthene	55 J	(79) [374.5318]	26 J	(75) [356.5062]	40 J	(73) [347.3428]
Fluorene	1300	(79) [374.5318]	ND	(75) [356.5062]	ND	(73) [347.3428]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
Indeno(1,2,3-cd)pyrene	10	10	10	10
	10-SS-01	10-SS-02	10-SS-03	10-SS-03
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Naphthalene	11 J	61	49	46
	2300	(16) [374.5318]	(15) [356.5062]	(15) [347.3428]
	120 J	(670) [374.5318]	(640) [356.5062]	(630) [347.3428]
	110	(240) [374.5318]	(230) [356.5062]	(220) [347.3428]
Phenanthrene		(100) [374.5318]	(96) [356.5062]	(94) [347.3428]
Pyrene			41 J	43 J

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID										
	10					11					
	LOCATION ID	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	LOCATION ID	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	DEPTH (FT.)	
SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)	10-SS-04	0 - 0.5	10-SS-05	0 - 0.5	10-SS-06	11-SB-01	0 - 0.5	11-SB-01	0 - 0.5	11-SB-01	0 - 0.5
Diesel Range Organics (2)	78	(22)	[108]	(22)	[111]	94	(22)	[110]	29	(27)	[134]
Gasoline Range Organics (2)	ND	(11)	[106]	(11)	[110]	ND	(11)	[112]	ND	(13)	[131]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	140	(18)	[1786.990]	(9.4)	[937.0314]	750	(7.4)	[744.6016]	ND	(0.45)	[44.82294]
4,4'-DDD	81	(18)	[1786.990]	(9.4)	[937.0314]	52	(7.4)	[744.6016]	0.57	(0.45)	[44.82294]
4,4'-DDE	1300	(36)	[1786.990]	(19)	[937.0314]	350	(15)	[744.6016]	0.83	(0.9)	[44.82294]
4,4'-DDT	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	ND	(0.45)	[44.82294]
Aldrin	ND	(89)	[1786.990]	(47)	[937.0314]	ND	(37)	[744.6016]	ND	(2.2)	[44.82294]
Chlordane	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.32	(0.45)	[44.82294]
Dieldrin	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	ND	(0.45)	[44.82294]
Endosulfan I	ND	(54)	[1786.990]	(28)	[937.0314]	ND	(22)	[744.6016]	1.2	(1.3)	[44.82294]
Endosulfan II	5 KJ	(89)	[1786.990]	(47)	[937.0314]	6.7 KJ	(37)	[744.6016]	ND	(2.2)	[44.82294]
Endosulfan Sulfate	ND	(18)	[1786.990]	(9.4)	[937.0314]	4 KJB	(7.4)	[744.6016]	ND	(0.45)	[44.82294]
Endrin	ND	(36)	[1786.990]	(19)	[937.0314]	ND	(15)	[744.6016]	0.3	(0.9)	[44.82294]
Endrin Aldehyde	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.12	(0.45)	[44.82294]
Heptachlor	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.24	(0.45)	[44.82294]
Heptachlor epoxide	ND	(89)	[1786.990]	(47)	[937.0314]	ND	(37)	[744.6016]	ND	(2.2)	[44.82294]
Methoxychlor	ND	(180)	[1786.990]	(94)	[937.0314]	ND	(74)	[744.6016]	ND	(4.5)	[44.82294]
PCB-1016	ND	(360)	[1786.990]	(190)	[937.0314]	ND	(150)	[744.6016]	ND	(9)	[44.82294]
PCB-1221	ND	(360)	[1786.990]	(190)	[937.0314]	ND	(150)	[744.6016]	ND	(9)	[44.82294]
PCB-1232	ND	(180)	[1786.990]	(94)	[937.0314]	ND	(74)	[744.6016]	ND	(4.5)	[44.82294]
PCB-1242	ND	(180)	[1786.990]	(94)	[937.0314]	ND	(74)	[744.6016]	ND	(4.5)	[44.82294]
PCB-1248	ND	(360)	[1786.990]	(190)	[937.0314]	ND	(150)	[744.6016]	ND	(9)	[44.82294]
PCB-1254	ND	(360)	[1786.990]	(190)	[937.0314]	ND	(150)	[744.6016]	ND	(9)	[44.82294]
PCB-1260	ND	(890)	[1786.990]	(470)	[937.0314]	ND	(370)	[744.6016]	ND	(22)	[44.82294]
Toxaphene	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.42	(0.45)	[44.82294]
alpha-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	2.2	(0.45)	[44.82294]
beta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.79	(0.45)	[44.82294]
delta-BHC	ND	(18)	[1786.990]	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	0.79	(0.45)	[44.82294]

() = Factor [] = Detection Limit [] = Not Detected ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	ND	[937.0314]	[1786.990]	ND	[9.4]	[937.0314]	ND	[7.4]	[744.6016]	ND	[0.45]	[44.82294]
	10	10	10	11													
	10-SS-04 0 - 0.5	10-SS-05 0 - 0.5	10-SS-06 0 - 0.5	11-SB-01 2 - 4													
gamma-BHC	ND	(18)	[1786.990]	ND	(9.4)	[937.0314]	ND	(7.4)	[744.6016]	ND	(0.45)	[44.82294]					
SW8240 - Volatile Organics (ug/kg)																	
1,1,1-Trichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,1,2,2-Tetrachloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,1,2-Trichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,1-Dichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,1-Dichloroethene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,2-Dichloroethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
1,2-Dichloropropane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
2-Chloroethyl vinyl ether	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]					
2-Hexanone	ND	(54)	[1.078748]	ND	(56)	[1.127395]	ND	(56)	[1.126126]	ND	(67)	[1.345895]					
4-Methyl-2-pentanone(MIBK)	ND	(54)	[1.078748]	ND	(56)	[1.127395]	ND	(56)	[1.126126]	ND	(67)	[1.345895]					
Acetone	ND	(110)	[1.078748]	ND	(110)	[1.127395]	ND	(110)	[1.126126]	ND	(130)	[1.345895]					
Benzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Bromodichloromethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Bromomethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]					
Carbon disulfide	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Carbon tetrachloride	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Chlorobenzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Chloroethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]					
Chloroform	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Chloromethane	ND	(11)	[1.078748]	ND	(11)	[1.127395]	ND	(11)	[1.126126]	ND	(13)	[1.345895]					
Dibromochloromethane	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Ethyl benzene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Methyl ethyl ketone	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Methylene chloride	ND	(110)	[1.078748]	ND	(110)	[1.127395]	ND	(110)	[1.126126]	ND	(130)	[1.345895]					
Styrene	7.4 B	(5.4)	[1.078748]	12	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Tetrachloroethene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					
Toluene	ND	(5.4)	[1.078748]	ND	(5.6)	[1.127395]	ND	(5.6)	[1.126126]	ND	(6.7)	[1.345895]					

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	10		10		11			
	LOCATION ID		LOCATION ID		LOCATION ID			
	SAMPLE ID		SAMPLE ID		SAMPLE ID			
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
	10-SS-04-01	10-SS-05-01	10-SS-05-05	10-SS-06-01	11-SB-01	11-SB-01-01		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4	2 - 4		
Tribromomethane (Bromoform)	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
Trichloroethene	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
Vinyl acetate	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
Vinyl chloride	ND	(11) [1.078748]	ND	(11) [1.127395]	ND	(11) [1.126126]	ND	(13) [1.345895]
Xylenes	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
cis-1,3-Dichloropropene	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
trans-1,2-Dichloroethene	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
trans-1,3-Dichloropropene	ND	(5.4) [1.078748]	ND	(5.6) [1.127395]	ND	(5.6) [1.126126]	ND	(6.7) [1.345895]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
1,2-Dichlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
1,3-Dichlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
1,4-Dichlorobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,4,5-Trichloropheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,4,6-Trichloropheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,4-Dichloropheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,4-Dimethylpheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,4-Dinitrophenol	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
2,4-Dinitrotoluene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2,6-Dinitrotoluene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2-Chloronaphthalene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2-Chloropheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2-Methylnaphthalene	0.14 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2-Methylpheno1 (o-cresol)	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
2-Nitroaniline	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
2-Nitrophenol	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
3,3'-Dichlorobenzidine	ND	(2.5) [0.122813]	ND	(0.95) [0.047539]	ND	(0.73) [0.036393]	ND	(0.9) [0.044833]
3-Nitroaniline	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
4,6-Dinitro-2-methylpheno1	ND	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID						
	10		11				
	LOCATION ID	10-SS-05	10-SS-06	11-SB-01			
	SAMPLE ID	10-SS-05-01	10-SS-06-01	11-SB-01-01			
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	2 - 4				
4-Bromophenyl phenyl ether	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
4-Chloro-3-methylphenol	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
4-Chlorophenyl phenyl ether	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
4-Methylphenol(p-cresol)	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
4-Nitroaniline	ND	(6.1) [0.122813]	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
4-Nitrophenol	ND	(6.1) [0.122813]	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
Acenaphthene	1.9	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Acenaphthylene	0.48 J	(1.2) [0.122813]	(0.48) [0.047539]	0.041 J	(0.36) [0.036393]	ND	(0.45) [0.044833]
Anthracene	7.9	(1.2) [0.122813]	(0.48) [0.047539]	0.056 J	(0.36) [0.036393]	ND	(0.45) [0.044833]
Benzo(a)anthracene	14	(1.2) [0.122813]	(0.48) [0.047539]	0.19 J	(0.36) [0.036393]	0.059 J	(0.45) [0.044833]
Benzo(a)pyrene	13	(1.2) [0.122813]	(0.48) [0.047539]	0.26 J	(0.36) [0.036393]	0.088 J	(0.45) [0.044833]
Benzo(b)fluoranthene	13 F	(1.2) [0.122813]	(0.48) [0.047539]	0.25 JF	(0.36) [0.036393]	0.12 JF	(0.45) [0.044833]
Benzo(g,h,i)perylene	6.7	(1.2) [0.122813]	(0.48) [0.047539]	0.22 J	(0.36) [0.036393]	0.099 J	(0.45) [0.044833]
Benzo(k)fluoranthene	13 F	(1.2) [0.122813]	(0.48) [0.047539]	0.25 JF	(0.36) [0.036393]	0.12 JF	(0.45) [0.044833]
Benzoic acid	ND	(6.1) [0.122813]	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]
Benzyl alcohol	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Butylbenzylphthalate	ND	(1.2) [0.122813]	(0.48) [0.047539]	0.068 J	(0.36) [0.036393]	ND	(0.45) [0.044833]
Chrysene	16	(1.2) [0.122813]	(0.48) [0.047539]	0.39 J	(0.36) [0.036393]	0.11 J	(0.45) [0.044833]
Di-n-octylphthalate	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Dibenz(a,h)anthracene	3.1	(1.2) [0.122813]	(0.48) [0.047539]	0.087 J	(0.36) [0.036393]	ND	(0.45) [0.044833]
Dibenzofuran	0.74 J	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Dibutylphthalate	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Diethylphthalate	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Dimethylphthalate	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Fluoranthene	31	(6.1) [0.614066]	(0.48) [0.047539]	0.43 J	(0.36) [0.036393]	0.12 J	(0.45) [0.044833]
Fluorene	2.2	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Hexachlorobenzene	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Hexachlorobutadiene	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]
Hexachlorocyclopentadiene	ND	(1.2) [0.122813]	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID		Factor	DETECTION LIMIT		NA = Not Detected	NA = Not Applicable
	10	11		10	11		() = Detection Limit	[] = Factor		
	10-SS-04 0 - 0.5	10-SS-05 0 - 0.5		10-SS-06 0 - 0.5	10-SS-07 0 - 0.5		() = Detection Limit	[] = Factor		
Hexachloroethane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Indeno(1,2,3-cd)pyrene	6.6	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.088 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Isophorone	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
N-Nitrosodiphenylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
N-Nitrosodipropylamine	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Naphthalene	0.14 J	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Nitrobenzene	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Pentachloropheno1	1.2 J	(6.1) [0.122813]	ND	(2.4) [0.047539]	ND	(1.8) [0.036393]	ND	(2.2) [0.044833]	ND	
Phenanthrene	17	(1.2) [0.122813]	0.19 J	(0.48) [0.047539]	0.055 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Pheno1	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
Pyrene	28	(6.1) [0.614066]	0.46 J	(0.48) [0.047539]	0.12 J	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
bis(2-Chloroethoxy)methane	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
bis(2-Chloroethyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
bis(2-Chloroisopropyl) ether	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
bis(2-Ethylhexyl) phthalate	0.94 J	(1.2) [0.122813]	0.14 J	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
p-Chloroaniline	ND	(1.2) [0.122813]	ND	(0.48) [0.047539]	ND	(0.36) [0.036393]	ND	(0.45) [0.044833]	ND	
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)										
Acenaphthene	ND	(3200) [1796.622]	ND	(670) [374.2514]	ND	(670) [373.5524]	NA		NA	
Acenaphthylene	ND	(4100) [1796.622]	ND	(860) [374.2514]	ND	(860) [373.5524]	NA		NA	
Anthracene	300 J	(1200) [1796.622]	18 J	(250) [374.2514]	ND	(250) [373.5524]	NA		NA	
Benzo(a)anthracene	840	(47) [3593.244]	69	(4.9) [374.2514]	31	(4.9) [373.5524]	NA		NA	
Benzo(a)pyrene	500	(41) [1796.622]	72	(8.6) [374.2514]	67	(8.6) [373.5524]	NA		NA	
Benzo(b)fluoranthene	24 J	(32) [1796.622]	78	(6.7) [374.2514]	82	(6.7) [373.5524]	NA		NA	
Benzo(g,h,i)perylene	120 J	(140) [1796.622]	15 J	(28) [374.2514]	45	(28) [373.5524]	NA		NA	
Benzo(k)fluoranthene	260	(31) [1796.622]	37	(6.4) [374.2514]	38	(6.4) [373.5524]	NA		NA	
Chrysene	210 J	(270) [1796.622]	140	(56) [374.2514]	90	(56) [373.5524]	NA		NA	
Dibenzo(a,h)anthracene	170	(54) [1796.622]	9.8 J	(11) [374.2514]	24	(11) [373.5524]	NA		NA	
Fluoranthene	1600	(380) [1796.622]	140	(79) [374.2514]	96	(78) [373.5524]	NA		NA	
Fluorene	88 J	(380) [1796.622]	ND	(79) [374.2514]	ND	(78) [373.5524]	NA		NA	

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	10		11	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	10-SS-04 10-SS-04-01 0 - 0.5	10-SS-05 10-SS-05-01 0 - 0.5	10-SS-06 10-SS-06-01 0 - 0.5
Indeno(1,2,3-cd)pyrene	800	(77) [1796.622]	(16) [374.2514]	(16) [373.5524]
Naphthalene	ND	(3200) [1796.622]	(670) [374.2514]	(670) [373.5524]
Phenanthrene	960 J	(1100) [1796.622]	(240) [374.2514]	(240) [373.5524]
Pyrene	1800	(490) [1796.622]	(100) [374.2514]	(100) [373.5524]
		18	110	
		ND	ND	
		110 J	87 J	
		150	96 J	
				NA
				NA
				NA
				NA
				2 - 4

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	11		11		11		12	
	11-SB-01		11-SS-01		11-SS-01		12-MW-01	
	11-SB-01-02	5 - 7	11-SS-01-01	0 - 0.5	11-SS-01 Dup of 11-SS-01-01	11-DS-01 Dup of 11-SS-01-01	12-MW-01-02	5 - 7
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	

SW8015MEMP - Nonhalogenated Volatile Organics (mg/kg)								
Diesel Range Organics (2)	ND	(25)	[126]	1100	(230)	[1150]	NA	NA
Gasoline Range Organics (2)	ND	(12)	[118]	24 B	(11)	[109]	NA	NA
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)								
4,4'-DDD	1.7	(0.42)	[41.99916]	NA			NA	NA
4,4'-DDE	0.99	(0.42)	[41.99916]	NA			NA	NA
4,4'-DDT	3	(0.84)	[41.99916]	NA			NA	NA
Aldrin	1.4	(0.42)	[41.99916]	NA			NA	NA
Chlordane	ND	(2.1)	[41.99916]	NA			NA	NA
Dieldrin	0.37 KJB	(0.42)	[41.99916]	NA			NA	NA
Endosulfan I	ND	(0.42)	[41.99916]	NA			NA	NA
Endosulfan II	0.69 JB	(1.3)	[41.99916]	NA			NA	NA
Endosulfan Sulfate	0.74 KJB	(2.1)	[41.99916]	NA			NA	NA
Endrin	ND	(0.42)	[41.99916]	NA			NA	NA
Endrin Aldehyde	0.41 KJB	(0.84)	[41.99916]	NA			NA	NA
Heptachlor	0.12 KJB	(0.42)	[41.99916]	NA			NA	NA
Heptachlor epoxide	0.46 PB	(0.42)	[41.99916]	NA			NA	NA
Methoxychlor	ND	(2.1)	[41.99916]	NA			NA	NA
PCB-1016	ND	(4.2)	[41.99916]	NA			NA	NA
PCB-1221	ND	(8.4)	[41.99916]	NA			NA	NA
PCB-1232	ND	(8.4)	[41.99916]	NA			NA	NA
PCB-1242	ND	(4.2)	[41.99916]	NA			NA	NA
PCB-1248	ND	(4.2)	[41.99916]	NA			NA	NA
PCB-1254	ND	(8.4)	[41.99916]	NA			NA	NA
PCB-1260	ND	(8.4)	[41.99916]	NA			NA	NA
Toxaphene	ND	(21)	[41.99916]	NA			NA	NA
alpha-BHC	ND	(0.42)	[41.99916]	NA			NA	NA
beta-BHC	0.39 KJB	(0.42)	[41.99916]	NA			NA	NA
delta-BHC	1.2 B	(0.42)	[41.99916]	NA			NA	NA

Compiled: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID		BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID		NA	NA	NA	
	11	12		11-SS-01	11-SS-01		11-DS-01	11-SS-01-01				12-MW-01
gamma-BHC	0.61 B	(0.42)	[41.99916]	NA	NA	NA	NA	NA	NA	NA	NA	
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,1,2,2-Tetrachloroethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,1,2-Trichloroethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,1-Dichloroethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,1-Dichloroethene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,2-Dichloroethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
1,2-Dichloropropane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
2-Chloroethyl vinyl ether	ND	(13)	[1.261034]	ND	(230)	[23.17497]	ND	(230)	[22.72727]	ND	(10)	[1.039501]
2-Hexanone	ND	(63)	[1.261034]	ND	(1200)	[23.17497]	ND	(1100)	[22.72727]	ND	(52)	[1.039501]
4-Methyl-2-pentanone (MIBK)	ND	(63)	[1.261034]	ND	(1200)	[23.17497]	ND	(1100)	[22.72727]	ND	(52)	[1.039501]
Acetone	6.3 JB	(130)	[1.261034]	ND	(2300)	[23.17497]	ND	(2300)	[22.72727]	ND	(100)	[1.039501]
Benzene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Bromodichloromethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Bromomethane	ND	(13)	[1.261034]	ND	(230)	[23.17497]	ND	(230)	[22.72727]	ND	(10)	[1.039501]
Carbon disulfide	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Carbon tetrachloride	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Chlorobenzene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Chloroethane	ND	(13)	[1.261034]	ND	(230)	[23.17497]	ND	(230)	[22.72727]	ND	(10)	[1.039501]
Chloroform	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Chloromethane	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Dibromochloromethane	ND	(13)	[1.261034]	ND	(230)	[23.17497]	ND	(230)	[22.72727]	ND	(10)	[1.039501]
Ethyl benzene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Methyl ethyl ketone	ND	(6.3)	[1.261034]	9.6 J	(120)	[23.17497]	8.5 J	(110)	[22.72727]	ND	(5.2)	[1.039501]
Methylene chloride	ND	(130)	[1.261034]	ND	(2300)	[23.17497]	330 J	(2300)	[22.72727]	ND	(100)	[1.039501]
Styrene	1.2 JB	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	2.1 JB	(5.2)	[1.039501]
Tetrachloroethene	ND	(6.3)	[1.261034]	ND	(120)	[23.17497]	ND	(110)	[22.72727]	ND	(5.2)	[1.039501]
Toluene	ND	(6.3)	[1.261034]	29 J	(120)	[23.17497]	22 J	(110)	[22.72727]	ND	(5.2)	[1.039501]

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	11		12		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	11-SB-01	11-SS-01	11-SS-01	12-MW-01	
	11-SB-01-02	11-SS-01-01	11-DS-01 Dup of 11-SS-01-01	12-MW-01-02	
	5 - 7	0 - 0.5	0 - 0.5	5 - 7	
Tribromomethane (Bromoform)	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
Trichloroethene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
Vinyl acetate	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
Vinyl chloride	ND	(13) [1.261034]	ND	(230) [23.17497]	ND
Xylenes	ND	(6.3) [1.261034]	55 J	(120) [23.17497]	67 J
cis-1,3-Dichloropropene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
trans-1,2-Dichloroethene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
trans-1,3-Dichloropropene	ND	(6.3) [1.261034]	ND	(120) [23.17497]	ND
SW8270 - Semivolatile Organics (mg/kg)					
1,2,4-Trichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
1,2-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
1,3-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
1,4-Dichlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,4,5-Trichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,4,6-Trichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,4-Dichlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,4-Dimethylphenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,4-Dinitrophenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	ND
2,4-Dinitrotoluene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2,6-Dinitrotoluene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2-Chloronaphthalene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2-Chlorophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2-Methylnaphthalene	ND	(0.42) [0.042034]	0.13 J	(1.2) [0.115413]	ND
2-Methylphenol (o-cresol)	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
2-Nitroaniline	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	ND
2-Nitrophenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
3,3'-Dichlorobenzidine	ND	(0.84) [0.042034]	ND	(2.3) [0.115413]	ND
3-Nitroaniline	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	ND
4,6-Dinitro-2-methylphenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	ND

Compiled: 23 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				
	11		12		
	LOCATION ID	11-SS-01	11-SS-01	12-MW-01	
SAMPLE ID	11-SB-01	11-SS-01	11-SS-01	12-MW-01	
BEG. DEPTH - END DEPTH (FT.)	11-SB-01-02 5 - 7	11-SS-01-01 0 - 0.5	Dup of 11-SS-01-01 0 - 0.5	12-MW-01-02 5 - 7	
4-Bromophenyl phenyl ether	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	ND
4-Chloro-3-methylphenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
4-Chlorophenyl phenyl ether	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
4-Methylphenol (p-cresol)	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
4-Nitroaniline	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	(1.7) [0.034569]
4-Nitrophenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	(1.7) [0.034569]
Acenaphthene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Acenaphthylene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Anthracene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzo(a)anthracene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzo(a)pyrene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzo(b)fluoranthene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzo(g,h,i)perylene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzo(k)fluoranthene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Benzoic acid	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]	(1.7) [0.034569]
Benzyl alcohol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Butylbenzylphthalate	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Chrysene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Di-n-octylphthalate	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Dibenz(a,h)anthracene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Dibenzofuran	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Diethylphthalate	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Diethylphthalate	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Dimethylphthalate	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Fluoranthene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Fluorene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Hexachlorobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Hexachlorobutadiene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]
Hexachlorocyclopentadiene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]	(0.35) [0.034569]

Compiled: 23 Mar 1995 () = Detection Limit [] = Factor () = Not Detected NA = Not Applicable

TABLE A4 RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	11		12	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	11-SB-01	11-SS-01	11-SS-01	12-MW-01
	5 - 7	0 - 0.5	0 - 0.5	5 - 7
	11-SB-01-02	11-SS-01-01	11-DS-01 Dup of 11-SS-01-01	12-MW-01-02
	5 - 7	0 - 0.5	0 - 0.5	5 - 7
Hexachloroethane	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Indeno(1,2,3-cd)pyrene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Isophorone	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
N-Nitrosodiphenylamine	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
N-Nitrosodipropylamine	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Naphthalene	ND	(0.42) [0.042034]	0.064 J	(1.2) [0.115413]
Nitrobenzene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Pentachlorophenol	ND	(2.1) [0.042034]	ND	(5.8) [0.115413]
Phenanthrene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Phenol	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
Pyrene	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
bis(2-Chloroethoxy)methane	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
bis(2-Chloroethyl) ether	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
bis(2-Chloroisopropyl) ether	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]
bis(2-Ethylhexyl) phthalate	0.033 JB	(0.42) [0.042034]	ND	(1.2) [0.115413]
p-Chloroaniline	ND	(0.42) [0.042034]	ND	(1.2) [0.115413]

Compilied: 23 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

PARAMETER	12		Factor	Detection Limit	NA = Not Applicable
	12-MW-02	12-MW-02-02			
	10 - 12				

SW8015MEMP - Nonhalogenated Volatile Organics	ND	(22)	[109]		
Diesel Range Organics (2)	ND	(11)	[107]		
Gasoline Range Organics (2)	ND	(5.5)	[1.103752]		
SW8240 - Volatile Organics (ug/kg)	ND	(5.5)	[1.103752]		
1,1,1-Trichloroethane	ND	(5.5)	[1.103752]		
1,1,2,2-Tetrachloroethane	ND	(5.5)	[1.103752]		
1,1,2-Trichloroethane	ND	(5.5)	[1.103752]		
1,1-Dichloroethane	ND	(5.5)	[1.103752]		
1,1-Dichloroethene	ND	(5.5)	[1.103752]		
1,2-Dichloroethane	ND	(5.5)	[1.103752]		
1,2-Dichloropropane	ND	(11)	[1.103752]		
2-Chloroethyl vinyl ether	ND	(55)	[1.103752]		
2-Hexanone	ND	(55)	[1.103752]		
4-Methyl-2-pentanone(MIBK)	ND	(110)	[1.103752]		
Acetone	ND	(5.5)	[1.103752]		
Benzene	ND	(5.5)	[1.103752]		
Bromodichloromethane	ND	(11)	[1.103752]		
Bromomethane	ND	(5.5)	[1.103752]		
Carbon disulfide	ND	(5.5)	[1.103752]		
Carbon tetrachloride	ND	(5.5)	[1.103752]		
Chlorobenzene	ND	(11)	[1.103752]		
Chloroethane	ND	(5.5)	[1.103752]		
Chloroform	ND	(11)	[1.103752]		
Chloromethane	ND	(5.5)	[1.103752]		
Dibromochloromethane	ND	(5.5)	[1.103752]		
Ethyl benzene	ND	(110)	[1.103752]		
Methyl ethyl ketone	ND	(5.5)	[1.103752]		
Methylene chloride	3.7 JB	(5.5)	[1.103752]		
Styrene	ND	(5.5)	[1.103752]		

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID	SAMPLE ID	
	12		
	12-MW-02		
	12-MW-02-02		
	10 - 12		

Tetrachloroethene	ND	(5.5) [1.103752]	
Toluene	ND	(5.5) [1.103752]	
Tribromomethane(Bromoform)	ND	(5.5) [1.103752]	
Trichloroethene	ND	(5.5) [1.103752]	
Vinyl acetate	ND	(5.5) [1.103752]	
Vinyl chloride	ND	(11) [1.103752]	
Xylenes	ND	(5.5) [1.103752]	
cis-1,3-Dichloropropene	ND	(5.5) [1.103752]	
trans-1,2-Dichloroethene	ND	(5.5) [1.103752]	
trans-1,3-Dichloropropene	ND	(5.5) [1.103752]	
SW8270 - Semivolatle Organics (mg/kg)			
1,2,4-Trichlorobenzene	ND	(0.37) [0.036645]	
1,2-Dichlorobenzene	ND	(0.37) [0.036645]	
1,3-Dichlorobenzene	ND	(0.37) [0.036645]	
1,4-Dichlorobenzene	ND	(0.37) [0.036645]	
2,4,5-Trichlorophenol	ND	(0.37) [0.036645]	
2,4,6-Trichlorophenol	ND	(0.37) [0.036645]	
2,4-Dichlorophenol	ND	(0.37) [0.036645]	
2,4-Dimethylphenol	ND	(0.37) [0.036645]	
2,4-Dinitrophenol	ND	(1.8) [0.036645]	
2,4-Dinitrotoluene	ND	(0.37) [0.036645]	
2,6-Dinitrotoluene	ND	(0.37) [0.036645]	
2-Chloronaphthalene	ND	(0.37) [0.036645]	
2-Chlorophenol	ND	(0.37) [0.036645]	
2-Methylnaphthalene	ND	(0.37) [0.036645]	
2-Methylphenol (o-cresol)	ND	(0.37) [0.036645]	
2-Nitroaniline	ND	(1.8) [0.036645]	
2-Nitrophenol	ND	(0.37) [0.036645]	
3,3'-Dichlorobenzidine	ND	(0.73) [0.036645]	

() = Detection Limit □ = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

PARAMETER	12	12-MW-02	12-NW-02-02	10 - 12
3-Nitroaniline	ND	(1.8)	[0.036645]	
4,6-Dinitro-2-methylphenol	ND	(1.8)	[0.036645]	
4-Bromophenyl phenyl ether	ND	(0.37)	[0.036645]	
4-Chloro-3-methylphenol	ND	(0.37)	[0.036645]	
4-Chlorophenyl phenyl ether	ND	(0.37)	[0.036645]	
4-Methylphenol (p-cresol)	ND	(0.37)	[0.036645]	
4-Nitroaniline	ND	(1.8)	[0.036645]	
4-Nitrophenol	ND	(1.8)	[0.036645]	
Acenaphthene	ND	(0.37)	[0.036645]	
Acenaphthylene	ND	(0.37)	[0.036645]	
Anthracene	ND	(0.37)	[0.036645]	
Benzo(a)anthracene	ND	(0.37)	[0.036645]	
Benzo(a)pyrene	ND	(0.37)	[0.036645]	
Benzo(b)fluoranthene	ND	(0.37)	[0.036645]	
Benzo(g,h,i)perylene	ND	(0.37)	[0.036645]	
Benzo(k)fluoranthene	ND	(0.37)	[0.036645]	
Benzoic acid	ND	(1.8)	[0.036645]	
Benzyl alcohol	ND	(0.37)	[0.036645]	
Butylbenzylphthalate	ND	(0.37)	[0.036645]	
Chrysene	ND	(0.37)	[0.036645]	
Di-n-octylphthalate	ND	(0.37)	[0.036645]	
Dibenz(a,h)anthracene	ND	(0.37)	[0.036645]	
Dibenzofuran	ND	(0.37)	[0.036645]	
Diethylphthalate	ND	(0.37)	[0.036645]	
Diethylphthalate	ND	(0.37)	[0.036645]	
Dimethylphthalate	ND	(0.37)	[0.036645]	
Fluoranthene	ND	(0.37)	[0.036645]	
Fluorene	ND	(0.37)	[0.036645]	
Hexachlorobenzene	ND	(0.37)	[0.036645]	

Compiled: 23 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A4

RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)	
	12	
	12-MW-02	
	12-MW-02-02	
	10 - 12	

Hexachlorobutadiene	ND	(0.37) [0.036645]
Hexachlorocyclopentadiene	ND	(0.37) [0.036645]
Hexachloroethane	ND	(0.37) [0.036645]
Indeno(1,2,3-cd)pyrene	ND	(0.37) [0.036645]
Isophorone	ND	(0.37) [0.036645]
N-Nitrosodiphenylamine	ND	(0.37) [0.036645]
N-Nitrosodipropylamine	ND	(0.37) [0.036645]
Naphthalene	ND	(0.37) [0.036645]
Nitrobenzene	ND	(0.37) [0.036645]
Pentachlorophenol	ND	(1.8) [0.036645]
Phenanthrene	ND	(0.37) [0.036645]
Phenol	ND	(0.37) [0.036645]
Pyrene	ND	(0.37) [0.036645]
bis(2-Chloroethoxy)methane	ND	(0.37) [0.036645]
bis(2-Chloroethyl)ether	ND	(0.37) [0.036645]
bis(2-Chloroisopropyl)ether	ND	(0.37) [0.036645]
bis(2-Ethylhexyl)phthalate	ND	(0.37) [0.036645]
p-Chloroaniline	ND	(0.37) [0.036645]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		01		01	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-MW-01	01-MW-02	01-MW-02	01-SB-01	01-SB-01	01-SB-01	01-SB-01	01-SB-01
	01-MW-01-02	01-MW-02-02	01-MW-02-02	01-SB-01-01	01-SB-01-01	01-SB-01-02	01-SB-01-02	01-SB-01-02
	5 - 7	5 - 7	5 - 7	3 - 5	3 - 5	8 - 10	8 - 10	8 - 10
	BEG. DEPTH - END DEPTH (FT.)							
SW6010 - Metals (mg/kg)								
Aluminum	11000	(19) [96.15384]	7800	(21) [103.7344]	11000	(22) [112.3595]	9300	(20) [100.8064]
Antimony	ND	(9.6) [96.15384]	ND	(10) [103.7344]	ND	(11) [112.3595]	ND	(10) [100.8064]
Arsenic	ND	(29) [96.15384]	ND	(31) [103.7344]	ND	(34) [112.3595]	ND	(30) [100.8064]
Barium	210	(0.96) [96.15384]	130	(1) [103.7344]	200	(1.1) [112.3595]	170	(1) [100.8064]
Beryllium	0.28	(0.19) [96.15384]	ND	(0.21) [103.7344]	0.23	(0.22) [112.3595]	0.21	(0.2) [100.8064]
Cadmium	ND	(0.48) [96.15384]	ND	(0.52) [103.7344]	ND	(0.56) [112.3595]	ND	(0.5) [100.8064]
Calcium	16000	(96) [96.15384]	9000	(100) [103.7344]	13000	(110) [112.3595]	13000	(100) [100.8064]
Chromium	24	(0.96) [96.15384]	17	(1) [103.7344]	24	(1.1) [112.3595]	20	(1) [100.8064]
Cobalt	12	(0.96) [96.15384]	9.1	(1) [103.7344]	13	(1.1) [112.3595]	11	(1) [100.8064]
Copper	37	(1.9) [96.15384]	19	(2.1) [103.7344]	33	(2.2) [112.3595]	30	(2) [100.8064]
Iron	23000	(4.8) [96.15384]	18000	(5.2) [103.7344]	25000	(5.6) [112.3595]	21000	(5) [100.8064]
Lead	6.5	(4.8) [96.15384]	8.9	(5.2) [103.7344]	18	(5.6) [112.3595]	12	(5) [100.8064]
Magnesium	7800	(96) [96.15384]	6000	(100) [103.7344]	7800	(110) [112.3595]	7100	(100) [100.8064]
Manganese	440	(0.96) [96.15384]	310	(1) [103.7344]	440	(1.1) [112.3595]	380	(1) [100.8064]
Molybdenum	ND	(4.8) [96.15384]	ND	(5.2) [103.7344]	ND	(5.6) [112.3595]	ND	(5) [100.8064]
Nickel	28	(1.9) [96.15384]	21	(2.1) [103.7344]	29	(2.2) [112.3595]	25	(2) [100.8064]
Potassium	1000	(290) [96.15384]	790	(310) [103.7344]	1100	(340) [112.3595]	880	(300) [100.8064]
Selenium	ND	(29) [96.15384]	ND	(31) [103.7344]	ND	(34) [112.3595]	ND	(30) [100.8064]
Silver	ND	(0.96) [96.15384]	ND	(1) [103.7344]	ND	(1.1) [112.3595]	ND	(1) [100.8064]
Sodium	340	(96) [96.15384]	240	(100) [103.7344]	300	(110) [112.3595]	260	(100) [100.8064]
Thallium	ND	(9.6) [96.15384]	ND	(10) [103.7344]	ND	(11) [112.3595]	ND	(10) [100.8064]
Vanadium	40	(1.9) [96.15384]	31	(2.1) [103.7344]	41	(2.2) [112.3595]	34	(2) [100.8064]
Zinc	77	(1.9) [96.15384]	54	(2.1) [103.7344]	87	(2.2) [112.3595]	68	(2) [100.8064]
SW7060 - Arsenic (mg/kg)								
Arsenic	9.8	(0.83) [208.3333]	8	(0.75) [188.4836]	11	(0.74) [186.0119]	9.5	(0.84) [210.0840]
SW7421 - Lead (mg/kg)								
Lead	11	(1.2) [416.6666]	10	(1.1) [376.9672]	10	(1.1) [372.0238]	7.8	(0.63) [210.0840]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID			
	01	01						
	01-MW-01 01-MW-01-02 5 - 7	01-MW-02 01-MW-02-02 5 - 7						
SW7471 - Mercury (mg/kg)	0.09 B	(0.063) [350.8771]	0.12	(0.062) [342.9355]	0.11	(0.043) [238.0952]	0.11	(0.051) [284.0909]
Mercury	ND	(0.52) [104.1666]	ND	(0.47) [94.24182]	ND	(0.47) [93.00595]	ND	(0.53) [105.0420]
SW7740 - Selenium (mg/kg)	25	() [1]	19	() [1]	16	() [1]	20	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

01
01-MW-01
01-MW-01-02
5 - 7

01
01-MW-02
01-MW-02-02
5 - 7

01
01-SB-01
01-SB-01-02
8 - 10

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		01			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
BEG. DEPTH - END DEPTH (FT.)	01-SB-01 12 - 15	01-SB-02 3 - 5	01-SB-02 5 - 7	01-SB-02 12 - 15	01-SB-02 12 - 15	01-SB-02 12 - 15		
SW6010 - Metals (mg/kg)								
Aluminum	9000	(20) [100.8064]	8700	(20) [102.0408]	9200	(25) [123.3045]	10000	(23) [114.4164]
Antimony	ND	(10) [100.8064]	ND	(10) [102.0408]	ND	(12) [123.3045]	ND	(11) [114.4164]
Arsenic	ND	(30) [100.8064]	ND	(31) [102.0408]	ND	(37) [123.3045]	ND	(34) [114.4164]
Barium	160	(1) [100.8064]	190	(1) [102.0408]	150	(1.2) [123.3045]	180	(1.1) [114.4164]
Beryllium	ND	(0.2) [100.8064]	ND	(0.2) [102.0408]	ND	(0.25) [123.3045]	ND	(0.23) [114.4164]
Cadmium	ND	(0.5) [100.8064]	0.6	(0.51) [102.0408]	ND	(0.62) [123.3045]	ND	(0.57) [114.4164]
Calcium	13000	(100) [100.8064]	10000	(100) [102.0408]	12000	(120) [123.3045]	16000	(110) [114.4164]
Chromium	20	(1) [100.8064]	20	(1) [102.0408]	20	(1.2) [123.3045]	23	(1.1) [114.4164]
Cobalt	11	(1) [100.8064]	11	(1) [102.0408]	11	(1.2) [123.3045]	11	(1.1) [114.4164]
Copper	23	(2) [100.8064]	26	(2) [102.0408]	27	(2.5) [123.3045]	32	(2.3) [114.4164]
Iron	21000	(5) [100.8064]	20000	(5.1) [102.0408]	20000	(6.2) [123.3045]	22000	(5.7) [114.4164]
Lead	13	(5) [100.8064]	71	(5.1) [102.0408]	37	(6.2) [123.3045]	14	(5.7) [114.4164]
Magnesium	6800	(100) [100.8064]	6400	(100) [102.0408]	6700	(120) [123.3045]	7600	(110) [114.4164]
Manganese	370	(1) [100.8064]	310	(1) [102.0408]	320	(1.2) [123.3045]	440	(1.1) [114.4164]
Molybdenum	ND	(5) [100.8064]	ND	(5.1) [102.0408]	ND	(6.2) [123.3045]	ND	(5.7) [114.4164]
Nickel	24	(2) [100.8064]	23	(2) [102.0408]	26	(2.5) [123.3045]	28	(2.3) [114.4164]
Potassium	850	(300) [100.8064]	1100	(310) [102.0408]	1000	(370) [123.3045]	1100	(340) [114.4164]
Selenium	ND	(30) [100.8064]	ND	(31) [102.0408]	ND	(37) [123.3045]	ND	(34) [114.4164]
Silver	ND	(1) [100.8064]	ND	(1) [102.0408]	ND	(1.2) [123.3045]	ND	(1.1) [114.4164]
Sodium	260	(100) [100.8064]	230	(100) [102.0408]	280	(120) [123.3045]	340	(110) [114.4164]
Thallium	ND	(10) [100.8064]	ND	(10) [102.0408]	ND	(12) [123.3045]	ND	(11) [114.4164]
Vanadium	34	(2) [100.8064]	31	(2) [102.0408]	35	(2.5) [123.3045]	38	(2.3) [114.4164]
Zinc	60	(2) [100.8064]	83	(2) [102.0408]	64	(2.5) [123.3045]	72	(2.3) [114.4164]
SW7060 - Arsenic (mg/kg)	8.8	(0.76) [189.3939]	8.2	(0.68) [169.7504]	9.4	(0.98) [244.2002]	9.4	(0.84) [210.5263]
Arsenic								
SW7421 - Lead (mg/kg)	6.5	(0.57) [189.3939]	82	(5.1) [1697.504]	28	(1.5) [488.4004]	13	(1.3) [421.0526]
Lead								

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG.	DEPTH -	END	DEPTH (FT.)
	01	01	01	01
	01-SB-01	01-SB-02	01-SB-02	01-SB-02
	01-SB-01-03	01-SB-02-01	01-SB-02-02	01-SB-02-03
	12 - 15	3 - 5	5 - 7	12 - 15

SW7471 - Mercury (mg/kg)	0.095 B	(0.045) [250.0000]	0.084 B	(0.042) [232.5581]
Mercury			0.11	(0.048) [267.0940]
SW7740 - Selenium (mg/kg)	ND	(0.47) [94.69696]	ND	(0.61) [122.1001]
Selenium			ND	(0.53) [105.2631]
SW846 - Percent Moisture (%)	20	() [1]	14	() [1]
Percent moisture			22	() [1]
			24	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		01			
	01-SD-01 01-SD-01-01 0 - 0.5	01-SD-01 01-SD-01-01 0 - 0.5	01-SD-02 01-SD-02-01 0 - 0.5	01-SD-02 01-SD-02-01 0 - 0.5	01-SD-03 Dup of 01-SD-02-01 0 - 0.5	01-SD-03 Dup of 01-SD-02-01 0 - 0.5		
BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID			
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID		
SW6010 - Metals (mg/kg)								
Aluminum	12000	(20) [102.0408]	13000	(20) [99.0099]	11000	(20) [102.0408]	12000	(19) [95.23809]
Antimony	ND	(10) [102.0408]	16	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]
Arsenic	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]
Barium	190	(1) [102.0408]	200	(0.99) [99.0099]	180	(1) [102.0408]	190	(0.95) [95.23809]
Beryllium	0.25	(0.2) [102.0408]	0.3	(0.2) [99.0099]	0.21	(0.2) [102.0408]	0.24	(0.19) [95.23809]
Cadmium	ND	(0.51) [102.0408]	0.69	(0.5) [99.0099]	0.68	(0.51) [102.0408]	ND	(0.48) [95.23809]
Calcium	13000	(100) [102.0408]	14000	(99) [99.0099]	14000	(100) [102.0408]	14000	(95) [95.23809]
Chromium	26	(1) [102.0408]	25	(0.99) [99.0099]	23	(1) [102.0408]	24	(0.95) [95.23809]
Cobalt	12	(1) [102.0408]	12	(0.99) [99.0099]	11	(1) [102.0408]	11	(0.95) [95.23809]
Copper	30	(2) [102.0408]	30	(2) [99.0099]	28	(2) [102.0408]	28	(1.9) [95.23809]
Iron	23000	(5.1) [102.0408]	24000	(5) [99.0099]	23000	(5.1) [102.0408]	23000	(4.8) [95.23809]
Lead	22	(5.1) [102.0408]	10	(5) [99.0099]	10	(5.1) [102.0408]	8	(4.8) [95.23809]
Magnesium	7500	(100) [102.0408]	7900	(99) [99.0099]	7600	(100) [102.0408]	7600	(95) [95.23809]
Manganese	410	(1) [102.0408]	430	(0.99) [99.0099]	420	(1) [102.0408]	410	(0.95) [95.23809]
Molybdenum	ND	(5.1) [102.0408]	ND	(5) [99.0099]	ND	(5.1) [102.0408]	ND	(4.8) [95.23809]
Nickel	28	(2) [102.0408]	29	(2) [99.0099]	28	(2) [102.0408]	27	(1.9) [95.23809]
Potassium	1400	(310) [102.0408]	1400	(300) [99.0099]	1300	(310) [102.0408]	1400	(290) [95.23809]
Selenium	ND	(31) [102.0408]	ND	(30) [99.0099]	ND	(31) [102.0408]	ND	(29) [95.23809]
Silver	ND	(1) [102.0408]	ND	(0.99) [99.0099]	ND	(1) [102.0408]	ND	(0.95) [95.23809]
Sodium	400	(100) [102.0408]	420	(99) [99.0099]	340	(100) [102.0408]	400	(95) [95.23809]
Thallium	ND	(10) [102.0408]	ND	(9.9) [99.0099]	ND	(10) [102.0408]	ND	(9.5) [95.23809]
Vanadium	42	(2) [102.0408]	43	(2) [99.0099]	38	(2) [102.0408]	40	(1.9) [95.23809]
Zinc	77	(2) [102.0408]	78	(2) [99.0099]	74	(2) [102.0408]	74	(1.9) [95.23809]
SW7060 - Arsenic (mg/kg)								
Arsenic	11	(0.82) [204.2483]	10	(0.79) [198.4126]	11	(0.82) [204.0816]	10	(0.76) [190.3311]
SW7421 - Lead (mg/kg)								
Lead	13	(1.2) [408.4967]	5.4	(1.2) [391.3894]	9.7	(1.2) [408.1632]	8.1	(1.2) [386.1003]

Compiled: 21 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	01	01			
	01-SD-01	01-SD-02			
SW7471 - Mercury (mg/kg)	0.15	0.15	0.15	01-SD-01	01-SD-01
Mercury	(0.063) [350.1400]	(0.066) [365.4970]	0.13	(0.051) [285.7142]	(0.063) [352.1126]
SW7740 - Selenium (mg/kg)	0.57	0.6	ND	(0.51) [102.1241]	(0.48) [96.52509]
Selenium	(0.51) [102.1241]	(0.5) [99.20634]	ND	(0.51) [102.0408]	(0.48) [96.52509]
SW846 - Percent Moisture (%)	32	28	30	()	()
Percent moisture	()	[1]	[1]	()	[1]

01-SD-01 Dup of 01-SD-01-01
0 - 0.5

01-SD-02 Dup of 01-SD-02-01
0 - 0.5

01-DS-03 Dup of 01-SD-02-01
0 - 0.5

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	01		01		01	
	LOCATION ID	01-SS-01	01-SS-02	01-SS-03	01-SS-04	01-SS-05
	SAMPLE ID	01-SS-01-01	01-SS-02-01	01-SS-03-01	01-SS-04-01	01-SS-05-01
	BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW6010 - Metals (mg/kg)						
Aluminum	9500	(16) [77.51938]	(15) [72.9927]	(18) [90.90908]	(16) [81.30081]	
Antimony	ND	(7.8) [77.51938]	(7.3) [72.9927]	(9.1) [90.90908]	(8.1) [81.30081]	
Arsenic	ND	(23) [77.51938]	(22) [72.9927]	(27) [90.90908]	(24) [81.30081]	
Barium	160	(0.78) [77.51938]	(0.73) [72.9927]	(0.91) [90.90908]	(0.81) [81.30081]	
Beryllium	0.24	(0.16) [77.51938]	(0.15) [72.9927]	(0.18) [90.90908]	(0.16) [81.30081]	
Cadmium	ND	(0.39) [77.51938]	(0.36) [72.9927]	(0.45) [90.90908]	(0.41) [81.30081]	
Calcium	9400	(78) [77.51938]	(73) [72.9927]	(91) [90.90908]	(81) [81.30081]	
Chromium	21	(0.78) [77.51938]	(0.73) [72.9927]	(0.91) [90.90908]	(0.81) [81.30081]	
Cobalt	11	(0.78) [77.51938]	(0.73) [72.9927]	(0.91) [90.90908]	(0.81) [81.30081]	
Copper	22	(1.6) [77.51938]	(1.5) [72.9927]	(1.8) [90.90908]	(1.6) [81.30081]	
Iron	19000	(3.9) [77.51938]	(3.6) [72.9927]	(4.5) [90.90908]	(4.1) [81.30081]	
Lead	30	(3.9) [77.51938]	(3.6) [72.9927]	(4.5) [90.90908]	(4.1) [81.30081]	
Magnesium	6100	(78) [77.51938]	(73) [72.9927]	(91) [90.90908]	(81) [81.30081]	
Manganese	360	(0.78) [77.51938]	(0.73) [72.9927]	(0.91) [90.90908]	(0.81) [81.30081]	
Molybdenum	ND	(3.9) [77.51938]	(3.6) [72.9927]	(4.5) [90.90908]	(4.1) [81.30081]	
Nickel	25	(1.6) [77.51938]	(1.5) [72.9927]	(1.8) [90.90908]	(1.6) [81.30081]	
Potassium	940	(230) [77.51938]	(220) [72.9927]	(270) [90.90908]	(240) [81.30081]	
Selenium	ND	(23) [77.51938]	(22) [72.9927]	(27) [90.90908]	(24) [81.30081]	
Silver	ND	(0.78) [77.51938]	(0.73) [72.9927]	(0.91) [90.90908]	(0.81) [81.30081]	
Sodium	280	(78) [77.51938]	(73) [72.9927]	(91) [90.90908]	(81) [81.30081]	
Thallium	ND	(7.8) [77.51938]	(7.3) [72.9927]	(9.1) [90.90908]	(8.1) [81.30081]	
Vanadium	34	(1.6) [77.51938]	(1.5) [72.9927]	(1.8) [90.90908]	(1.6) [81.30081]	
Zinc	76	(1.6) [77.51938]	(1.5) [72.9927]	(1.8) [90.90908]	(1.6) [81.30081]	
SW7060 - Arsenic (mg/kg)						
Arsenic	9.4	(0.65) [161.9433]	(0.56) [140.3272]	(0.68) [168.8618]	(0.63) [156.3843]	
SW7421 - Lead (mg/kg)						
Lead	37	(2.4) [809.7165]	(2.1) [701.6362]	(5.1) [1688.618]	(2.3) [781.9219]	

() = Detection Limit [] = Factor ND = Not Detected MA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH	(FT.)	
SW7471 - Mercury (mg/kg)	01	01	01	01
Mercury	01-SS-01	01-SS-02	01-SS-03	01-SS-04
SW7740 - Selenium (mg/kg)	01-SS-01-01	01-SS-02-01	01-SS-03-01	01-SS-04-01
Selenium	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW846 - Percent Moisture (%)				
Percent moisture	0.13	0.061 B	ND	0.07 B
	(0.047) [263.1578]	(0.039) [216.3378]	ND	(0.051) [283.4467]
	ND	ND	ND	ND
	(0.4) [80.97165]	(0.35) [70.16362]	ND	(0.42) [84.43093]
	5	3.7	16	13
	() [1]	() [1]	() [1]	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		01			
	01-SS-05 0 - 0.5	01-SS-06 0 - 0.5	01-SS-07 0 - 0.5	01-SS-07 0 - 0.5	01-DS-02 Dup of 01-SS-07-01 0 - 0.5	01-SS-07 0 - 0.5		
SW6010 - Metals (mg/kg)								
Aluminum	10000	(15) [75.75757]	9000	(16) [78.74015]	6500	(14) [71.42857]	6300	(16) [81.30081]
Antimony	ND	(7.6) [75.75757]	ND	(7.9) [78.74015]	ND	(7.1) [71.42857]	ND	(8.1) [81.30081]
Arsenic	ND	(23) [75.75757]	ND	(24) [78.74015]	ND	(21) [71.42857]	ND	(24) [81.30081]
Barium	180	(0.76) [75.75757]	260	(0.79) [78.74015]	200	(0.71) [71.42857]	200	(0.81) [81.30081]
Beryllium	0.25	(0.15) [75.75757]	0.21	(0.16) [78.74015]	0.16	(0.14) [71.42857]	ND	(0.16) [81.30081]
Cadmium	ND	(0.38) [75.75757]	ND	(0.39) [78.74015]	0.81	(0.36) [71.42857]	0.86	(0.41) [81.30081]
Calcium	11000	(76) [75.75757]	8800	(79) [78.74015]	4400	(71) [71.42857]	4100	(81) [81.30081]
Chromium	28	(0.76) [75.75757]	24	(0.79) [78.74015]	15	(0.71) [71.42857]	15	(0.81) [81.30081]
Cobalt	12	(0.76) [75.75757]	10	(0.79) [78.74015]	8.6	(0.71) [71.42857]	7.5	(0.81) [81.30081]
Copper	27	(1.5) [75.75757]	20	(1.6) [78.74015]	18	(1.4) [71.42857]	17	(1.6) [81.30081]
Iron	20000	(3.8) [75.75757]	18000	(3.9) [78.74015]	14000	(3.6) [71.42857]	13000	(4.1) [81.30081]
Lead	59	(3.8) [75.75757]	66	(3.9) [78.74015]	53	(3.6) [71.42857]	58	(4.1) [81.30081]
Magnesium	7100	(76) [75.75757]	5600	(79) [78.74015]	4000	(71) [71.42857]	3900	(81) [81.30081]
Manganese	350	(0.76) [75.75757]	320	(0.79) [78.74015]	180	(0.71) [71.42857]	180	(0.81) [81.30081]
Molybdenum	ND	(3.8) [75.75757]	ND	(3.9) [78.74015]	ND	(3.6) [71.42857]	ND	(4.1) [81.30081]
Nickel	26	(1.5) [75.75757]	22	(1.6) [78.74015]	19	(1.4) [71.42857]	16	(1.6) [81.30081]
Potassium	1500	(230) [75.75757]	970	(240) [78.74015]	720	(210) [71.42857]	740	(240) [81.30081]
Selenium	ND	(23) [75.75757]	ND	(24) [78.74015]	ND	(21) [71.42857]	ND	(24) [81.30081]
Silver	ND	(0.76) [75.75757]	ND	(0.79) [78.74015]	ND	(0.71) [71.42857]	ND	(0.81) [81.30081]
Sodium	310	(76) [75.75757]	280	(79) [78.74015]	150	(71) [71.42857]	160	(81) [81.30081]
Thallium	ND	(7.6) [75.75757]	ND	(7.9) [78.74015]	ND	(7.1) [71.42857]	ND	(8.1) [81.30081]
Vanadium	36	(1.5) [75.75757]	34	(1.6) [78.74015]	24	(1.4) [71.42857]	23	(1.6) [81.30081]
Zinc	83	(1.5) [75.75757]	76	(1.6) [78.74015]	100	(1.4) [71.42857]	100	(1.6) [81.30081]
SW7060 - Arsenic (mg/kg)	7.3	(0.64) [161.1317]	7.3	(0.6) [149.2760]	4.4	(0.29) [71.63836]	4.6	(0.33) [83.64001]
Arsenic								
SW7421 - Lead (mg/kg)	68	(4.8) [1611.317]	65	(4.5) [1492.760]	73	(4.3) [1432.767]	87	(5) [1672.800]
Lead								

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	01-DS-02 Dup of 01-SS-07-01 0 - 0.5
	01	01				
SW7471 - Mercury (mg/kg)	ND	(0.045) [250.8528]	ND	(0.051) [284.8029]	ND	(0.042) [231.9109]
Mercury						
SW7740 - Selenium (mg/kg)	ND	(0.4) [80.56589]	ND	(0.37) [74.63800]	ND	(0.42) [83.64001]
Selenium						
SW846 - Percent Moisture (%)	9.4	() [1]	7.6	() [1]	1	() [1]
Percent moisture						

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	01		01		04		04	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-SS-08	01-SS-09	01-SS-10	01-SS-10-01	04-MW-01	04-MW-01-02		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		4 - 6		
	BEG. DEPTH - END DEPTH (FT.)							
SW6010 - Metals (mg/kg)								
Aluminum	6800	(15) [74.07407]	11000	(17) [82.64462]	5700	(15) [73.52941]	10000	(31) [155.0868]
Antimony	ND	(7.4) [74.07407]	ND	(8.3) [82.64462]	ND	(7.4) [73.52941]	ND	(16) [155.0868]
Arsenic	ND	(22) [74.07407]	ND	(25) [82.64462]	ND	(22) [73.52941]	ND	(47) [155.0868]
Barium	120	(0.74) [74.07407]	180	(0.83) [82.64462]	99	(0.74) [73.52941]	180	(1.6) [155.0868]
Beryllium	0.16	(0.15) [74.07407]	0.26	(0.17) [82.64462]	0.15	(0.15) [73.52941]	ND	(0.31) [155.0868]
Cadmium	ND	(0.37) [74.07407]	ND	(0.41) [82.64462]	ND	(0.37) [73.52941]	ND	(0.78) [155.0868]
Calcium	8800	(74) [74.07407]	12000	(83) [82.64462]	4500	(74) [73.52941]	14000	(160) [155.0868]
Chromium	15	(0.74) [74.07407]	24	(0.83) [82.64462]	12	(0.74) [73.52941]	23	(1.6) [155.0868]
Cobalt	7.5	(0.74) [74.07407]	12	(0.83) [82.64462]	6.7	(0.74) [73.52941]	12	(1.6) [155.0868]
Copper	16	(1.5) [74.07407]	27	(1.7) [82.64462]	12	(1.5) [73.52941]	27	(3.1) [155.0868]
Iron	14000	(3.7) [74.07407]	23000	(4.1) [82.64462]	11000	(3.7) [73.52941]	23000	(7.8) [155.0868]
Lead	17	(3.7) [74.07407]	7.5	(4.1) [82.64462]	18	(3.7) [73.52941]	15	(7.8) [155.0868]
Magnesium	4600	(74) [74.07407]	7500	(83) [82.64462]	3100	(74) [73.52941]	7300	(160) [155.0868]
Manganese	260	(0.74) [74.07407]	410	(0.83) [82.64462]	220	(0.74) [73.52941]	430	(1.6) [155.0868]
Molybdenum	ND	(3.7) [74.07407]	ND	(4.1) [82.64462]	ND	(3.7) [73.52941]	ND	(7.8) [155.0868]
Nickel	18	(1.5) [74.07407]	28	(1.7) [82.64462]	14	(1.5) [73.52941]	27	(3.1) [155.0868]
Potassium	660	(220) [74.07407]	1300	(250) [82.64462]	500	(220) [73.52941]	1100	(470) [155.0868]
Selenium	ND	(22) [74.07407]	ND	(25) [82.64462]	ND	(22) [73.52941]	ND	(47) [155.0868]
Silver	ND	(0.74) [74.07407]	ND	(0.83) [82.64462]	ND	(0.74) [73.52941]	ND	(1.6) [155.0868]
Sodium	210	(74) [74.07407]	340	(83) [82.64462]	160	(74) [73.52941]	330	(160) [155.0868]
Thallium	ND	(7.4) [74.07407]	ND	(8.3) [82.64462]	ND	(7.4) [73.52941]	ND	(16) [155.0868]
Vanadium	24	(1.5) [74.07407]	39	(1.7) [82.64462]	23	(1.5) [73.52941]	39	(3.1) [155.0868]
Zinc	47	(1.5) [74.07407]	68	(1.7) [82.64462]	47	(1.5) [73.52941]	67	(3.1) [155.0868]
SW7060 - Arsenic (mg/kg)								
Arsenic	7.1	(0.63) [156.4688]	10	(0.66) [165.7138]	4.1	(0.29) [72.24180]	12	(1.1) [279.4388]
SW7421 - Lead (mg/kg)								
Lead	21	(2.3) [782.3440]	10	(0.99) [331.4276]	18	(2.2) [722.4180]	9.1	(0.83) [278.0867]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION	UNITS	REMARKS
	LOCATION ID	SAMPLE ID				
	01	04				
SW7471 - Mercury (mg/kg)	01-SS-08 0 - 0.5	01-SS-09 0 - 0.5	ND	(0.04) [223.2940]	ND	(0.04) [246.9135]
Mercury	01-SS-08-01 0 - 0.5	01-SS-09-01 0 - 0.5	ND	(0.39) [78.23440]	ND	(0.41) [82.85690]
SW7740 - Selenium (mg/kg)	01-SS-10 0 - 0.5	01-SS-10-01 0 - 0.5	ND	(0.04) [224.5777]	0.17	(0.076) [424.4482]
Selenium	01-SS-10-01 0 - 0.5	01-SS-10-01 0 - 0.5	ND	(0.36) [72.24180]	ND	(0.7) [139.0433]
SW846 - Percent Moisture (%)			6.7	() [1]	19	() [1]
Percent moisture				() [1]	3.2	() [1]
				() [1]	38	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID				
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)				
SW6010 - Metals (mg/kg)								
Aluminum	16000	(25) [124.9999]	14000	(24) [120.4819]	13000	(29) [145.1378]	5400	(17) [83.33333]
Antimony	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]
Arsenic	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]
Barium	230	(1.2) [124.9999]	220	(1.2) [120.4819]	240	(1.5) [145.1378]	70	(0.83) [83.33333]
Beryllium	0.38	(0.25) [124.9999]	0.34	(0.24) [120.4819]	ND	(0.29) [145.1378]	ND	(0.17) [83.33333]
Cadmium	ND	(0.62) [124.9999]	ND	(0.6) [120.4819]	ND	(0.73) [145.1378]	ND	(0.42) [83.33333]
Calcium	11000	(120) [124.9999]	12000	(120) [120.4819]	15000	(150) [145.1378]	4300	(83) [83.33333]
Chromium	32	(1.2) [124.9999]	30	(1.2) [120.4819]	28	(1.5) [145.1378]	9.7	(0.83) [83.33333]
Cobalt	13	(1.2) [124.9999]	13	(1.2) [120.4819]	12	(1.5) [145.1378]	7	(0.83) [83.33333]
Copper	35	(2.5) [124.9999]	33	(2.4) [120.4819]	40	(2.9) [145.1378]	9.7	(1.7) [83.33333]
Iron	28000	(6.2) [124.9999]	26000	(6) [120.4819]	26000	(7.3) [145.1378]	11000	(4.2) [83.33333]
Lead	14	(6.2) [124.9999]	14	(6) [120.4819]	13	(7.3) [145.1378]	ND	(4.2) [83.33333]
Magnesium	8000	(120) [124.9999]	7800	(120) [120.4819]	8000	(150) [145.1378]	2600	(83) [83.33333]
Manganese	400	(1.2) [124.9999]	410	(1.2) [120.4819]	410	(1.5) [145.1378]	200	(0.83) [83.33333]
Molybdenum	ND	(6.2) [124.9999]	ND	(6) [120.4819]	ND	(7.3) [145.1378]	ND	(4.2) [83.33333]
Nickel	32	(2.5) [124.9999]	31	(2.4) [120.4819]	32	(2.9) [145.1378]	17	(1.7) [83.33333]
Potassium	1600	(370) [124.9999]	1300	(360) [120.4819]	1100	(440) [145.1378]	320	(250) [83.33333]
Selenium	ND	(37) [124.9999]	ND	(36) [120.4819]	ND	(44) [145.1378]	ND	(25) [83.33333]
Silver	ND	(1.2) [124.9999]	ND	(1.2) [120.4819]	ND	(1.5) [145.1378]	ND	(0.83) [83.33333]
Sodium	500	(120) [124.9999]	410	(120) [120.4819]	380	(150) [145.1378]	ND	(83) [83.33333]
Thallium	ND	(12) [124.9999]	ND	(12) [120.4819]	ND	(15) [145.1378]	ND	(8.3) [83.33333]
Vanadium	54	(2.5) [124.9999]	47	(2.4) [120.4819]	44	(2.9) [145.1378]	20	(1.7) [83.33333]
Zinc	87	(2.5) [124.9999]	81	(2.4) [120.4819]	92	(2.9) [145.1378]	27	(1.7) [83.33333]
SW7060 - Arsenic (mg/kg)								
Arsenic	14	(0.91) [227.8682]	12	(0.94) [235.2941]	11	(0.74) [185.0652]	4.2	(0.34) [85.02822]
SW7421 - Lead (mg/kg)								
Lead	8.8	(0.68) [227.8682]	8.2	(0.71) [235.2941]	10	(1.1) [366.7033]	2.7 B	(0.26) [85.02822]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
	04	04	04-MW-03	04-MW-04	04-MW-03-02	04-MW-04-02	5 - 6.5	4 - 6				
SW7471 - Mercury (mg/kg)	0.16	(0.067)	[373.1343]	0.15	(0.058)	[319.6930]	0.26	(0.11)	[617.2839]	0.076 B	(0.039)	[216.1134]
SW7740 - Selenium (mg/kg)	ND	(0.57)	[113.9341]	ND	(0.59)	[117.6470]	ND	(0.92)	[183.3516]	ND	(0.43)	[85.02822]
SW846 - Percent Moisture (%)	33	()	[1]	32	()	[1]	47	()	[1]	3.6	()	[1]
Percent moisture												

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	04		04		04		04		04	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)									
	04-SD-02	04-SD-02	04-SD-02	04-SD-02	04-SD-03	04-SD-03	04-SD-04	04-SD-04	04-SD-04	04-SD-04
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-02-01	04-SD-03-01	04-SD-03-01	04-SD-04-01	04-SD-04-01	04-SD-04-01	04-SD-04-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW6010 - Metals (mg/kg)										
Aluminum	12000	(22) [112.3595]	12000	(19) [95.23809]	12000	(23) [114.9425]	14000	(26) [129.8701]		
Antimony	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Arsenic	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Barium	180	(1.1) [112.3595]	180	(0.95) [95.23809]	190	(1.1) [114.9425]	220	(1.3) [129.8701]		
Beryllium	0.26	(0.22) [112.3595]	0.26	(0.19) [95.23809]	0.3	(0.23) [114.9425]	0.35	(0.26) [129.8701]		
Cadmium	ND	(0.56) [112.3595]	ND	(0.48) [95.23809]	ND	(0.57) [114.9425]	ND	(0.65) [129.8701]		
Calcium	15000	(110) [112.3595]	16000	(95) [95.23809]	15000	(110) [114.9425]	13000	(130) [129.8701]		
Chromium	25	(1.1) [112.3595]	25	(0.95) [95.23809]	25	(1.1) [114.9425]	30	(1.3) [129.8701]		
Cobalt	12	(1.1) [112.3595]	11	(0.95) [95.23809]	12	(1.1) [114.9425]	13	(1.3) [129.8701]		
Copper	26	(2.2) [112.3595]	26	(1.9) [95.23809]	27	(2.3) [114.9425]	31	(2.6) [129.8701]		
Iron	23000	(5.6) [112.3595]	22000	(4.8) [95.23809]	23000	(5.7) [114.9425]	26000	(6.5) [129.8701]		
Lead	6.8	(5.6) [112.3595]	ND	(4.8) [95.23809]	8.5	(5.7) [114.9425]	7.8	(6.5) [129.8701]		
Magnesium	7500	(110) [112.3595]	7900	(95) [95.23809]	7500	(110) [114.9425]	7900	(130) [129.8701]		
Manganese	390	(1.1) [112.3595]	350	(0.95) [95.23809]	430	(1.1) [114.9425]	470	(1.3) [129.8701]		
Molybdenum	ND	(5.6) [112.3595]	ND	(4.8) [95.23809]	ND	(5.7) [114.9425]	ND	(6.5) [129.8701]		
Nickel	27	(2.2) [112.3595]	27	(1.9) [95.23809]	29	(2.3) [114.9425]	32	(2.6) [129.8701]		
Potassium	990	(340) [112.3595]	980	(290) [95.23809]	1200	(340) [114.9425]	1600	(390) [129.8701]		
Selenium	ND	(34) [112.3595]	ND	(29) [95.23809]	ND	(34) [114.9425]	ND	(39) [129.8701]		
Silver	ND	(1.1) [112.3595]	ND	(0.95) [95.23809]	ND	(1.1) [114.9425]	ND	(1.3) [129.8701]		
Sodium	430	(110) [112.3595]	460	(95) [95.23809]	410	(110) [114.9425]	450	(130) [129.8701]		
Thallium	ND	(11) [112.3595]	ND	(9.5) [95.23809]	ND	(11) [114.9425]	ND	(13) [129.8701]		
Vanadium	42	(2.2) [112.3595]	43	(1.9) [95.23809]	42	(2.3) [114.9425]	48	(2.6) [129.8701]		
Zinc	62	(2.2) [112.3595]	64	(1.9) [95.23809]	71	(2.3) [114.9425]	79	(2.6) [129.8701]		
SW7060 - Arsenic (mg/kg)										
Arsenic	11	(0.79) [198.275]	12	(0.8) [200.5012]	12	(1) [250.4382]	13	(1.1) [268.8172]		
SW7421 - Lead (mg/kg)										
Lead	5.9	(0.3) [99.13750]	7.1	(0.6) [200.5012]	7.8	(0.75) [250.4382]	9.6	(0.81) [268.8172]		

Compiled: 21 March 1995

() = Detection Limit . [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	04 04-SD-02	04 04-SD-02	04 04-SD-03	04 04-SD-04
SW7740 - Selenium (mg/kg)	04-SD-02-01 0 - 0.5	Dup of 04-SD-02-01 0 - 0.5	04-SD-03-01 0 - 0.5	04-SD-04-01 0 - 0.5
Selenium	0.13 (0.049) [270.5627]	0.14 (0.063) [350.8771]	0.16 (0.072) [398.7240]	0.16 (0.058) [322.5806]
SW846 - Percent Moisture (%)	ND (0.5) [99.13750]	ND (0.5) [100.2506]	ND (0.63) [125.2191]	ND (0.67) [134.4086]
Percent moisture	23 () [1]	25 () [1]	34 () [1]	38 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	04	04	04	04
	04-SS-01	04-SS-01	04-SS-02	04-SS-03
	04-SS-01-01	Dup of 04-SS-01-01	04-SS-02-01	04-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW6010 - Metals (mg/kg)				
Aluminum	13000	(29) [147.0588]	14000	(28) [138.8888]
Antimony	ND	(15) [147.0588]	ND	(14) [138.8888]
Arsenic	ND	(44) [147.0588]	ND	(42) [138.8888]
Barium	210	(1.5) [147.0588]	250	(1.4) [138.8888]
Beryllium	0.3	(0.29) [147.0588]	0.36	(0.28) [138.8888]
Cadmium	ND	(0.74) [147.0588]	ND	(0.69) [138.8888]
Calcium	13000	(150) [147.0588]	15000	(140) [138.8888]
Chromium	27	(1.5) [147.0588]	30	(1.4) [138.8888]
Cobalt	12	(1.5) [147.0588]	14	(1.4) [138.8888]
Copper	37	(2.9) [147.0588]	36	(2.8) [138.8888]
Iron	24000	(7.4) [147.0588]	27000	(6.9) [138.8888]
Lead	7.7	(7.4) [147.0588]	8.4	(6.9) [138.8888]
Magnesium	7500	(150) [147.0588]	8700	(140) [138.8888]
Manganese	440	(1.5) [147.0588]	540	(1.4) [138.8888]
Molybdenum	ND	(7.4) [147.0588]	ND	(6.9) [138.8888]
Nickel	31	(2.9) [147.0588]	34	(2.8) [138.8888]
Potassium	1200	(440) [147.0588]	1100	(420) [138.8888]
Selenium	ND	(44) [147.0588]	ND	(42) [138.8888]
Silver	ND	(1.5) [147.0588]	ND	(1.4) [138.8888]
Sodium	410	(150) [147.0588]	470	(140) [138.8888]
Thallium	ND	(15) [147.0588]	ND	(14) [138.8888]
Vanadium	42	(2.9) [147.0588]	48	(2.8) [138.8888]
Zinc	82	(2.9) [147.0588]	74	(2.8) [138.8888]
SW7060 - Arsenic (mg/kg)				
Arsenic	12	(1.2) [297.6190]	15	(1) [260.1456]
SW7421 - Lead (mg/kg)				
Lead	11	(0.89) [297.6190]	9.2	(0.78) [260.1456]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID		
	04	04					
	04-SS-01 0 - 0.5	04-SS-02 0 - 0.5					
SW7471 - Mercury (mg/kg)	0.2	(0.085) [469.9248]	NA	0.18	(0.069) [384.0245]	0.18	(0.082) [455.3734]
Mercury							
SW7740 - Selenium (mg/kg)	ND	(0.74) [148.8095]	NA	ND	(0.65) [130.0728]	ND	(0.59) [117.9384]
Selenium							
SW846 - Percent Moisture (%)	44	() [1]	() [1]	38	() [1]	39	() [1]
Percent moisture							

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	05 05-MW-01 05-MW-02-02 0 - 0.5	05 05-MW-02 05-MW-02-02 7 - 9	05 05-MW-03 05-MW-03-02 8 - 12	05 05-MW-03 05-MW-03-02 8 - 12	05 05-DS-02 Dup of 05-MW-03-02 8 - 12
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID						
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID						
SW6010 - Metals (mg/kg)										
Aluminum	12000	(19)	[97]	8800	(17) [83.33333]	8300	(19) [92.59258]	7500	(17) [85.47008]	
Antimony	ND	(9.7)	[97]	ND	(8.3) [83.33333]	ND	(9.3) [92.59258]	ND	(8.5) [85.47008]	
Arsenic	ND	(29)	[97]	ND	(25) [83.33333]	ND	(28) [92.59258]	ND	(26) [85.47008]	
Barium	210	(0.97)	[97]	150	(0.83) [83.33333]	150	(0.93) [92.59258]	140	(0.85) [85.47008]	
Beryllium	0.24	(0.19)	[97]	0.19	(0.17) [83.33333]	ND	(0.19) [92.59258]	ND	(0.17) [85.47008]	
Cadmium	ND	(0.48)	[97]	ND	(0.42) [83.33333]	ND	(0.46) [92.59258]	ND	(0.43) [85.47008]	
Calcium	16000	(97)	[97]	9700	(83) [83.33333]	13000	(93) [92.59258]	12000	(85) [85.47008]	
Chromium	25	(0.97)	[97]	17	(0.83) [83.33333]	18	(0.93) [92.59258]	16	(0.85) [85.47008]	
Cobalt	10	(0.97)	[97]	8	(0.83) [83.33333]	8.3	(0.93) [92.59258]	7.7	(0.85) [85.47008]	
Copper	30	(1.9)	[97]	22	(1.7) [83.33333]	36	(1.9) [92.59258]	33	(1.7) [85.47008]	
Iron	24000	(4.8)	[97]	15000	(4.2) [83.33333]	18000	(4.6) [92.59258]	17000	(4.3) [85.47008]	
Lead	6.6	(4.8)	[97]	10	(4.2) [83.33333]	ND	(4.6) [92.59258]	5.3	(4.3) [85.47008]	
Magnesium	8400	(97)	[97]	4900	(83) [83.33333]	6100	(93) [92.59258]	5700	(85) [85.47008]	
Manganese	440	(0.97)	[97]	270	(0.83) [83.33333]	290	(0.93) [92.59258]	300	(0.85) [85.47008]	
Molybdenum	ND	(4.8)	[97]	ND	(4.2) [83.33333]	ND	(4.6) [92.59258]	ND	(4.3) [85.47008]	
Nickel	30	(1.9)	[97]	19	(1.7) [83.33333]	22	(1.9) [92.59258]	24	(1.7) [85.47008]	
Potassium	1100	(290)	[97]	1100	(250) [83.33333]	690	(280) [92.59258]	590	(260) [85.47008]	
Selenium	ND	(29)	[97]	ND	(25) [83.33333]	ND	(28) [92.59258]	40	(26) [85.47008]	
Silver	ND	(0.97)	[97]	ND	(0.83) [83.33333]	ND	(0.93) [92.59258]	ND	(0.85) [85.47008]	
Sodium	440	(97)	[97]	280	(83) [83.33333]	310	(93) [92.59258]	270	(85) [85.47008]	
Thallium	ND	(9.7)	[97]	ND	(8.3) [83.33333]	ND	(9.3) [92.59258]	ND	(8.5) [85.47008]	
Vanadium	45	(1.9)	[97]	33	(1.7) [83.33333]	37	(1.9) [92.59258]	34	(1.7) [85.47008]	
Zinc	72	(1.9)	[97]	47	(1.7) [83.33333]	54	(1.9) [92.59258]	51	(1.7) [85.47008]	
SW7060 - Arsenic (mg/kg)										
Arsenic	12	(0.77)	[192.7896]	6.4	(0.66) [163.7733]	8.1	(0.69) [171.4677]	6.8	(0.71) [176.3668]	
SW7421 - Lead (mg/kg)										
Lead	6.8	(0.58)	[192.7896]	6.9	(0.49) [163.7733]	6.2	(0.51) [171.4677]	3.9	(0.26) [88.18342]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	ND	Factor	Detection Limit	Factor	Not Detected	NA	Not Applicable
	LOCATION ID	SAMPLE ID								
	05	05								
SW7471 - Mercury (mg/kg)	05-MW-01	05-MW-03	0 - 0.5	ND	()	[1]	()	[1]	()	[1]
Mercury	05-MW-02	05-MW-03	7 - 9	ND	(0.065)	[363.3720]	ND	(0.053)	[293.9447]	
SW7740 - Selenium (mg/kg)	05-MW-01-02	05-MW-03-02	0 - 0.5	ND	(0.48)	[96.39483]	ND	(0.43)	[85.73388]	
Selenium	05-MW-02-02	05-MW-03-02	7 - 9	ND	(0.41)	[81.88666]	ND	(0.43)	[86.33341]	
SW846 - Percent Moisture (%)				22	()	[1]	14	()	[1]	19
Percent moisture										

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW6010 - Metals (mg/kg)										
Aluminum	10000	(18) [89.28571]	13000	(21) [103.0927]	6000	(16) [81.96721]	11000	(18) [87.71929]		
Antimony	ND	(8.9) [89.28571]	ND	(10) [103.0927]	ND	(8.2) [81.96721]	ND	(8.8) [87.71929]		
Arsenic	ND	(27) [89.28571]	ND	(31) [103.0927]	ND	(25) [81.96721]	ND	(26) [87.71929]		
Barium	200	(0.89) [89.28571]	260	(1) [103.0927]	110	(0.82) [81.96721]	180	(0.88) [87.71929]		
Beryllium	0.21	(0.18) [89.28571]	0.49	(0.21) [103.0927]	0.19	(0.16) [81.96721]	0.21	(0.18) [87.71929]		
Cadmium	ND	(0.45) [89.28571]	0.85	(0.52) [103.0927]	0.67	(0.41) [81.96721]	ND	(0.44) [87.71929]		
Calcium	15000	(89) [89.28571]	15000	(100) [103.0927]	6700	(82) [81.96721]	15000	(88) [87.71929]		
Chromium	22	(0.89) [89.28571]	29	(1) [103.0927]	12	(0.82) [81.96721]	23	(0.88) [87.71929]		
Cobalt	11	(0.89) [89.28571]	12	(1) [103.0927]	6.1	(0.82) [81.96721]	10	(0.88) [87.71929]		
Copper	26	(1.8) [89.28571]	37	(2.1) [103.0927]	16	(1.6) [81.96721]	29	(1.8) [87.71929]		
Iron	23000	(4.5) [89.28571]	26000	(5.2) [103.0927]	13000	(4.1) [81.96721]	22000	(4.4) [87.71929]		
Lead	26	(4.5) [89.28571]	15	(5.2) [103.0927]	8.3	(4.1) [81.96721]	17	(4.4) [87.71929]		
Magnesium	7500	(89) [89.28571]	9000	(100) [103.0927]	4100	(82) [81.96721]	7800	(88) [87.71929]		
Manganese	430	(0.89) [89.28571]	460	(1) [103.0927]	240	(0.82) [81.96721]	650	(0.88) [87.71929]		
Molybdenum	ND	(4.5) [89.28571]	ND	(5.2) [103.0927]	ND	(4.1) [81.96721]	ND	(4.4) [87.71929]		
Nickel	27	(1.8) [89.28571]	34	(2.1) [103.0927]	17	(1.6) [81.96721]	28	(1.8) [87.71929]		
Potassium	980	(270) [89.28571]	1400	(310) [103.0927]	520	(250) [81.96721]	930	(260) [87.71929]		
Selenium	ND	(27) [89.28571]	ND	(31) [103.0927]	ND	(25) [81.96721]	ND	(26) [87.71929]		
Silver	ND	(0.89) [89.28571]	1.6	(1) [103.0927]	0.85	(0.82) [81.96721]	ND	(0.88) [87.71929]		
Sodium	290	(89) [89.28571]	450	(100) [103.0927]	200	(82) [81.96721]	350	(88) [87.71929]		
Thallium	ND	(8.9) [89.28571]	ND	(10) [103.0927]	ND	(8.2) [81.96721]	ND	(8.8) [87.71929]		
Vanadium	38	(1.8) [89.28571]	40	(2.1) [103.0927]	19	(1.6) [81.96721]	41	(1.8) [87.71929]		
Zinc	68	(1.8) [89.28571]	97	(2.1) [103.0927]	38	(1.6) [81.96721]	66	(1.8) [87.71929]		
SW7060 - Arsenic (mg/kg)										
Arsenic	8.8	(0.7) [176.1804]	8.7	(0.82) [203.7697]	6.2	(0.64) [159.2990]	8.8	(0.65) [161.9695]		
SW7421 - Lead (mg/kg)										
Lead	24	(1.3) [427.3504]	12	(1.2) [394.4773]	5.4	(0.48) [159.2990]	17	(0.97) [323.9390]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	05	05	05
	LOCATION ID	SAMPLE ID				
SW7471 - Mercury (mg/kg)	05	05		05	05	
Mercury	05-MW-04	05-MW-06		05-SB-01	05-SB-01	
SW7740 - Selenium (mg/kg)	05-MW-04-02	05-MW-06-02		05-SB-01-01	05-SB-01-01	
Selenium	8 - 10	7 - 9		2 - 4	2 - 4	
SW846 - Percent Moisture (%)						
Percent moisture						

Compiled: 21 Mar 1995
 () = Detection Limit [] = Factor NA = Not Detected

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

05
 05-SB-01
 05-SB-01-02
 5 - 7

05
 05-SB-01
 05-SB-01-03
 8 - 10

05
 05-SB-02
 05-SB-02-01
 2 - 4

05
 05-SB-02
 05-SB-02-02
 5 - 7

PARAMETER

SW6010 - Metals (mg/kg)

PARAMETER	11000	(19)	[96]	9100	(20)	[100]	10000	(18)	[88.49557]	13000	(18)	[90.90908]
Aluminum	ND	(9.6)	[96]	ND	(10)	[100]	ND	(8.8)	[88.49557]	ND	(9.1)	[90.90908]
Antimony	ND	(29)	[96]	ND	(30)	[100]	ND	(27)	[88.49557]	ND	(27)	[90.90908]
Arsenic	180	(0.96)	[96]	200	(1)	[100]	160	(0.88)	[88.49557]	270	(0.91)	[90.90908]
Barium	0.2	(0.19)	[96]	ND	(0.2)	[100]	0.18	(0.18)	[88.49557]	0.33	(0.18)	[90.90908]
Beryllium	ND	(0.48)	[96]	ND	(0.5)	[100]	ND	(0.44)	[88.49557]	ND	(0.45)	[90.90908]
Cadmium	14000	(96)	[96]	20000	(100)	[100]	13000	(88)	[88.49557]	18000	(91)	[90.90908]
Calcium	23	(0.96)	[96]	19	(1)	[100]	21	(0.88)	[88.49557]	28	(0.91)	[90.90908]
Chromium	10	(0.96)	[96]	8.5	(1)	[100]	8.9	(0.88)	[88.49557]	12	(0.91)	[90.90908]
Cobalt	31	(1.9)	[96]	20	(2)	[100]	33	(1.8)	[88.49557]	36	(1.8)	[90.90908]
Copper	22000	(4.8)	[96]	21000	(5)	[100]	21000	(4.4)	[88.49557]	27000	(4.5)	[90.90908]
Iron	7.2	(4.8)	[96]	ND	(5)	[100]	21	(4.4)	[88.49557]	7.1	(4.5)	[90.90908]
Lead	7500	(96)	[96]	7700	(100)	[100]	7000	(88)	[88.49557]	8900	(91)	[90.90908]
Magnesium	430	(0.96)	[96]	430	(1)	[100]	400	(0.88)	[88.49557]	600	(0.91)	[90.90908]
Manganese	ND	(4.8)	[96]	ND	(5)	[100]	ND	(4.4)	[88.49557]	ND	(4.5)	[90.90908]
Molybdenum	29	(1.9)	[96]	25	(2)	[100]	28	(1.8)	[88.49557]	36	(1.8)	[90.90908]
Nickel	920	(290)	[96]	710	(300)	[100]	850	(270)	[88.49557]	1200	(270)	[90.90908]
Potassium	ND	(29)	[96]	38	(30)	[100]	ND	(27)	[88.49557]	ND	(27)	[90.90908]
Selenium	ND	(0.96)	[96]	ND	(1)	[100]	ND	(0.88)	[88.49557]	ND	(0.91)	[90.90908]
Silver	360	(96)	[96]	370	(100)	[100]	340	(88)	[88.49557]	390	(91)	[90.90908]
Sodium	ND	(9.6)	[96]	ND	(10)	[100]	ND	(8.8)	[88.49557]	ND	(9.1)	[90.90908]
Thallium	39	(1.9)	[96]	40	(2)	[100]	38	(1.8)	[88.49557]	47	(1.8)	[90.90908]
Vanadium	69	(1.9)	[96]	53	(2)	[100]	64	(1.8)	[88.49557]	92	(1.8)	[90.90908]
Zinc												
SW7060 - Arsenic (mg/kg)	11	(0.78)	[193.8360]	9.5	(0.8)	[200.2002]	5.2	(0.35)	[86.26639]	11	(0.72)	[179.1312]
Arsenic												
SW7421 - Lead (mg/kg)	12	(1.2)	[387.6720]	6.9	(0.6)	[200.2002]	19	(1)	[345.0655]	12	(1.1)	[358.2624]
Lead												

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	05	05	05	05	05-SB-02	05-SB-02-02				
	05-SB-01-02 5 - 7	05-SB-01 8 - 10	05-SB-01 2 - 4	05-SB-02-01 2 - 4	05-SB-02 5 - 7					
SW7471 - Mercury (mg/kg)	0.094 B	(0.058) [324.6753]	0.099 B	(0.064) [355.6187]	0.061 B	(0.051) [283.4467]	ND	(0.051) [282.3263]		
Mercury	ND	(0.48) [96.91800]	ND	(0.5) [100.1001]	ND	(0.43) [86.26639]	ND	(0.45) [89.56560]		
SW7740 - Selenium (mg/kg)	23	() [1]	26	() [1]	16	() [1]	23	() [1]		
Selenium										
SW846 - Percent Moisture (%)										
Percent moisture										

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SB-02		05-SB-02		05-SB-03		05-SB-03		05-SB-03	
	05-SB-02-03		05-SB-02-04		05-SB-03-01		05-SB-03-01		05-SB-03-01	
	8 - 10		10 - 12		5 - 7		5 - 7		5 - 7	
	BEG. DEPTH - END DEPTH (FT.)									
SW6010 - Metals (mg/kg)										
Aluminum	7400	(17) [86.95652]	7000	(15) [74.62686]	13000	(19)	[93]	12000	(18) [91.74311]	
Antimony	ND	(8.7) [86.95652]	ND	(7.5) [74.62686]	ND	(9.3)	[93]	ND	(9.2) [91.74311]	
Arsenic	ND	(26) [86.95652]	ND	(22) [74.62686]	33	(28)	[93]	28	(28) [91.74311]	
Barium	130	(0.87) [86.95652]	110	(0.75) [74.62686]	190	(0.93)	[93]	260	(0.92) [91.74311]	
Beryllium	ND	(0.17) [86.95652]	ND	(0.15) [74.62686]	0.23	(0.19)	[93]	0.28	(0.18) [91.74311]	
Cadmium	ND	(0.43) [86.95652]	ND	(0.37) [74.62686]	ND	(0.46)	[93]	ND	(0.46) [91.74311]	
Calcium	12000	(87) [86.95652]	6200	(75) [74.62686]	15000	(93)	[93]	17000	(92) [91.74311]	
Chromium	15	(0.87) [86.95652]	15	(0.75) [74.62686]	26	(0.93)	[93]	26	(0.92) [91.74311]	
Cobalt	7.2	(0.87) [86.95652]	7	(0.75) [74.62686]	11	(0.93)	[93]	11	(0.92) [91.74311]	
Copper	22	(1.7) [86.95652]	19	(1.5) [74.62686]	33	(1.9)	[93]	36	(1.8) [91.74311]	
Iron	16000	(4.3) [86.95652]	14000	(3.7) [74.62686]	25000	(4.6)	[93]	27000	(4.6) [91.74311]	
Lead	ND	(4.3) [86.95652]	4.6	(3.7) [74.62686]	ND	(4.6)	[93]	7.8	(4.6) [91.74311]	
Magnesium	5800	(87) [86.95652]	4500	(75) [74.62686]	8200	(93)	[93]	8800	(92) [91.74311]	
Manganese	280	(0.87) [86.95652]	300	(0.75) [74.62686]	430	(0.93)	[93]	510	(0.92) [91.74311]	
Molybdenum	ND	(4.3) [86.95652]	ND	(3.7) [74.62686]	ND	(4.6)	[93]	ND	(4.6) [91.74311]	
Nickel	22	(1.7) [86.95652]	21	(1.5) [74.62686]	30	(1.9)	[93]	34	(1.8) [91.74311]	
Potassium	540	(260) [86.95652]	550	(220) [74.62686]	1100	(280)	[93]	980	(280) [91.74311]	
Selenium	ND	(26) [86.95652]	31	(22) [74.62686]	ND	(28)	[93]	ND	(28) [91.74311]	
Silver	ND	(0.87) [86.95652]	ND	(0.75) [74.62686]	ND	(0.93)	[93]	ND	(0.92) [91.74311]	
Sodium	260	(87) [86.95652]	210	(75) [74.62686]	400	(93)	[93]	330	(92) [91.74311]	
Thallium	ND	(8.7) [86.95652]	ND	(7.5) [74.62686]	ND	(9.3)	[93]	ND	(9.2) [91.74311]	
Vanadium	29	(1.7) [86.95652]	30	(1.5) [74.62686]	44	(1.9)	[93]	43	(1.8) [91.74311]	
Zinc	46	(1.7) [86.95652]	41	(1.5) [74.62686]	72	(1.9)	[93]	87	(1.8) [91.74311]	
SW7060 - Arsenic (mg/kg)										
Arsenic	5.1	(0.39) [98.12579]	5.8	(0.63) [158.5414]	14	(0.83)	[206.3131]	13	(1.5) [368.0529]	
SW7421 - Lead (mg/kg)										
Lead	5.7	(0.59) [196.2515]	3.6	(0.24) [79.27070]	8.4	(1.2)	[397.4562]	8.6	(1.1) [368.0529]	

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	05	05	05	05			
	05	05										
SW7471 - Mercury (mg/kg)	0.052 B	(0.052)	[287.6869]	ND	(0.041)	[229.8850]	0.071 B	(0.068)	[375.3753]	ND	(0.066)	[365.4970]
Mercury	ND	(0.49)	[98.12579]	ND	(0.4)	[79.27070]	ND	(0.52)	[103.1565]	ND	(0.46)	[92.01324]
SW7740 - Selenium (mg/kg)	21	()	[1]	13	()	[1]	26	()	[1]	24	()	[1]
Selenium												
SW846 - Percent Moisture (%)												
Percent moisture												

05
05-SB-02
05-SB-02-03
8 - 10

05
05-SB-02
05-SB-02-04
10 - 12

05
05-SB-03
05-SB-03-01
5 - 7

05
05-SB-03
05-DS-01 Dup of 05-SB-03-01
5 - 7

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	05		05		05			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	05-SB-03	05-SD-01	05-SD-01	05-SD-01	05-SD-01	05-SD-02		
	05-SB-03-02	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-01-01	05-SD-02-01		
	7 - 9	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		

SW6010 - Metals (mg/kg)								
Aluminum	4700	(14) [69.93007]	6100	(15) [75.18796]	7100	(15) [76.33588]	14000	(18) [90.09008]
Antimony	ND	(7) [69.93007]	ND	(7.5) [75.18796]	ND	(7.6) [76.33588]	ND	(9) [90.09008]
Arsenic	ND	(21) [69.93007]	ND	(23) [75.18796]	ND	(23) [76.33588]	ND	(27) [90.09008]
Barium	63	(0.7) [69.93007]	100	(0.75) [75.18796]	100	(0.76) [76.33588]	220	(0.9) [90.09008]
Beryllium	ND	(0.14) [69.93007]	0.2	(0.15) [75.18796]	0.28	(0.15) [76.33588]	0.39	(0.18) [90.09008]
Cadmium	ND	(0.35) [69.93007]	ND	(0.38) [75.18796]	0.46	(0.38) [76.33588]	0.5	(0.45) [90.09008]
Calcium	2700	(70) [69.93007]	6400	(75) [75.18796]	6900	(76) [76.33588]	9600	(90) [90.09008]
Chromium	10	(0.7) [69.93007]	13	(0.75) [75.18796]	15	(0.76) [76.33588]	30	(0.9) [90.09008]
Cobalt	5	(0.7) [69.93007]	5.9	(0.75) [75.18796]	6.8	(0.76) [76.33588]	13	(0.9) [90.09008]
Copper	12	(1.4) [69.93007]	14	(1.5) [75.18796]	17	(1.5) [76.33588]	28	(1.8) [90.09008]
Iron	9200	(3.5) [69.93007]	13000	(3.8) [75.18796]	15000	(3.8) [76.33588]	26000	(4.5) [90.09008]
Lead	6.4	(3.5) [69.93007]	6.3	(3.8) [75.18796]	9.9	(3.8) [76.33588]	14	(4.5) [90.09008]
Magnesium	2700	(70) [69.93007]	4000	(75) [75.18796]	4500	(76) [76.33588]	8200	(90) [90.09008]
Manganese	140	(0.7) [69.93007]	230	(0.75) [75.18796]	260	(0.76) [76.33588]	380	(0.9) [90.09008]
Molybdenum	ND	(3.5) [69.93007]	ND	(3.8) [75.18796]	ND	(3.8) [76.33588]	ND	(4.5) [90.09008]
Nickel	14	(1.4) [69.93007]	16	(1.5) [75.18796]	19	(1.5) [76.33588]	32	(1.8) [90.09008]
Potassium	340	(210) [69.93007]	580	(230) [75.18796]	650	(230) [76.33588]	1600	(270) [90.09008]
Selenium	ND	(21) [69.93007]	ND	(23) [75.18796]	ND	(23) [76.33588]	ND	(27) [90.09008]
Silver	ND	(0.7) [69.93007]	0.87	(0.75) [75.18796]	ND	(0.76) [76.33588]	ND	(0.9) [90.09008]
Sodium	120	(70) [69.93007]	180	(75) [75.18796]	210	(76) [76.33588]	430	(90) [90.09008]
Thallium	ND	(7) [69.93007]	ND	(7.5) [75.18796]	ND	(7.6) [76.33588]	ND	(9) [90.09008]
Vanadium	21	(1.4) [69.93007]	20	(1.5) [75.18796]	24	(1.5) [76.33588]	50	(1.8) [90.09008]
Zinc	24	(1.4) [69.93007]	43	(1.5) [75.18796]	46	(1.5) [76.33588]	89	(1.8) [90.09008]
SW7060 - Arsenic (mg/kg)								
Arsenic	6.8	(0.57) [143.6781]	7.1	(0.61) [152.1236]	6.5	(0.56) [140.1148]	9.6	(0.84) [210.0840]
SW7421 - Lead (mg/kg)								
Lead	5.6	(0.43) [143.6781]	9.2	(0.91) [304.2472]	8.2	(0.84) [280.2297]	13	(1.3) [420.1680]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	05 05-SB-03	05 05-SD-01	05 05-SD-01	05 05-SD-02
Mercury	ND (0.045) [248.0158]	0.06 B (0.047) [260.7833]	ND (0.052) [287.6042]	0.08 B (0.048) [268.3843]
SW7740 - Selenium (mg/kg)	05-SB-03-02 7 - 9	05-SD-01-01 0 - 0.5	05-DS-04 Dup of 05-SD-01-01 0 - 0.5	05-SD-02-01 0 - 0.5
Selenium	ND (0.37) [73.87706]	0.5 (0.38) [76.06182]	0.43 (0.35) [70.05744]	0.84 (0.53) [105.0420]
SW846 - Percent Moisture (%)	4 () [1]	8.7 () [1]	8.5 () [1]	30 () [1]
Percent moisture				

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	05-SS-01 0 - 0.5	05-SS-02 0 - 0.5	05-SS-03 0 - 0.5	05-SS-04 0 - 0.5	05-SS-01 0 - 0.5	05-SS-02 0 - 0.5	05-SS-03 0 - 0.5	05-SS-04 0 - 0.5	05-SS-01 0 - 0.5	05-SS-02 0 - 0.5
Aluminum	13000	(17) [84.0336]	12000	(18) [91.74311]	13000	(19) [95.23809]	13000	(21) [103.0927]		
Antimony	ND	(8.4) [84.0336]	ND	(9.2) [91.74311]	ND	(9.5) [95.23809]	ND	(10) [103.0927]		
Arsenic	78	(25) [84.0336]	ND	(28) [91.74311]	ND	(29) [95.23809]	ND	(31) [103.0927]		
Barium	190	(0.84) [84.0336]	180	(0.92) [91.74311]	220	(0.95) [95.23809]	200	(1) [103.0927]		
Beryllium	0.26	(0.17) [84.0336]	0.24	(0.18) [91.74311]	0.27	(0.19) [95.23809]	0.31	(0.21) [103.0927]		
Cadmium	0.51	(0.42) [84.0336]	0.46	(0.46) [91.74311]	0.88	(0.48) [95.23809]	ND	(0.52) [103.0927]		
Calcium	14000	(84) [84.0336]	14000	(92) [91.74311]	14000	(95) [95.23809]	14000	(100) [103.0927]		
Chromium	26	(0.84) [84.0336]	24	(0.92) [91.74311]	28	(0.95) [95.23809]	24	(1) [103.0927]		
Cobalt	12	(0.84) [84.0336]	11	(0.92) [91.74311]	13	(0.95) [95.23809]	11	(1) [103.0927]		
Copper	25	(1.7) [84.0336]	23	(1.8) [91.74311]	31	(1.9) [95.23809]	20	(2.1) [103.0927]		
Iron	24000	(4.2) [84.0336]	22000	(4.6) [91.74311]	26000	(4.8) [95.23809]	23000	(5.2) [103.0927]		
Lead	380	(4.2) [84.0336]	15	(4.6) [91.74311]	20	(4.8) [95.23809]	15	(5.2) [103.0927]		
Magnesium	7700	(84) [84.0336]	7100	(92) [91.74311]	8200	(95) [95.23809]	7300	(100) [103.0927]		
Manganese	400	(0.84) [84.0336]	380	(0.92) [91.74311]	510	(0.95) [95.23809]	470	(1) [103.0927]		
Molybdenum	ND	(4.2) [84.0336]	ND	(4.6) [91.74311]	ND	(4.8) [95.23809]	ND	(5.2) [103.0927]		
Nickel	26	(1.7) [84.0336]	25	(1.8) [91.74311]	32	(1.9) [95.23809]	27	(2.1) [103.0927]		
Potassium	1500	(250) [84.0336]	1500	(280) [91.74311]	1600	(290) [95.23809]	1300	(310) [103.0927]		
Selenium	ND	(25) [84.0336]	ND	(28) [91.74311]	ND	(29) [95.23809]	ND	(31) [103.0927]		
Silver	ND	(0.84) [84.0336]	ND	(0.92) [91.74311]	ND	(0.95) [95.23809]	ND	(1) [103.0927]		
Sodium	480	(84) [84.0336]	390	(92) [91.74311]	420	(95) [95.23809]	820	(100) [103.0927]		
Thallium	ND	(8.4) [84.0336]	ND	(9.2) [91.74311]	ND	(9.5) [95.23809]	ND	(10) [103.0927]		
Vanadium	48	(1.7) [84.0336]	43	(1.8) [91.74311]	47	(1.9) [95.23809]	43	(2.1) [103.0927]		
Zinc	76	(1.7) [84.0336]	65	(1.8) [91.74311]	85	(1.9) [95.23809]	65	(2.1) [103.0927]		
SW7060 - Arsenic (mg/kg)										
Arsenic	71	(7.2) [1796.138]	5.6	(0.39) [97.21007]	12	(0.74) [184.0264]	9.7	(0.81) [202.6958]		
SW7421 - Lead (mg/kg)										
Lead	480	(27) [8980.691]	9.3	(1.2) [388.8402]	15	(1.1) [368.0529]	15	(1.2) [405.3917]		

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	
SW7471 - Mercury (mg/kg)	05 05-SS-01 0 - 0.5	05 05-SS-02 05-SS-02-01 0 - 0.5	05 05-SS-03 05-SS-03-01 0 - 0.5	05 05-SS-04 05-SS-04-01 0 - 0.5
Mercury	0.077 B (0.066) [367.6470]	0.066 B (0.046) [257.2016]	0.1 B (0.059) [328.9473]	ND (0.072) [402.5764]
SW7740 - Selenium (mg/kg)	ND (0.45) [89.80691]	ND (0.49) [97.21007]	ND (0.46) [92.01324]	ND (0.51) [101.3479]
Selenium	15 () [1]	19 () [1]	24 () [1]	31 () [1]
SW846 - Percent Moisture (%)				
Percent moisture				

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)									
	05-SS-05 0 - 0.5		05-SS-06 0 - 0.5		05-SS-07 0 - 0.5		05-SS-08 0 - 0.5		05-SS-09 0 - 0.5	
SW6010 - Metals (mg/kg)										
Aluminum	5900	(17) [82.64462]	9400	(16) [80.64516]	6200	(16) [77.51938]	5800	(14) [71.94244]		
Antimony	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Arsenic	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Barium	81	(0.83) [82.64462]	150	(0.81) [80.64516]	100	(0.78) [77.51938]	98	(0.72) [71.94244]		
Beryllium	0.23	(0.17) [82.64462]	0.18	(0.16) [80.64516]	0.23	(0.16) [77.51938]	0.24	(0.14) [71.94244]		
Cadmium	ND	(0.41) [82.64462]	ND	(0.4) [80.64516]	0.53	(0.39) [77.51938]	0.46	(0.36) [71.94244]		
Calcium	2900	(83) [82.64462]	8900	(81) [80.64516]	5000	(78) [77.51938]	6300	(72) [71.94244]		
Chromium	13	(0.83) [82.64462]	19	(0.81) [80.64516]	14	(0.78) [77.51938]	12	(0.72) [71.94244]		
Cobalt	6.4	(0.83) [82.64462]	8.9	(0.81) [80.64516]	6.5	(0.78) [77.51938]	5.6	(0.72) [71.94244]		
Copper	9.6	(1.7) [82.64462]	14	(1.6) [80.64516]	14	(1.6) [77.51938]	12	(1.4) [71.94244]		
Iron	12000	(4.1) [82.64462]	17000	(4) [80.64516]	13000	(3.9) [77.51938]	12000	(3.6) [71.94244]		
Lead	38	(4.1) [82.64462]	11	(4) [80.64516]	26	(3.9) [77.51938]	6.8	(3.6) [71.94244]		
Magnesium	3300	(83) [82.64462]	5400	(81) [80.64516]	3900	(78) [77.51938]	3900	(72) [71.94244]		
Manganese	170	(0.83) [82.64462]	320	(0.81) [80.64516]	210	(0.78) [77.51938]	280	(0.72) [71.94244]		
Molybdenum	ND	(4.1) [82.64462]	ND	(4) [80.64516]	ND	(3.9) [77.51938]	ND	(3.6) [71.94244]		
Nickel	17	(1.7) [82.64462]	21	(1.6) [80.64516]	17	(1.6) [77.51938]	16	(1.4) [71.94244]		
Potassium	430	(250) [82.64462]	1100	(240) [80.64516]	530	(230) [77.51938]	530	(220) [71.94244]		
Selenium	ND	(25) [82.64462]	ND	(24) [80.64516]	ND	(23) [77.51938]	ND	(22) [71.94244]		
Silver	ND	(0.83) [82.64462]	ND	(0.81) [80.64516]	1	(0.78) [77.51938]	1.1	(0.72) [71.94244]		
Sodium	140	(83) [82.64462]	360	(81) [80.64516]	190	(78) [77.51938]	420	(72) [71.94244]		
Thallium	ND	(8.3) [82.64462]	ND	(8.1) [80.64516]	ND	(7.8) [77.51938]	ND	(7.2) [71.94244]		
Vanadium	19	(1.7) [82.64462]	36	(1.6) [80.64516]	21	(1.6) [77.51938]	18	(1.4) [71.94244]		
Zinc	35	(1.7) [82.64462]	46	(1.6) [80.64516]	41	(1.6) [77.51938]	36	(1.4) [71.94244]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.5	(0.34) [84.10428]	7.4	(0.6) [150.818]	6.3	(0.59) [148.3129]	6.1	(0.57) [142.7144]		
SW7421 - Lead (mg/kg)										
Lead	25	(2.5) [841.0428]	5.4	(0.45) [150.818]	25	(2.2) [741.5647]	6.3	(0.86) [285.4288]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID			
	05	05						
	05-SS-05 0 - 0.5	05-SS-07 0 - 0.5						
Sw7471 - Mercury (mg/kg)	0.071 B	(0.058) [320.9242]	0.21	(0.063) [351.1235]	0.073 B	(0.044) [244.3792]	0.062 B	(0.04) [221.8278]
Mercury	ND	(0.42) [84.10428]	ND	(0.38) [75.40909]	ND	(0.37) [74.15647]	0.37	(0.36) [71.35721]
Sw7740 - Selenium (mg/kg)	18	() [1]	11	() [1]	7	() [1]	2	() [1]
Selenium								
Sw846 - Percent Moisture (%)								
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	05		05		05		05		05	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-SS-09 0 - 0.5		05-SS-10 05-SS-10-01 0 - 0.5		05-SS-11 05-SS-11-01 0 - 0.5		05-SS-12 05-SS-12-01 0 - 0.5			
	BEG. DEPTH - END DEPTH (FT.)									
SW6010 - Metals (mg/kg)	9500	(17) [84.74576]	8000	(14) [71.94244]	11000	(15) [76.92307]	8200	(14) [71.42857]		
Aluminum	ND	(8.5) [84.74576]	15	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]		
Antimony	ND	(25) [84.74576]	ND	(22) [71.94244]	ND	(23) [76.92307]	ND	(21) [71.42857]		
Arsenic	160	(0.85) [84.74576]	130	(0.72) [71.94244]	170	(0.77) [76.92307]	140	(0.71) [71.42857]		
Barium	0.31	(0.17) [84.74576]	0.26	(0.14) [71.94244]	0.35	(0.15) [76.92307]	0.19	(0.14) [71.42857]		
Beryllium	0.79	(0.42) [84.74576]	0.48	(0.36) [71.94244]	ND	(0.38) [76.92307]	ND	(0.36) [71.42857]		
Cadmium	11000	(85) [84.74576]	22000	(72) [71.94244]	12000	(77) [76.92307]	11000	(71) [71.42857]		
Calcium	20	(0.85) [84.74576]	22	(0.72) [71.94244]	22	(0.77) [76.92307]	17	(0.71) [71.42857]		
Chromium	8.6	(0.85) [84.74576]	7.2	(0.72) [71.94244]	9.1	(0.77) [76.92307]	9	(0.71) [71.42857]		
Cobalt	25	(1.7) [84.74576]	21	(1.4) [71.94244]	27	(1.5) [76.92307]	18	(1.4) [71.42857]		
Copper	20000	(4.2) [84.74576]	16000	(3.6) [71.94244]	22000	(3.8) [76.92307]	17000	(3.6) [71.42857]		
Iron	200	(4.2) [84.74576]	35	(3.6) [71.94244]	120	(3.8) [76.92307]	10	(3.6) [71.42857]		
Lead	6500	(85) [84.74576]	5200	(72) [71.94244]	7200	(77) [76.92307]	5700	(71) [71.42857]		
Magnesium	270	(0.85) [84.74576]	260	(0.72) [71.94244]	370	(0.77) [76.92307]	320	(0.71) [71.42857]		
Manganese	ND	(4.2) [84.74576]	ND	(3.6) [71.94244]	ND	(3.8) [76.92307]	ND	(3.6) [71.42857]		
Molybdenum	24	(1.7) [84.74576]	20	(1.4) [71.94244]	25	(1.5) [76.92307]	21	(1.4) [71.42857]		
Nickel	820	(25) [84.74576]	900	(20) [71.94244]	900	(23) [76.92307]	710	(21) [71.42857]		
Potassium	ND	(0.85) [84.74576]	0.72	(0.72) [71.94244]	ND	(0.77) [76.92307]	ND	(0.71) [71.42857]		
Selenium	1.4	(85) [84.74576]	290	(72) [71.94244]	380	(77) [76.92307]	260	(71) [71.42857]		
Silver	330	(8.5) [84.74576]	ND	(7.2) [71.94244]	ND	(7.7) [76.92307]	ND	(7.1) [71.42857]		
Sodium	ND	(1.7) [84.74576]	26	(1.4) [71.94244]	31	(1.5) [76.92307]	29	(1.4) [71.42857]		
Thallium	29	(1.7) [84.74576]	68	(1.4) [71.94244]	81	(1.5) [76.92307]	54	(1.4) [71.42857]		
Vanadium	64	(1.7) [84.74576]								
Zinc	10	(0.64) [160.0640]	17	(1.2) [298.2848]	12	(1.2) [305.0640]	7.7	(0.57) [141.6129]		
SW7060 - Arsenic (mg/kg)	240	(19) [6402.561]	27	(2.2) [745.7121]	140	(9.2) [3050.640]	24	(2.1) [708.0648]		
Arsenic										
SW7421 - Lead (mg/kg)										
Lead										

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	Factor	[] = Detection Limit	[] = Not Detected	NA = Not Applicable		
	LOCATION ID	SAMPLE ID							
	05	05							
SW7471 - Mercury (mg/kg)	05-SS-09 0 - 0.5	05-SS-10 0 - 0.5	1.8	(0.045)	[252.5252]	0.077 B	(0.041) [227.2727]	ND	(0.042) [233.3395]
Mercury	05-SS-09-01 0 - 0.5	05-SS-10-01 0 - 0.5	0.58	(0.37)	[74.57121]	0.85	(0.38) [76.26601]	ND	(0.35) [70.80648]
SW7740 - Selenium (mg/kg)	05-SS-09-01 0 - 0.5	05-SS-10-01 0 - 0.5	10	()	[1]	12	()	[1]	()
Selenium	05-SS-09-01 0 - 0.5	05-SS-10-01 0 - 0.5	15	()	[1]				
SW846 - Percent Moisture (%)									
Percent moisture									

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID					
	BEG. DEPTH	- END DEPTH (FT.)	BEG. DEPTH	- END DEPTH (FT.)				
	05	05	05	05				
	05-SS-13	05-SS-13	05-SS-14	05-SS-15				
	05-SS-13-01	Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01				
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				

SW6010 - Metals (mg/kg)								
Aluminum	5200	(15) [75.18796]	6100	(14) [69.44444]	4300	(14) [68.49314]	6300	(15) [76.92307]
Antimony	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Arsenic	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Barium	100	(0.75) [75.18796]	92	(0.69) [69.44444]	56	(0.68) [68.49314]	110	(0.77) [76.92307]
Beryllium	ND	(0.15) [75.18796]	ND	(0.14) [69.44444]	0.17	(0.14) [68.49314]	ND	(0.15) [76.92307]
Cadmium	ND	(0.38) [75.18796]	ND	(0.35) [69.44444]	0.35	(0.34) [68.49314]	ND	(0.38) [76.92307]
Calcium	3800	(75) [75.18796]	4300	(69) [69.44444]	2200	(68) [68.49314]	6900	(77) [76.92307]
Chromium	11	(0.75) [75.18796]	12	(0.69) [69.44444]	8.6	(0.68) [68.49314]	14	(0.77) [76.92307]
Cobalt	6.2	(0.75) [75.18796]	6.9	(0.69) [69.44444]	4.9	(0.68) [68.49314]	7.7	(0.77) [76.92307]
Copper	8.6	(1.5) [75.18796]	10	(1.4) [69.44444]	7.7	(1.4) [68.49314]	14	(1.5) [76.92307]
Iron	11000	(3.8) [75.18796]	12000	(3.5) [69.44444]	8900	(3.4) [68.49314]	13000	(3.8) [76.92307]
Lead	20	(3.8) [75.18796]	13	(3.5) [69.44444]	4.4	(3.4) [68.49314]	40	(3.8) [76.92307]
Magnesium	3100	(75) [75.18796]	3300	(69) [69.44444]	2300	(68) [68.49314]	4100	(77) [76.92307]
Manganese	210	(0.75) [75.18796]	220	(0.69) [69.44444]	130	(0.68) [68.49314]	250	(0.77) [76.92307]
Molybdenum	ND	(3.8) [75.18796]	ND	(3.5) [69.44444]	ND	(3.4) [68.49314]	ND	(3.8) [76.92307]
Nickel	15	(1.5) [75.18796]	14	(1.4) [69.44444]	12	(1.4) [68.49314]	16	(1.5) [76.92307]
Potassium	420	(230) [75.18796]	500	(210) [69.44444]	370	(210) [68.49314]	630	(230) [76.92307]
Selenium	ND	(23) [75.18796]	ND	(21) [69.44444]	ND	(21) [68.49314]	ND	(23) [76.92307]
Silver	ND	(0.75) [75.18796]	ND	(0.69) [69.44444]	ND	(0.68) [68.49314]	ND	(0.77) [76.92307]
Sodium	130	(75) [75.18796]	150	(69) [69.44444]	100	(68) [68.49314]	170	(77) [76.92307]
Thallium	ND	(7.5) [75.18796]	ND	(6.9) [69.44444]	ND	(6.8) [68.49314]	ND	(7.7) [76.92307]
Vanadium	22	(1.5) [75.18796]	26	(1.4) [69.44444]	15	(1.4) [68.49314]	25	(1.5) [76.92307]
Zinc	30	(1.5) [75.18796]	31	(1.4) [69.44444]	24	(1.4) [68.49314]	54	(1.5) [76.92307]
SW7060 - Arsenic (mg/kg)	5.2	(0.56) [139.4972]	5.3	(0.52) [130.7890]	4	(0.31) [76.67770]	6	(0.56) [140.5757]
Arsenic								
SW7421 - Lead (mg/kg)	12	(0.84) [278.9945]	11	(0.78) [261.5781]	4.8	(0.46) [153.3554]	52	(4.2) [1405.757]
Lead								

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	05	05	05	05
Mercury	05-SS-13	05-SS-13	05-SS-14	05-SS-15
SW7740 - Selenium (mg/kg)	05-SS-13-01	Dup of 05-SS-13-01	05-SS-14-01	05-SS-15-01
Selenium	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW846 - Percent Moisture (%)	05	05	05	05
Percent moisture	05-SS-13	05-SS-13	05-SS-14	05-SS-15
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

0.07 B (0.055) [305.9975] 0.066 B (0.054) [297.6190] 0.053 B (0.04) [220.0316] ND (0.041) [230.0331]
 ND (0.35) [69.74862] ND (0.33) [65.39452] ND (0.38) [76.67770] ND (0.35) [70.28789]
 1.8 () [1] 1.6 () [1] 1.2 () [1] 1.2 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	06		06		06		06		06	
	06-MW-01	06-MW-02	06-MW-03	06-MW-02	06-MW-03	06-MW-02	06-MW-03	06-MW-02	06-MW-03	06-MW-02
	8 - 10	3 - 5	4 - 7	3 - 5	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7	4 - 7
	BEG. DEPTH - END DEPTH (FT.)									
	9800	9100	7200	9100	7200	7400	9100	7200	9100	7200
SW6010 - Metals (mg/kg)										
Aluminum	(20) [98.03921]	(16) [80.64516]	(17) [85.47008]	(16) [80.64516]	(17) [85.47008]	(18) [90.09008]	(20) [98.03921]	(16) [80.64516]	(17) [85.47008]	(18) [90.09008]
Antimony	(9.8) [98.03921]	(8.1) [80.64516]	(8.5) [85.47008]	(8.1) [80.64516]	(8.5) [85.47008]	(9) [90.09008]	(9.8) [98.03921]	(8.1) [80.64516]	(8.5) [85.47008]	(9) [90.09008]
Arsenic	(29) [98.03921]	(24) [80.64516]	(26) [85.47008]	(24) [80.64516]	(26) [85.47008]	(27) [90.09008]	(29) [98.03921]	(24) [80.64516]	(26) [85.47008]	(27) [90.09008]
Barium	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]
Beryllium	(0.2) [98.03921]	(0.16) [80.64516]	(0.17) [85.47008]	(0.16) [80.64516]	(0.17) [85.47008]	(0.18) [90.09008]	(0.2) [98.03921]	(0.16) [80.64516]	(0.17) [85.47008]	(0.18) [90.09008]
Cadmium	(0.49) [98.03921]	(0.4) [80.64516]	(0.43) [85.47008]	(0.4) [80.64516]	(0.43) [85.47008]	(0.45) [90.09008]	(0.49) [98.03921]	(0.4) [80.64516]	(0.43) [85.47008]	(0.45) [90.09008]
Calcium	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]
Chromium	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]
Cobalt	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]
Copper	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]
Iron	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]
Lead	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]
Magnesium	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]
Manganese	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]
Molybdenum	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]	(4.9) [98.03921]	(4) [80.64516]	(4.3) [85.47008]	(4.5) [90.09008]
Nickel	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]
Potassium	(29) [98.03921]	(24) [80.64516]	(26) [85.47008]	(24) [80.64516]	(26) [85.47008]	(27) [90.09008]	(29) [98.03921]	(24) [80.64516]	(26) [85.47008]	(27) [90.09008]
Selenium	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]	(0.98) [98.03921]	(0.81) [80.64516]	(0.85) [85.47008]	(0.9) [90.09008]
Silver	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]	(98) [98.03921]	(81) [80.64516]	(85) [85.47008]	(90) [90.09008]
Sodium	(9.8) [98.03921]	(8.1) [80.64516]	(8.5) [85.47008]	(8.1) [80.64516]	(8.5) [85.47008]	(9) [90.09008]	(9.8) [98.03921]	(8.1) [80.64516]	(8.5) [85.47008]	(9) [90.09008]
Thallium	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]
Vanadium	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]
Zinc	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]	(2) [98.03921]	(1.6) [80.64516]	(1.7) [85.47008]	(1.8) [90.09008]
SW7060 - Arsenic (mg/kg)	9.3	(0.73) [182.5483]	(0.78) [195.2934]	(0.68) [168.8618]	(0.78) [195.2934]	(0.71) [178.5714]	9.3	(0.73) [182.5483]	(0.78) [195.2934]	(0.71) [178.5714]
Arsenic	8.1	(1.1) [365.0967]	(1.1) [380.6985]	(0.88) [293.3691]	(1.1) [380.6985]	(1.1) [357.1428]	8.1	(1.1) [365.0967]	(1.1) [380.6985]	(1.1) [357.1428]
SW7421 - Lead (mg/kg)										
Lead										

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	06-DS-01 Dup of 06-MW-03-02 4 - 7	06-DS-01 Dup of 06-MW-03-02 4 - 7	06-DS-01 Dup of 06-MW-03-02 4 - 7		
	LOCATION ID	SAMPLE ID						
	06-DS-01 Dup of 06-MW-03-02 4 - 7	06-DS-01 Dup of 06-MW-03-02 4 - 7						
SW7471 - Mercury (mg/kg)	0.058 B	(0.054) [301.2048]	0.06 B	(0.051) [283.4467]	ND	(0.046) [253.1645]	0.049 B	(0.049) [271.7391]
Mercury	ND	(0.46) [91.27418]	ND	(0.42) [84.43093]	1.7	(0.48) [95.17464]	ND	(0.45) [89.28571]
SW7740 - Selenium (mg/kg)	17	() [1]	16	() [1]	21	() [1]	20	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	06		06		06		06		06	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	06-MW-04	06-SB-01	06-MW-04	06-SB-01	06-DS-02	06-SB-01-01	06-DS-02	06-SB-01-01	06-SB-01	06-SB-01-02
	4 - 6	6.5 - 9	4 - 6	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	6.5 - 9	10 - 12	10 - 12
	BEG. DEPTH - END DEPTH (FT.)									
SW6010 - Metals (mg/kg)	12000	9100	8700	8700	8700	8700	8700	8700	9900	9900
Aluminum	(17) [86.95652]	(19) [95.23809]	(19) [95.23809]	(19) [95.23809]	(20) [100]	(20) [100]	(20) [100]	(20) [100]	(18) [87.71929]	(18) [87.71929]
Antimony	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	230	170	160	160	200	200	200	200	(0.88) [87.71929]	(0.88) [87.71929]
Beryllium	0.31	0.29	0.24	0.24	0.31	0.31	0.31	0.31	(0.18) [87.71929]	(0.18) [87.71929]
Cadmium	ND	ND	ND	ND	ND	ND	ND	ND	(0.44) [87.71929]	(0.44) [87.71929]
Calcium	17000	11000	12000	12000	15000	15000	15000	15000	(88) [87.71929]	(88) [87.71929]
Chromium	25	20	19	19	22	22	22	22	(0.88) [87.71929]	(0.88) [87.71929]
Cobalt	11	8.8	9	9	9	9	9	9	(0.88) [87.71929]	(0.88) [87.71929]
Copper	33	26	29	29	39	39	39	39	(1.8) [87.71929]	(1.8) [87.71929]
Iron	26000	20000	20000	20000	22000	22000	22000	22000	(4.4) [87.71929]	(4.4) [87.71929]
Lead	ND	6.9	ND	ND	5.1	5.1	5.1	5.1	(4.4) [87.71929]	(4.4) [87.71929]
Magnesium	8700	6200	6000	6000	7300	7300	7300	7300	(88) [87.71929]	(88) [87.71929]
Manganese	500	310	310	310	370	370	370	370	(0.88) [87.71929]	(0.88) [87.71929]
Molybdenum	ND	ND	ND	ND	ND	ND	ND	ND	(4.4) [87.71929]	(4.4) [87.71929]
Nickel	31	26	24	24	32	32	32	32	(1.8) [87.71929]	(1.8) [87.71929]
Potassium	980	850	820	820	860	860	860	860	(260) [87.71929]	(260) [87.71929]
Selenium	ND	ND	ND	ND	ND	ND	ND	ND	(26) [87.71929]	(26) [87.71929]
Silver	ND	ND	ND	ND	ND	ND	ND	ND	(0.88) [87.71929]	(0.88) [87.71929]
Sodium	410	280	260	260	260	260	260	260	(88) [87.71929]	(88) [87.71929]
Thallium	ND	ND	ND	ND	ND	ND	ND	ND	(8.8) [87.71929]	(8.8) [87.71929]
Vanadium	43	31	31	31	35	35	35	35	(1.8) [87.71929]	(1.8) [87.71929]
Zinc	80	65	63	63	73	73	73	73	(1.8) [87.71929]	(1.8) [87.71929]
SW7060 - Arsenic (mg/kg)	12	8.6	15	15	10	10	10	10	(0.72) [178.9709]	(0.72) [178.9709]
Arsenic										
SW7421 - Lead (mg/kg)	9.2	9.5	11	11	9.3	9.3	9.3	9.3	(1.1) [357.9418]	(1.1) [357.9418]
Lead										

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	06						
	06	06										
SW7471 - Mercury (mg/kg)	06	06		06-SB-01	06-SB-01	06						
Mercury	0.072 B	(0.054)	[299.0430]	0.055 B	(0.051)	[282.3263]	0.077 B	(0.058)	[324.6753]	0.098 B	(0.057)	[317.4603]
SW7740 - Selenium (mg/kg)	06	06		06-SB-01	06-SB-01	06						
Selenium	1.7	(0.53)	[106.1120]	ND	(0.48)	[96.91800]	ND	(0.49)	[97.64671]	ND	(0.45)	[89.48545]
SW846 - Percent Moisture (%)	06	06		06-SB-01	06-SB-01	06						
Percent moisture	24	()	[1]	23	()	[1]	23	()	[1]	25	()	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	06		06		06		06		06			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	06-SB-02		06-SB-02		06-SB-02		06-SB-02		06-SB-02			
	06-SB-02-01		06-SB-02-02		06-SB-02-02		06-SB-02-01		06-SB-02-01			
	2 - 4		5 - 7		5 - 7		0 - 0.5		0 - 0.5			
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)			
SW6010 - Metals (mg/kg)												
Aluminum	4600	(16)	[80.64516]	9600	(17)	[86.20689]	11000	(18)	[88.49557]	8200	(18)	[91.74311]
Antimony	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]
Arsenic	ND	(24)	[80.64516]	ND	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]
Barium	66	(0.81)	[80.64516]	160	(0.86)	[86.20689]	200	(0.88)	[88.49557]	160	(0.92)	[91.74311]
Beryllium	ND	(0.16)	[80.64516]	0.23	(0.17)	[86.20689]	0.28	(0.18)	[88.49557]	0.21	(0.18)	[91.74311]
Cadmium	ND	(0.4)	[80.64516]	ND	(0.43)	[86.20689]	ND	(0.44)	[88.49557]	ND	(0.46)	[91.74311]
Calcium	2800	(81)	[80.64516]	11000	(86)	[86.20689]	15000	(88)	[88.49557]	9900	(92)	[91.74311]
Chromium	12	(0.81)	[80.64516]	20	(0.86)	[86.20689]	24	(0.88)	[88.49557]	18	(0.92)	[91.74311]
Cobalt	5.9	(0.81)	[80.64516]	8.7	(0.86)	[86.20689]	13	(0.88)	[88.49557]	10	(0.92)	[91.74311]
Copper	8.6	(1.6)	[80.64516]	26	(1.7)	[86.20689]	31	(1.8)	[88.49557]	21	(1.8)	[91.74311]
Iron	9600	(4)	[80.64516]	20000	(4.3)	[86.20689]	23000	(4.4)	[88.49557]	18000	(4.6)	[91.74311]
Lead	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	9.5	(4.4)	[88.49557]	9.9	(4.6)	[91.74311]
Magnesium	2700	(81)	[80.64516]	6400	(86)	[86.20689]	7800	(88)	[88.49557]	6000	(92)	[91.74311]
Manganese	180	(0.81)	[80.64516]	340	(0.86)	[86.20689]	440	(0.88)	[88.49557]	360	(0.92)	[91.74311]
Molybdenum	ND	(4)	[80.64516]	ND	(4.3)	[86.20689]	ND	(4.4)	[88.49557]	ND	(4.6)	[91.74311]
Nickel	13	(1.6)	[80.64516]	24	(1.7)	[86.20689]	30	(1.8)	[88.49557]	23	(1.8)	[91.74311]
Potassium	430	(240)	[80.64516]	820	(260)	[86.20689]	930	(270)	[88.49557]	740	(280)	[91.74311]
Selenium	ND	(24)	[80.64516]	31	(26)	[86.20689]	ND	(27)	[88.49557]	ND	(28)	[91.74311]
Silver	ND	(0.81)	[80.64516]	ND	(0.86)	[86.20689]	ND	(0.88)	[88.49557]	ND	(0.92)	[91.74311]
Sodium	100	(81)	[80.64516]	260	(86)	[86.20689]	320	(88)	[88.49557]	260	(92)	[91.74311]
Thallium	ND	(8.1)	[80.64516]	ND	(8.6)	[86.20689]	ND	(8.8)	[88.49557]	ND	(9.2)	[91.74311]
Vanadium	19	(1.6)	[80.64516]	34	(1.7)	[86.20689]	38	(1.8)	[88.49557]	29	(1.8)	[91.74311]
Zinc	25	(1.6)	[80.64516]	63	(1.7)	[86.20689]	86	(1.8)	[88.49557]	66	(1.8)	[91.74311]
SW7060 - Arsenic (mg/kg)												
Arsenic	4.2	(0.56)	[139.2573]	8.7	(0.85)	[213.3333]	11	(0.73)	[182.4817]	8.7	(0.72)	[180.2288]
SW7421 - Lead (mg/kg)												
Lead	5.5	(0.84)	[278.5146]	9.2	(1.2)	[405.0632]	12	(1.1)	[364.9635]	10	(1.1)	[374.1114]

Compiled: 21 March 1995

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	06	06	06	06
	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID					
SW7471 - Mercury (mg/kg)	06	06		06	06	06	06
Mercury	06-SB-02	06-SB-01	0.056 B	ND	(0.059) [328.9473]	0.074 B	(0.065) [363.1082]
SW7740 - Selenium (mg/kg)	06-SB-02-01	06-SB-02-01	1.9	ND	(0.46) [91.24087]	ND	(0.45) [90.11444]
Selenium	2 - 4	0 - 0.5					
SW846 - Percent Moisture (%)	2 - 4	0 - 0.5	21	20	()	19	()
Percent moisture			[1]	[1]	[1]	[1]	[1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)			
	06-SS-01 0 - 0.5	06-SS-02 0 - 0.5	06-SS-03 0 - 0.5	06-SS-04 0 - 0.5	06-SS-01 0 - 0.5	06-SS-02 0 - 0.5		
SW6010 - Metals (mg/kg)								
Aluminum	6200	(15) [74.07407]	6600	(14) [69.44444]	6000	(15) [76.92307]	5000	(15) [76.33588]
Antimony	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]
Arsenic	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]
Barium	130	(0.74) [74.07407]	100	(0.69) [69.44444]	100	(0.77) [76.92307]	86	(0.76) [76.33588]
Beryllium	0.16	(0.15) [74.07407]	0.15	(0.14) [69.44444]	ND	(0.15) [76.92307]	ND	(0.15) [76.33588]
Cadmium	0.41	(0.37) [74.07407]	0.41	(0.35) [69.44444]	0.47	(0.38) [76.92307]	ND	(0.38) [76.33588]
Calcium	4500	(74) [74.07407]	5900	(69) [69.44444]	4300	(77) [76.92307]	2700	(76) [76.33588]
Chromium	14	(0.74) [74.07407]	15	(0.69) [69.44444]	18	(0.77) [76.92307]	10	(0.76) [76.33588]
Cobalt	7.8	(0.74) [74.07407]	6.5	(0.69) [69.44444]	6.5	(0.77) [76.92307]	5.8	(0.76) [76.33588]
Copper	41	(1.5) [74.07407]	13	(1.4) [69.44444]	14	(1.5) [76.92307]	7.6	(1.5) [76.33588]
Iron	14000	(3.7) [74.07407]	12000	(3.5) [69.44444]	11000	(3.8) [76.92307]	10000	(3.8) [76.33588]
Lead	32	(3.7) [74.07407]	13	(3.5) [69.44444]	15	(3.8) [76.92307]	27	(3.8) [76.33588]
Magnesium	3400	(74) [74.07407]	3500	(69) [69.44444]	3600	(77) [76.92307]	2900	(76) [76.33588]
Manganese	270	(0.74) [74.07407]	210	(0.69) [69.44444]	220	(0.77) [76.92307]	170	(0.76) [76.33588]
Molybdenum	ND	(3.7) [74.07407]	ND	(3.5) [69.44444]	ND	(3.8) [76.92307]	ND	(3.8) [76.33588]
Nickel	17	(1.5) [74.07407]	16	(1.4) [69.44444]	16	(1.5) [76.92307]	14	(1.5) [76.33588]
Potassium	670	(220) [74.07407]	680	(210) [69.44444]	620	(230) [76.92307]	310	(230) [76.33588]
Selenium	ND	(22) [74.07407]	ND	(21) [69.44444]	ND	(23) [76.92307]	ND	(23) [76.33588]
Silver	ND	(0.74) [74.07407]	ND	(0.69) [69.44444]	ND	(0.77) [76.92307]	ND	(0.76) [76.33588]
Sodium	180	(74) [74.07407]	210	(69) [69.44444]	170	(77) [76.92307]	83	(76) [76.33588]
Thallium	ND	(7.4) [74.07407]	ND	(6.9) [69.44444]	ND	(7.7) [76.92307]	ND	(7.6) [76.33588]
Vanadium	25	(1.5) [74.07407]	26	(1.4) [69.44444]	22	(1.5) [76.92307]	20	(1.5) [76.33588]
Zinc	220	(1.5) [74.07407]	54	(1.4) [69.44444]	54	(1.5) [76.92307]	39	(1.5) [76.33588]
SW7060 - Arsenic (mg/kg)	4.3	(0.28) [69.7107]	6.3	(0.66) [164.5846]	7.1	(0.59) [148.6414]	2.8	(0.3) [74.63466]
Arsenic								
SW7421 - Lead (mg/kg)	25	(2.1) [697.107]	14	(0.99) [329.1693]	17	(0.89) [297.2828]	29	(2.3) [754.8366]
Lead								

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	0.051 B	0.057 B	0.046 B	ND	5
	LOCATION ID	SAMPLE ID						
	06-SS-01-01 0 - 0.5	06-SS-02-01 0 - 0.5						
SW7471 - Mercury (mg/kg)	06-SS-01	06-SS-02	[220.0316]	[221.3760]	[203.2520]	[255.6237]		
Mercury			(0.04)	(0.04)	(0.037)	(0.046)		
SW7740 - Selenium (mg/kg)	06-SS-01-01 0 - 0.5	06-SS-02-01 0 - 0.5	[69.7107]	[82.29233]	[74.32070]	[74.63466]		
Selenium			(0.35)	(0.41)	(0.37)	(0.37)		
SW846 - Percent Moisture (%)			[1]	[1]	[1]	[1]		
Percent moisture			()	()	()	()		

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	06 06-SS-05 0 - 0.5	06 06-SS-06 0 - 0.5	07 07-MW-01 5 - 6.5	07 07-MW-02 2 - 4
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
SW6010 - Metals (mg/kg)									
Aluminum	4600	(17) [82.64462]	3800	(16) [77.51938]	11000	(20) [98.03921]	7900	(21) [104.1666]	
Antimony	ND	(8.3) [82.64462]	ND	(7.8) [77.51938]	ND	(9.8) [98.03921]	ND	(10) [104.1666]	
Arsenic	ND	(25) [82.64462]	ND	(23) [77.51938]	ND	(29) [98.03921]	ND	(31) [104.1666]	
Barium	66	(0.83) [82.64462]	63	(0.78) [77.51938]	350	(0.98) [98.03921]	190	(1) [104.1666]	
Beryllium	ND	(0.17) [82.64462]	ND	(0.16) [77.51938]	0.38	(0.2) [98.03921]	0.23	(0.21) [104.1666]	
Cadmium	ND	(0.41) [82.64462]	0.51	(0.39) [77.51938]	ND	(0.49) [98.03921]	ND	(0.52) [104.1666]	
Calcium	2800	(83) [82.64462]	2000	(78) [77.51938]	16000	(98) [98.03921]	13000	(100) [104.1666]	
Chromium	9.7	(0.83) [82.64462]	7.8	(0.78) [77.51938]	22	(0.98) [98.03921]	19	(1) [104.1666]	
Cobalt	5	(0.83) [82.64462]	4.8	(0.78) [77.51938]	12	(0.98) [98.03921]	7.9	(1) [104.1666]	
Copper	11	(1.7) [82.64462]	7.3	(1.6) [77.51938]	29	(2) [98.03921]	20	(2.1) [104.1666]	
Iron	11000	(4.1) [82.64462]	9100	(3.9) [77.51938]	24000	(4.9) [98.03921]	16000	(5.2) [104.1666]	
Lead	12	(4.1) [82.64462]	8.9	(3.9) [77.51938]	10	(4.9) [98.03921]	ND	(5.2) [104.1666]	
Magnesium	2700	(83) [82.64462]	2200	(78) [77.51938]	8300	(98) [98.03921]	5200	(100) [104.1666]	
Manganese	190	(0.83) [82.64462]	150	(0.78) [77.51938]	310	(0.98) [98.03921]	240	(1) [104.1666]	
Molybdenum	ND	(4.1) [82.64462]	ND	(3.9) [77.51938]	ND	(4.9) [98.03921]	ND	(5.2) [104.1666]	
Nickel	14	(1.7) [82.64462]	11	(1.6) [77.51938]	28	(2) [98.03921]	21	(2.1) [104.1666]	
Potassium	350	(250) [82.64462]	330	(230) [77.51938]	1500	(290) [98.03921]	770	(310) [104.1666]	
Selenium	ND	(25) [82.64462]	ND	(23) [77.51938]	ND	(29) [98.03921]	ND	(31) [104.1666]	
Silver	ND	(0.83) [82.64462]	ND	(0.78) [77.51938]	ND	(0.98) [98.03921]	ND	(1) [104.1666]	
Sodium	110	(83) [82.64462]	86	(78) [77.51938]	280	(98) [98.03921]	450	(100) [104.1666]	
Thallium	ND	(8.3) [82.64462]	ND	(7.8) [77.51938]	ND	(9.8) [98.03921]	ND	(10) [104.1666]	
Vanadium	19	(1.7) [82.64462]	16	(1.6) [77.51938]	45	(2) [98.03921]	30	(2.1) [104.1666]	
Zinc	36	(1.7) [82.64462]	51	(1.6) [77.51938]	89	(2) [98.03921]	56	(2.1) [104.1666]	
SW7060 - Arsenic (mg/kg)	3.2	(0.3) [74.78760]	4.2	(0.29) [72.09285]	13	(1) [253.2928]	5.9	(0.39) [98.61932]	
Arsenic									
SW7421 - Lead (mg/kg)	13	(0.9) [299.1504]	9.1	(0.87) [288.3714]	11	(1.5) [506.5856]	8.9	(1.2) [394.4773]	
Lead									

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	06	07	07		
	LOCATION ID	LOCATION ID						
	SAMPLE ID	SAMPLE ID						
	06	06		06	07	07		
	06-SS-05	06-SS-06		06-SS-06-01	07-MW-01	07-MW-02		
	0 - 0.5	0 - 0.5		0 - 0.5	5 - 6.5	2 - 4		
SW7471 - Mercury (mg/kg)	ND	(0.046) [256.1475]	0.053 B	(0.044) [245.459]	0.13	(0.067) [372.0238]	0.17	(0.081) [452.4886]
SW7740 - Selenium (mg/kg)	ND	(0.37) [74.78760]	ND	(0.36) [72.09285]	ND	(0.63) [126.6464]	0.5	(0.49) [98.61932]
SW846 - Percent Moisture (%)	2.4	() [1]	3	() [1]	44	() [1]	35	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID														
	07				07				07						
	07-MW-03 07-MW-03-02 1.5 - 3				07-MW-03 Dup of 07-MW-03-02 1.5 - 3				07-MW-04 07-MW-04-02 10 - 12				07-SB-01 07-SB-01-01 3 - 5		
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)														
SW6010 - Metals (mg/kg)															
Aluminum	9600	(20)	[102.0408]	8500	(17)	[84.0336]	10000	(16)	[81.96721]	8900	(17)	[84.0336]			
Antimony	ND	(10)	[102.0408]	ND	(8.4)	[84.0336]	ND	(8.2)	[81.96721]	ND	(8.4)	[84.0336]			
Arsenic	ND	(31)	[102.0408]	ND	(25)	[84.0336]	ND	(25)	[81.96721]	ND	(25)	[84.0336]			
Barium	270	(1)	[102.0408]	240	(0.84)	[84.0336]	250	(0.82)	[81.96721]	240	(0.84)	[84.0336]			
Beryllium	0.27	(0.2)	[102.0408]	0.25	(0.17)	[84.0336]	0.25	(0.16)	[81.96721]	0.24	(0.17)	[84.0336]			
Cadmium	ND	(0.51)	[102.0408]	ND	(0.42)	[84.0336]	ND	(0.41)	[81.96721]	ND	(0.42)	[84.0336]			
Calcium	13000	(100)	[102.0408]	9900	(84)	[84.0336]	6500	(82)	[81.96721]	6900	(84)	[84.0336]			
Chromium	20	(1)	[102.0408]	18	(0.84)	[84.0336]	21	(0.82)	[81.96721]	19	(0.84)	[84.0336]			
Cobalt	9.7	(1)	[102.0408]	7.7	(0.84)	[84.0336]	9.6	(0.82)	[81.96721]	9.9	(0.84)	[84.0336]			
Copper	24	(2)	[102.0408]	23	(1.7)	[84.0336]	21	(1.6)	[81.96721]	23	(1.7)	[84.0336]			
Iron	19000	(5.1)	[102.0408]	17000	(4.2)	[84.0336]	20000	(4.1)	[81.96721]	18000	(4.2)	[84.0336]			
Lead	ND	(5.1)	[102.0408]	ND	(4.2)	[84.0336]	14	(4.1)	[81.96721]	ND	(4.2)	[84.0336]			
Magnesium	5600	(100)	[102.0408]	4800	(84)	[84.0336]	4100	(82)	[81.96721]	5000	(84)	[84.0336]			
Manganese	380	(1)	[102.0408]	240	(0.84)	[84.0336]	230	(0.82)	[81.96721]	220	(0.84)	[84.0336]			
Molybdenum	ND	(5.1)	[102.0408]	ND	(4.2)	[84.0336]	ND	(4.1)	[81.96721]	ND	(4.2)	[84.0336]			
Nickel	24	(2)	[102.0408]	20	(1.7)	[84.0336]	22	(1.6)	[81.96721]	25	(1.7)	[84.0336]			
Potassium	1100	(310)	[102.0408]	620	(250)	[84.0336]	720	(250)	[81.96721]	920	(250)	[84.0336]			
Selenium	ND	(31)	[102.0408]	ND	(25)	[84.0336]	ND	(25)	[81.96721]	ND	(25)	[84.0336]			
Silver	ND	(1)	[102.0408]	ND	(0.84)	[84.0336]	ND	(0.82)	[81.96721]	ND	(0.84)	[84.0336]			
Sodium	180	(100)	[102.0408]	150	(84)	[84.0336]	160	(82)	[81.96721]	370	(84)	[84.0336]			
Thallium	ND	(10)	[102.0408]	ND	(8.4)	[84.0336]	ND	(8.2)	[81.96721]	ND	(8.4)	[84.0336]			
Vanadium	35	(2)	[102.0408]	31	(1.7)	[84.0336]	37	(1.6)	[81.96721]	33	(1.7)	[84.0336]			
Zinc	58	(2)	[102.0408]	48	(1.7)	[84.0336]	56	(1.6)	[81.96721]	58	(1.7)	[84.0336]			
SW7060 - Arsenic (mg/kg)															
Arsenic	8.2	(0.88)	[218.9381]	7.3	(0.7)	[175.8241]	9	(0.66)	[165.3849]	14	(1.1)	[285.4288]			
SW7421 - Lead (mg/kg)															
Lead	6.7	(0.66)	[218.9381]	7.1	(1.1)	[351.6483]	11	(0.99)	[330.7698]	8.4	(0.86)	[285.4288]			

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	07	07			
SW7471 - Mercury (mg/kg)	0.15	0.11	0.11	0.1 B	0.14
Mercury	(0.079) [440.9171]	(0.055) [307.6923]		(0.047) [261.2330]	(0.065) [360.7503]
SW7740 - Selenium (mg/kg)	0.61	ND	ND	ND	ND
Selenium	(0.55) [109.4690]	(0.44) [87.91208]		(0.41) [82.69246]	(0.36) [71.35721]
SW846 - Percent Moisture (%)	37	35	13	23	
Percent moisture	() [1]	() [1]	[1]	() [1]	() [1]

07 07 07
 07-MW-03 07-MW-04 07-SB-01
 07-MW-03-02 Dup of 07-MW-04-02 07-SB-01-01
 1.5 - 3 10 - 12 3 - 5

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	07		07		07		07		07	
	07-SB-02 3 - 5	07-SB-03 3 - 5	07-SB-02-01 3 - 5	07-SB-03 3 - 5	07-SB-01-01 0 - 0.5	07-SB-03 3 - 5	07-SB-01-01 0 - 0.5	07-SB-03 3 - 5	07-SB-01-01 0 - 0.5	07-SB-03 3 - 5
SW6010 - Metals (mg/kg)										
Aluminum	9600	(16) [81.30081]	9000	(18) [89.28571]	7900	(16) [79.36507]	7500	(15) [74.62686]		
Antimony	ND	(8.1) [81.30081]	ND	(8.9) [89.28571]	ND	(7.9) [79.36507]	ND	(7.5) [74.62686]		
Arsenic	ND	(24) [81.30081]	ND	(27) [89.28571]	ND	(24) [79.36507]	ND	(22) [74.62686]		
Barium	180	(0.81) [81.30081]	250	(0.89) [89.28571]	260	(0.79) [79.36507]	230	(0.75) [74.62686]		
Beryllium	0.26	(0.16) [81.30081]	0.27	(0.18) [89.28571]	0.2	(0.16) [79.36507]	0.18	(0.15) [74.62686]		
Cadmium	ND	(0.41) [81.30081]	ND	(0.45) [89.28571]	0.53	(0.4) [79.36507]	0.47	(0.37) [74.62686]		
Calcium	9500	(81) [81.30081]	8300	(89) [89.28571]	19000	(79) [79.36507]	15000	(75) [74.62686]		
Chromium	21	(0.81) [81.30081]	20	(0.89) [89.28571]	17	(0.79) [79.36507]	17	(0.75) [74.62686]		
Cobalt	6.8	(0.81) [81.30081]	9.1	(0.89) [89.28571]	9	(0.79) [79.36507]	7.8	(0.75) [74.62686]		
Copper	19	(1.6) [81.30081]	24	(1.8) [89.28571]	25	(1.6) [79.36507]	28	(1.5) [74.62686]		
Iron	15000	(4.1) [81.30081]	19000	(4.5) [89.28571]	22000	(4) [79.36507]	19000	(3.7) [74.62686]		
Lead	8.2	(4.1) [81.30081]	7.4	(4.5) [89.28571]	16	(4) [79.36507]	13	(3.7) [74.62686]		
Magnesium	4700	(81) [81.30081]	5100	(89) [89.28571]	5000	(79) [79.36507]	4800	(75) [74.62686]		
Manganese	200	(0.81) [81.30081]	230	(0.89) [89.28571]	500	(0.79) [79.36507]	380	(0.75) [74.62686]		
Molybdenum	ND	(4.1) [81.30081]	ND	(4.5) [89.28571]	ND	(4) [79.36507]	ND	(3.7) [74.62686]		
Nickel	19	(1.6) [81.30081]	23	(1.8) [89.28571]	21	(1.6) [79.36507]	21	(1.5) [74.62686]		
Potassium	720	(240) [81.30081]	820	(270) [89.28571]	860	(240) [79.36507]	820	(220) [74.62686]		
Selenium	ND	(24) [81.30081]	ND	(27) [89.28571]	ND	(24) [79.36507]	ND	(22) [74.62686]		
Silver	ND	(0.81) [81.30081]	ND	(0.89) [89.28571]	ND	(0.79) [79.36507]	ND	(0.75) [74.62686]		
Sodium	970	(81) [81.30081]	190	(89) [89.28571]	500	(79) [79.36507]	470	(75) [74.62686]		
Thallium	ND	(8.1) [81.30081]	ND	(8.9) [89.28571]	ND	(7.9) [79.36507]	ND	(7.5) [74.62686]		
Vanadium	36	(1.6) [81.30081]	33	(1.8) [89.28571]	28	(1.6) [79.36507]	27	(1.5) [74.62686]		
Zinc	68	(1.6) [81.30081]	64	(1.8) [89.28571]	73	(1.6) [79.36507]	71	(1.5) [74.62686]		
SW7060 - Arsenic (mg/kg)	7.2	(0.72) [179.8237]	9	(0.64) [158.9825]	12	(1.3) [318.2939]	9.2	(0.6) [149.7118]		
Arsenic										
SW7421 - Lead (mg/kg)	8.6	(1.1) [359.6475]	8.1	(0.95) [317.9650]	16	(0.95) [318.2939]	14	(0.9) [299.4236]		
Lead										

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	07	07	07
	07-SB-02 3 - 5	07-SB-03 3 - 5							07-SB-01 0 - 0.5	07-SB-03 0 - 0.5	07-SD-01 0 - 0.5	07-SD-01 0 - 0.5
SW7471 - Mercury (mg/kg)	0.16	(0.071) [392.7729]	0.11	(0.049) [270.2702]	0.12	(0.053) [293.4272]	0.12	(0.054) [297.7963]
Mercury								
SW7740 - Selenium (mg/kg)	ND	(0.45) [89.91188]	ND	(0.4) [79.49125]	ND	(0.4) [79.57348]	ND	(0.35) [70.96728]
Selenium								
SW846 - Percent Moisture (%)	33	() [1]	26	() [1]	29	() [1]	27	() [1]
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	07		07		07			
	LOCATION ID	07-SD-02	07-SS-01	07-SS-01	07-SS-01	07-SS-02		
BEG. DEPTH - END DEPTH (FT.)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
SW6010 - Metals (mg/kg)								
Aluminum	3100	(67) [333.0003]	5100	(18) [87.79631]	5300	(19) [93.02325]	3100	(120) [586.5102]
Antimony	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]
Arsenic	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]
Barium	240	(3.3) [333.0003]	110	(0.88) [87.79631]	120	(0.93) [93.02325]	600	(5.9) [586.5102]
Beryllium	ND	(0.67) [333.0003]	ND	(0.18) [87.79631]	ND	(0.19) [93.02325]	ND	(1.2) [586.5102]
Cadmium	ND	(1.7) [333.0003]	ND	(0.44) [87.79631]	ND	(0.47) [93.02325]	ND	(2.9) [586.5102]
Calcium	14000	(330) [333.0003]	3500	(88) [87.79631]	3600	(93) [93.02325]	33000	(590) [586.5102]
Chromium	5.1	(3.3) [333.0003]	12	(0.88) [87.79631]	13	(0.93) [93.02325]	7.8	(5.9) [586.5102]
Cobalt	ND	(3.3) [333.0003]	5.3	(0.88) [87.79631]	6.1	(0.93) [93.02325]	11	(5.9) [586.5102]
Copper	25	(6.7) [333.0003]	10	(1.8) [87.79631]	12	(1.9) [93.02325]	24	(12) [586.5102]
Iron	10000	(17) [333.0003]	11000	(4.4) [87.79631]	12000	(4.7) [93.02325]	66000	(29) [586.5102]
Lead	ND	(17) [333.0003]	26	(4.4) [87.79631]	20	(4.7) [93.02325]	ND	(29) [586.5102]
Magnesium	3000	(330) [333.0003]	2600	(88) [87.79631]	3000	(93) [93.02325]	6700	(590) [586.5102]
Manganese	83	(3.3) [333.0003]	180	(0.88) [87.79631]	200	(0.93) [93.02325]	790	(5.9) [586.5102]
Molybdenum	ND	(17) [333.0003]	ND	(4.4) [87.79631]	ND	(4.7) [93.02325]	ND	(29) [586.5102]
Nickel	13	(6.7) [333.0003]	13	(1.8) [87.79631]	16	(1.9) [93.02325]	24	(12) [586.5102]
Potassium	ND	(1000) [333.0003]	440	(260) [87.79631]	440	(280) [93.02325]	ND	(1800) [586.5102]
Selenium	ND	(100) [333.0003]	ND	(26) [87.79631]	ND	(28) [93.02325]	ND	(180) [586.5102]
Silver	ND	(3.3) [333.0003]	ND	(0.88) [87.79631]	ND	(0.93) [93.02325]	ND	(5.9) [586.5102]
Sodium	1600	(330) [333.0003]	100	(88) [87.79631]	100	(93) [93.02325]	ND	(590) [586.5102]
Thallium	ND	(33) [333.0003]	ND	(8.8) [87.79631]	ND	(9.3) [93.02325]	ND	(59) [586.5102]
Vanadium	11	(6.7) [333.0003]	20	(1.8) [87.79631]	21	(1.9) [93.02325]	22	(12) [586.5102]
Zinc	54	(6.7) [333.0003]	44	(1.8) [87.79631]	44	(1.9) [93.02325]	67	(12) [586.5102]
SW7060 - Arsenic (mg/kg)								
Arsenic	10	(1.3) [333.0003]	8.7	(0.7) [175.5926]	11	(0.74) [186.0465]	72	(4.7) [1173.020]
SW7421 - Lead (mg/kg)								
Lead	9.7	(1) [333.0003]	16	(1.1) [351.1852]	21	(1.1) [372.0930]	10	(1.6) [537.6344]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID				
	07	07							07	07		
SW7471 - Mercury (mg/kg)	0.35	(0.17)	[952.3809]	0.073 B	(0.042)	[235.2941]	0.1 B	(0.05)	[276.8549]	0.77	(0.41)	[2272.727]
Mercury	ND	(1.7)	[333.0003]	ND	(0.44)	[87.79631]	ND	(0.47)	[93.02325]	ND	(2.9)	[586.5102]
SW7740 - Selenium (mg/kg)	79	()	[1]	15	()	[1]	14	()	[1]	89	()	[1]
Selenium												
SW846 - Percent Moisture (%)												
Percent moisture												

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	07		07		07		09		09	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	BEG. DEPTH - END DEPTH (FT.)									
	07-SS-03	07-SS-04	07-SS-05	07-SS-01	07-SS-02	07-SS-03	07-SS-04	07-SS-05	09-MW-01	09-MW-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3	2 - 3
SW6010 - Metals (mg/kg)										
Aluminum	3200	(33) [165.8925]	6000	(83) [414.0786]	19000	(69) [347.2222]	6400	(16) [81.30081]		
Antimony	ND	(17) [165.8925]	ND	(41) [414.0786]	ND	(35) [347.2222]	ND	(8.1) [81.30081]		
Arsenic	ND	(50) [165.8925]	ND	(120) [414.0786]	ND	(100) [347.2222]	ND	(24) [81.30081]		
Barium	130	(1.7) [165.8925]	330	(4.1) [414.0786]	620	(3.5) [347.2222]	140	(0.81) [81.30081]		
Beryllium	ND	(0.33) [165.8925]	ND	(0.83) [414.0786]	ND	(0.69) [347.2222]	ND	(0.16) [81.30081]		
Cadmium	ND	(0.83) [165.8925]	ND	(2.1) [414.0786]	ND	(1.7) [347.2222]	ND	(0.41) [81.30081]		
Calcium	9100	(170) [165.8925]	17000	(410) [414.0786]	24000	(350) [347.2222]	6400	(81) [81.30081]		
Chromium	6.2	(1.7) [165.8925]	11	(4.1) [414.0786]	40	(3.5) [347.2222]	14	(0.81) [81.30081]		
Cobalt	2.4	(1.7) [165.8925]	ND	(4.1) [414.0786]	21	(3.5) [347.2222]	4.9	(0.81) [81.30081]		
Copper	13	(3.3) [165.8925]	ND	(8.3) [414.0786]	68	(6.9) [347.2222]	21	(1.6) [81.30081]		
Iron	9200	(8.3) [165.8925]	23000	(21) [414.0786]	57000	(17) [347.2222]	13000	(4.1) [81.30081]		
Lead	ND	(8.3) [165.8925]	ND	(21) [414.0786]	28	(17) [347.2222]	20	(4.1) [81.30081]		
Magnesium	2200	(170) [165.8925]	4300	(410) [414.0786]	12000	(350) [347.2222]	3600	(81) [81.30081]		
Manganese	120	(1.7) [165.8925]	350	(4.1) [414.0786]	470	(3.5) [347.2222]	210	(0.81) [81.30081]		
Molybdenum	ND	(8.3) [165.8925]	ND	(21) [414.0786]	ND	(17) [347.2222]	ND	(4.1) [81.30081]		
Nickel	6.6	(3.3) [165.8925]	15	(8.3) [414.0786]	50	(6.9) [347.2222]	15	(1.6) [81.30081]		
Potassium	ND	(500) [165.8925]	ND	(1200) [414.0786]	1500	(1000) [347.2222]	1500	(240) [81.30081]		
Selenium	ND	(50) [165.8925]	ND	(120) [414.0786]	ND	(100) [347.2222]	ND	(24) [81.30081]		
Silver	ND	(1.7) [165.8925]	ND	(4.1) [414.0786]	ND	(3.5) [347.2222]	ND	(0.81) [81.30081]		
Sodium	2000	(170) [165.8925]	2100	(410) [414.0786]	1900	(350) [347.2222]	350	(81) [81.30081]		
Thallium	ND	(17) [165.8925]	ND	(41) [414.0786]	ND	(35) [347.2222]	ND	(8.1) [81.30081]		
Vanadium	9.2	(3.3) [165.8925]	16	(8.3) [414.0786]	54	(6.9) [347.2222]	25	(1.6) [81.30081]		
Zinc	40	(3.3) [165.8925]	28	(8.3) [414.0786]	290	(6.9) [347.2222]	48	(1.6) [81.30081]		
SW7060 - Arsenic (mg/kg)										
Arsenic	4.6	(0.66) [165.8925]	35	(3.3) [828.1573]	32	(2.8) [694.4444]	6.5	(0.71) [176.3668]		
SW7421 - Lead (mg/kg)										
Lead	2.9 B	(0.5) [165.8925]	11	(1.2) [414.0786]	53	(4.2) [1388.888]	15	(1.1) [352.7336]		

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	07	07	07	09
Mercury	07-SS-03	07-SS-04	07-SS-05	09-MW-01
SW7740 - Selenium (mg/kg)	07-SS-03-01	07-SS-04-01	07-SS-05-01	09-MW-01-02
Selenium	0 - 0.5	0 - 0.5	0 - 0.5	2 - 3
SW846 - Percent Moisture (%)				
Percent moisture				

Compiled: 21 Mar 1995 () = Detection Limit [] = Factor = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	09 09-MW-02 2.5 - 4.5	09 09-MW-03 09-MW-03-02 2.5 - 4	09 09-MW-04 09-MW-04-02 3 - 3.5	09 09-MW-05 09-MW-05-02 2.5 - 4			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID								
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID								
SW6010 - Metals (mg/kg)												
Aluminum	12000	(20)	[99.0099]	5000	(17)	[84.0336]	10000	(18)	[87.71929]	14000	(22)	[107.5268]
Antimony	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND	(11)	[107.5268]
Arsenic	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND	(32)	[107.5268]
Barium	210	(0.99)	[99.0099]	77	(0.84)	[84.0336]	180	(0.88)	[87.71929]	210	(1.1)	[107.5268]
Beryllium	0.24	(0.2)	[99.0099]	ND	(0.17)	[84.0336]	0.2	(0.18)	[87.71929]	0.32	(0.22)	[107.5268]
Cadmium	ND	(0.5)	[99.0099]	ND	(0.42)	[84.0336]	ND	(0.44)	[87.71929]	ND	(0.54)	[107.5268]
Calcium	18000	(99)	[99.0099]	2900	(84)	[84.0336]	12000	(88)	[87.71929]	16000	(110)	[107.5268]
Chromium	25	(0.99)	[99.0099]	11	(0.84)	[84.0336]	22	(0.88)	[87.71929]	28	(1.1)	[107.5268]
Cobalt	9.6	(0.99)	[99.0099]	6.3	(0.84)	[84.0336]	8.9	(0.88)	[87.71929]	13	(1.1)	[107.5268]
Copper	27	(2)	[99.0099]	15	(1.7)	[84.0336]	26	(1.8)	[87.71929]	32	(2.2)	[107.5268]
Iron	23000	(5)	[99.0099]	9700	(4.2)	[84.0336]	20000	(4.4)	[87.71929]	25000	(5.4)	[107.5268]
Lead	9.9	(5)	[99.0099]	ND	(4.2)	[84.0336]	35	(4.4)	[87.71929]	7.5	(5.4)	[107.5268]
Magnesium	7900	(99)	[99.0099]	2600	(84)	[84.0336]	6400	(88)	[87.71929]	8300	(110)	[107.5268]
Manganese	410	(0.99)	[99.0099]	200	(0.84)	[84.0336]	370	(0.88)	[87.71929]	500	(1.1)	[107.5268]
Molybdenum	ND	(5)	[99.0099]	ND	(4.2)	[84.0336]	ND	(4.4)	[87.71929]	ND	(5.4)	[107.5268]
Nickel	29	(2)	[99.0099]	14	(1.7)	[84.0336]	24	(1.8)	[87.71929]	32	(2.2)	[107.5268]
Potassium	1200	(300)	[99.0099]	500	(250)	[84.0336]	1100	(260)	[87.71929]	1300	(320)	[107.5268]
Selenium	ND	(30)	[99.0099]	ND	(25)	[84.0336]	ND	(26)	[87.71929]	ND	(32)	[107.5268]
Silver	ND	(0.99)	[99.0099]	ND	(0.84)	[84.0336]	ND	(0.88)	[87.71929]	ND	(1.1)	[107.5268]
Sodium	470	(99)	[99.0099]	120	(84)	[84.0336]	330	(88)	[87.71929]	460	(110)	[107.5268]
Thallium	ND	(9.9)	[99.0099]	ND	(8.4)	[84.0336]	ND	(8.8)	[87.71929]	ND	(11)	[107.5268]
Vanadium	45	(2)	[99.0099]	19	(1.7)	[84.0336]	38	(1.8)	[87.71929]	46	(2.2)	[107.5268]
Zinc	68	(2)	[99.0099]	28	(1.7)	[84.0336]	78	(1.8)	[87.71929]	74	(2.2)	[107.5268]
SW7060 - Arsenic (mg/kg)												
Arsenic	11	(1.4)	[346.7105]	5	(0.34)	[84.88964]	7.8	(1.6)	[397.5352]	14	(0.88)	[220.3856]
SW7421 - Lead (mg/kg)												
Lead	9.1	(1)	[346.7105]	3.3	(0.25)	[84.88964]	15	(1.2)	[397.5352]	8.8	(1.3)	[440.7713]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	09	09			
SW7471 - Mercury (mg/kg)	09-MW-02 09-MW-02-02 2.5 - 4.5	09-MW-03 09-MW-03-02 2.5 - 4		09-MW-04 09-MW-04-02 3 - 3.5	09-MW-05 09-MW-05-02 2.5 - 4
Mercury	0.064 B (0.054) [301.2048]	0.12 (0.056) [309.5975]	ND	0.16 (0.058) [320.5128]	0.16 (0.06) [333.3333]
SW7740 - Selenium (mg/kg)	1.5 (0.49) [98.75567]	ND (0.42) [84.88964]	1.1	ND (0.44) [87.81173]	ND (0.55) [110.1928]
Selenium	17 () [1]	5 () [1]	22	() [1]	25 () [1]
SW846 - Percent Moisture (%)					
Percent moisture					

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID									
	09		09		09		09		09	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
SW6010 - Metals (mg/kg)										
Aluminum	9400	(25) [124.4709]	7000	(24) [118.7084]	9100	(17) [83.29168]	6300	(24) [118.4553]	09-MW-06	09-SS-01
Antimony	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]	09-MW-06	09-SS-02
Arsenic	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]	09-MW-06-02	09-SS-02-01
Barium	150	(1.2) [124.4709]	120	(1.2) [118.7084]	96	(0.83) [83.29168]	94	(1.2) [118.4553]	4 - 7	0 - 0.5
Beryllium	ND	(0.25) [124.4709]	ND	(0.24) [118.7084]	0.2	(0.17) [83.29168]	ND	(0.24) [118.4553]		
Cadmium	ND	(0.62) [124.4709]	ND	(0.59) [118.7084]	ND	(0.42) [83.29168]	ND	(0.59) [118.4553]		
Calcium	8800	(120) [124.4709]	6900	(120) [118.7084]	8000	(83) [83.29168]	7600	(120) [118.4553]		
Chromium	20	(1.2) [124.4709]	15	(1.2) [118.7084]	15	(0.83) [83.29168]	14	(1.2) [118.4553]		
Cobalt	9.5	(1.2) [124.4709]	6.8	(1.2) [118.7084]	10	(0.83) [83.29168]	8.1	(1.2) [118.4553]		
Copper	20	(2.5) [124.4709]	15	(2.4) [118.7084]	20	(1.7) [83.29168]	14	(2.4) [118.4553]		
Iron	18000	(6.2) [124.4709]	14000	(5.9) [118.7084]	17000	(4.2) [83.29168]	13000	(5.9) [118.4553]		
Lead	14	(6.2) [124.4709]	7.2	(5.9) [118.7084]	17	(4.2) [83.29168]	12	(5.9) [118.4553]		
Magnesium	5700	(120) [124.4709]	4100	(120) [118.7084]	4500	(83) [83.29168]	3900	(120) [118.4553]		
Manganese	340	(1.2) [124.4709]	280	(1.2) [118.7084]	330	(0.83) [83.29168]	240	(1.2) [118.4553]		
Molybdenum	ND	(6.2) [124.4709]	ND	(5.9) [118.7084]	ND	(4.2) [83.29168]	ND	(5.9) [118.4553]		
Nickel	22	(2.5) [124.4709]	16	(2.4) [118.7084]	23	(1.7) [83.29168]	18	(2.4) [118.4553]		
Potassium	1100	(370) [124.4709]	920	(360) [118.7084]	650	(250) [83.29168]	780	(360) [118.4553]		
Selenium	ND	(37) [124.4709]	ND	(36) [118.7084]	ND	(25) [83.29168]	ND	(36) [118.4553]		
Silver	ND	(1.2) [124.4709]	ND	(1.2) [118.7084]	ND	(0.83) [83.29168]	ND	(1.2) [118.4553]		
Sodium	260	(120) [124.4709]	190	(120) [118.7084]	170	(83) [83.29168]	160	(120) [118.4553]		
Thallium	ND	(12) [124.4709]	ND	(12) [118.7084]	ND	(8.3) [83.29168]	ND	(12) [118.4553]		
Vanadium	35	(2.5) [124.4709]	26	(2.4) [118.7084]	33	(1.7) [83.29168]	24	(2.4) [118.4553]		
Zinc	54	(2.5) [124.4709]	41	(2.4) [118.7084]	110	(1.7) [83.29168]	53	(2.4) [118.4553]		
SW7060 - Arsenic (mg/kg)	8.3	(0.9) [224.3460]	6.7	(0.48) [121.0360]	6.7	(0.65) [162.1073]	6.3	(0.55) [136.5224]		
Arsenic										
SW7421 - Lead (mg/kg)	7.2	(0.67) [224.9212]	7.1	(0.73) [242.0721]	9.4	(0.48) [161.1863]	7.6	(0.82) [273.8600]		
Lead										

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	09	09	09
	LOCATION ID	LOCATION ID				
	SAMPLE ID	SAMPLE ID				
SW7471 - Mercury (mg/kg)	09-MW-06	09-MW-06	09-DS-01 Dup of 09-MW-06-02	09-SS-01	09-SS-02	09-SS-02
Mercury	0.15	(0.064) [356.1253]	0.13	(0.051) [280.5836]	0.097 B	(0.054) [302.4803]
SW7740 - Selenium (mg/kg)	09-MW-06-02	09-MW-06	09-DS-01 Dup of 09-MW-06-02	09-SS-01-01	09-SS-02-01	09-SS-02-01
Selenium	ND	(0.56) [112.4606]	ND	(0.61) [121.0360]	ND	(0.68) [136.9300]
SW846 - Percent Moisture (%)	4 - 7	()	19	()	13	()
Percent moisture	22	()	[1]	[1]	33	[1]

Compiled: 21 March 1995
 () = Detection Limit [] = Factor NA = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	10 10-MW-01 10-DS-01 Dup of 10-MW-01-01 3 - 6	10 10-MW-02 10-MW-02-01 4 - 5.5	
	09		10					
	LOCATION ID SAMPLE ID	09-SS-03 09-SS-03-01 0 - 0.5	LOCATION ID SAMPLE ID	10-MW-01 10-MW-01-01 3 - 6				
SW6010 - Metals (mg/kg)								
Aluminum	11000	(22) [110.2292]	10000	(18) [88.49557]	11000	(18) [88.49557]	14000	(19) [96.15384]
Antimony	ND	(11) [110.2292]	ND	(8.8) [88.49557]	ND	(8.8) [88.49557]	ND	(9.6) [96.15384]
Arsenic	ND	(33) [110.2292]	ND	(27) [88.49557]	ND	(27) [88.49557]	ND	(29) [96.15384]
Barium	200	(1.1) [110.2292]	180	(0.88) [88.49557]	190	(0.88) [88.49557]	260	(0.96) [96.15384]
Beryllium	0.32	(0.22) [110.2292]	0.26	(0.18) [88.49557]	0.26	(0.18) [88.49557]	0.38	(0.19) [96.15384]
Cadmium	ND	(0.55) [110.2292]	ND	(0.44) [88.49557]	ND	(0.44) [88.49557]	ND	(0.48) [96.15384]
Calcium	19000	(110) [110.2292]	14000	(88) [88.49557]	15000	(88) [88.49557]	12000	(96) [96.15384]
Chromium	25	(1.1) [110.2292]	22	(0.88) [88.49557]	22	(0.88) [88.49557]	31	(0.96) [96.15384]
Cobalt	13	(1.1) [110.2292]	10	(0.88) [88.49557]	9.9	(0.88) [88.49557]	13	(0.96) [96.15384]
Copper	35	(2.2) [110.2292]	30	(1.8) [88.49557]	27	(1.8) [88.49557]	69	(1.9) [96.15384]
Iron	25000	(5.5) [110.2292]	21000	(4.4) [88.49557]	22000	(4.4) [88.49557]	30000	(4.8) [96.15384]
Lead	22	(5.5) [110.2292]	9	(4.4) [88.49557]	ND	(4.4) [88.49557]	16	(4.8) [96.15384]
Magnesium	8700	(110) [110.2292]	6900	(88) [88.49557]	7400	(88) [88.49557]	8900	(96) [96.15384]
Manganese	500	(1.1) [110.2292]	410	(0.88) [88.49557]	410	(0.88) [88.49557]	500	(0.96) [96.15384]
Molybdenum	ND	(5.5) [110.2292]	ND	(4.4) [88.49557]	ND	(4.4) [88.49557]	ND	(4.8) [96.15384]
Nickel	28	(2.2) [110.2292]	25	(1.8) [88.49557]	26	(1.8) [88.49557]	38	(1.9) [96.15384]
Potassium	1200	(330) [110.2292]	1100	(270) [88.49557]	1100	(270) [88.49557]	1400	(290) [96.15384]
Selenium	ND	(33) [110.2292]	ND	(27) [88.49557]	ND	(27) [88.49557]	ND	(29) [96.15384]
Silver	ND	(1.1) [110.2292]	ND	(0.88) [88.49557]	ND	(0.88) [88.49557]	ND	(0.96) [96.15384]
Sodium	370	(110) [110.2292]	320	(88) [88.49557]	370	(88) [88.49557]	420	(96) [96.15384]
Thallium	ND	(11) [110.2292]	ND	(8.8) [88.49557]	ND	(8.8) [88.49557]	ND	(9.6) [96.15384]
Vanadium	41	(2.2) [110.2292]	38	(1.8) [88.49557]	40	(1.8) [88.49557]	50	(1.9) [96.15384]
Zinc	100	(2.2) [110.2292]	76	(1.8) [88.49557]	68	(1.8) [88.49557]	110	(1.9) [96.15384]
SW7060 - Arsenic (mg/kg)								
Arsenic	15	(1.8) [444.4444]	8.5	(0.81) [201.3490]	12	(0.72) [179.5493]	17	(1.5) [367.8160]
SW7421 - Lead (mg/kg)								
Lead	17	(1.3) [444.4444]	15	(1.2) [402.6980]	9.4	(1.1) [359.0986]	13	(1.1) [367.8160]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
		BEG. DEPTH - END DEPTH (FT.)		
	09	10	10	10
	09-SS-03	10-MW-01	10-MW-01	10-MW-02
	09-SS-03-01	10-MW-01-01	10-DS-01 Dup of 10-MW-01-01	10-MW-02-01
	0 - 0.5	3 - 6	3 - 6	4 - 5.5

SW7471 - Mercury (mg/kg)				
Mercury	0.12	(0.054) [301.9323]	ND	(0.047) [259.7402]
SW7740 - Selenium (mg/kg)				
Selenium	ND	(0.56) [111.1111]	0.99	(0.5) [100.6745]
SW846 - Percent Moisture (%)				
Percent moisture	28	() [1]	23	() [1]
			0.081 B	(0.063) [351.6174]
			1.4	(0.45) [89.77466]
			21	() [1]
			25	() [1]
			ND	(0.057) [317.4603]
			1.8	(0.48) [95.92326]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	10		10		10			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	10-MW-03	10-SB-01	10-SB-01	10-SB-01	10-SB-01	10-SB-02		
	10-MW-03-01	10-SB-01-01	10-SB-01-01	10-SB-01-02	10-SB-02-01			
	4 - 6	2 - 4	2 - 4	5 - 7	1 - 3			
	BEG. DEPTH - END DEPTH (FT.)							

SW6010 - Metals (mg/kg)								
Aluminum	15000	(23) [113.6363]	7400	(15) [75.18796]	13000	(18) [90.90908]	7100	(18) [87.71929]
Antimony	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]
Arsenic	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]
Barium	300	(1.1) [113.6363]	120	(0.75) [75.18796]	250	(0.91) [90.90908]	140	(0.88) [87.71929]
Beryllium	0.42	(0.23) [113.6363]	0.19	(0.15) [75.18796]	0.36	(0.18) [90.90908]	0.19	(0.18) [87.71929]
Cadmium	ND	(0.57) [113.6363]	ND	(0.38) [75.18796]	ND	(0.45) [90.90908]	ND	(0.44) [87.71929]
Calcium	15000	(110) [113.6363]	8300	(75) [75.18796]	18000	(91) [90.90908]	9600	(88) [87.71929]
Chromium	33	(1.1) [113.6363]	16	(0.75) [75.18796]	28	(0.91) [90.90908]	16	(0.88) [87.71929]
Cobalt	12	(1.1) [113.6363]	7.2	(0.75) [75.18796]	12	(0.91) [90.90908]	7	(0.88) [87.71929]
Copper	43	(2.3) [113.6363]	62	(1.5) [75.18796]	41	(1.8) [90.90908]	21	(1.8) [87.71929]
Iron	29000	(5.7) [113.6363]	15000	(3.8) [75.18796]	28000	(4.5) [90.90908]	15000	(4.4) [87.71929]
Lead	7.9	(5.7) [113.6363]	6.6	(3.8) [75.18796]	6.2	(4.5) [90.90908]	11	(4.4) [87.71929]
Magnesium	8900	(110) [113.6363]	4800	(75) [75.18796]	9200	(91) [90.90908]	4700	(88) [87.71929]
Manganese	640	(1.1) [113.6363]	280	(0.75) [75.18796]	560	(0.91) [90.90908]	270	(0.88) [87.71929]
Molybdenum	ND	(5.7) [113.6363]	ND	(3.8) [75.18796]	ND	(4.5) [90.90908]	ND	(4.4) [87.71929]
Nickel	39	(2.3) [113.6363]	19	(1.5) [75.18796]	31	(1.8) [90.90908]	19	(1.8) [87.71929]
Potassium	1700	(340) [113.6363]	780	(230) [75.18796]	1300	(270) [90.90908]	770	(260) [87.71929]
Selenium	ND	(34) [113.6363]	ND	(23) [75.18796]	ND	(27) [90.90908]	ND	(26) [87.71929]
Silver	ND	(1.1) [113.6363]	ND	(0.75) [75.18796]	ND	(0.91) [90.90908]	ND	(0.88) [87.71929]
Sodium	400	(110) [113.6363]	220	(75) [75.18796]	400	(91) [90.90908]	190	(88) [87.71929]
Thallium	ND	(11) [113.6363]	ND	(7.5) [75.18796]	ND	(9.1) [90.90908]	ND	(8.8) [87.71929]
Vanadium	55	(2.3) [113.6363]	28	(1.5) [75.18796]	45	(1.8) [90.90908]	29	(1.8) [87.71929]
Zinc	100	(2.3) [113.6363]	67	(1.5) [75.18796]	90	(1.8) [90.90908]	52	(1.8) [87.71929]
SW7060 - Arsenic (mg/kg)								
Arsenic	11	(0.79) [197.1025]	7.6	(0.73) [182.1493]	13	(1.5) [363.2730]	7.7	(0.71) [178.2848]
SW7421 - Lead (mg/kg)								
Lead	8.5	(1.2) [394.2051]	11	(1.1) [364.2987]	9.6	(1.1) [363.2730]	29	(2.4) [800.2560]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	CONCENTRATION	UNITS	NO.	REMARKS
	LOCATION ID	SAMPLE ID					
SW7740 - Mercury (mg/kg)	10	10					
	10-MW-03	10-SB-01					
SW7740 - Selenium (mg/kg)	10	10					
	10-MW-03-01	10-SB-01-02					
SW846 - Percent Moisture (%)	10	10					
	4 - 6	5 - 7					
SW7471 - Mercury (mg/kg)	10	10					
	10-MW-03-01	10-SB-01-01					
SW7471 - Selenium (mg/kg)	10	10					
	2 - 4	5 - 7					
Percent moisture	10	10					
	4 - 6	5 - 7					

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID															
	10					10										
	LOCATION ID		SAMPLE ID			LOCATION ID		SAMPLE ID								
	10-SB-02					10-SB-03					10-SB-03					
	10-SB-02-02					10-SB-03-01					10-SB-03-02					
	4 - 6					1 - 2.5					4 - 5.5					
	BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)					BEG. DEPTH - END DEPTH (FT.)					
	13000					5900					12000					
Aluminum	ND	(73)	[363.6363]	(36)	[363.6363]	ND	(7.4)	[74.07407]	(15)	[74.07407]	12000	(19)	[96.15384]	9900	(19)	[93.45793]
Antimony	ND	(36)	[363.6363]	(36)	[363.6363]	ND	(7.4)	[74.07407]	(7.4)	[74.07407]	ND	(9.6)	[96.15384]	ND	(9.3)	[93.45793]
Arsenic	ND	(110)	[363.6363]	(110)	[363.6363]	ND	(22)	[74.07407]	(22)	[74.07407]	ND	(29)	[96.15384]	ND	(28)	[93.45793]
Barium	240	(3.6)	[363.6363]	(3.6)	[363.6363]	87	(0.74)	[74.07407]	(0.74)	[74.07407]	170	(0.96)	[96.15384]	150	(0.93)	[93.45793]
Beryllium	ND	(0.73)	[363.6363]	(0.73)	[363.6363]	ND	(0.15)	[74.07407]	(0.15)	[74.07407]	ND	(0.19)	[96.15384]	ND	(0.19)	[93.45793]
Cadmium	ND	(1.8)	[363.6363]	(1.8)	[363.6363]	0.53	(0.37)	[74.07407]	(0.37)	[74.07407]	ND	(0.48)	[96.15384]	ND	(0.47)	[93.45793]
Calcium	19000	(360)	[363.6363]	(360)	[363.6363]	3700	(74)	[74.07407]	(74)	[74.07407]	14000	(96)	[96.15384]	11000	(93)	[93.45793]
Chromium	27	(3.6)	[363.6363]	(3.6)	[363.6363]	14	(0.74)	[74.07407]	(0.74)	[74.07407]	24	(0.96)	[96.15384]	20	(0.93)	[93.45793]
Cobalt	12	(3.6)	[363.6363]	(3.6)	[363.6363]	5.8	(0.74)	[74.07407]	(0.74)	[74.07407]	9.1	(0.96)	[96.15384]	8.5	(0.93)	[93.45793]
Copper	33	(7.3)	[363.6363]	(7.3)	[363.6363]	13	(1.5)	[74.07407]	(1.5)	[74.07407]	25	(1.9)	[96.15384]	25	(1.9)	[93.45793]
Iron	28000	(18)	[363.6363]	(18)	[363.6363]	12000	(3.7)	[74.07407]	(3.7)	[74.07407]	22000	(4.8)	[96.15384]	21000	(4.7)	[93.45793]
Lead	ND	(18)	[363.6363]	(18)	[363.6363]	28	(3.7)	[74.07407]	(3.7)	[74.07407]	10	(4.8)	[96.15384]	6.7	(4.7)	[93.45793]
Magnesium	9500	(360)	[363.6363]	(360)	[363.6363]	3200	(74)	[74.07407]	(74)	[74.07407]	7500	(96)	[96.15384]	6300	(93)	[93.45793]
Manganese	520	(3.6)	[363.6363]	(3.6)	[363.6363]	190	(0.74)	[74.07407]	(0.74)	[74.07407]	360	(0.96)	[96.15384]	340	(0.93)	[93.45793]
Molybdenum	ND	(18)	[363.6363]	(18)	[363.6363]	ND	(3.7)	[74.07407]	(3.7)	[74.07407]	ND	(4.8)	[96.15384]	ND	(4.7)	[93.45793]
Nickel	32	(7.3)	[363.6363]	(7.3)	[363.6363]	17	(1.5)	[74.07407]	(1.5)	[74.07407]	27	(1.9)	[96.15384]	23	(1.9)	[93.45793]
Potassium	1200	(1100)	[363.6363]	(1100)	[363.6363]	560	(220)	[74.07407]	(220)	[74.07407]	1100	(290)	[96.15384]	860	(280)	[93.45793]
Selenium	ND	(110)	[363.6363]	(110)	[363.6363]	ND	(22)	[74.07407]	(22)	[74.07407]	ND	(29)	[96.15384]	ND	(28)	[93.45793]
Silver	ND	(3.6)	[363.6363]	(3.6)	[363.6363]	ND	(0.74)	[74.07407]	(0.74)	[74.07407]	ND	(0.96)	[96.15384]	ND	(0.93)	[93.45793]
Sodium	420	(360)	[363.6363]	(360)	[363.6363]	170	(74)	[74.07407]	(74)	[74.07407]	530	(96)	[96.15384]	440	(93)	[93.45793]
Thallium	ND	(36)	[363.6363]	(36)	[363.6363]	ND	(7.4)	[74.07407]	(7.4)	[74.07407]	ND	(9.6)	[96.15384]	ND	(9.3)	[93.45793]
Vanadium	46	(7.3)	[363.6363]	(7.3)	[363.6363]	24	(1.5)	[74.07407]	(1.5)	[74.07407]	44	(1.9)	[96.15384]	39	(1.9)	[93.45793]
Zinc	88	(7.3)	[363.6363]	(7.3)	[363.6363]	36	(1.5)	[74.07407]	(1.5)	[74.07407]	60	(1.9)	[96.15384]	54	(1.9)	[93.45793]
SW7060 - Arsenic (mg/kg)	12	(0.83)	[208.3333]	(0.83)	[208.3333]	5.2	(0.33)	[81.40008]	(0.33)	[81.40008]	11	(0.8)	[200.5012]	10	(0.81)	[201.3490]
Arsenic	8.9	(1.2)	[416.6666]	(1.2)	[416.6666]	39	(2.4)	[814.0008]	(2.4)	[814.0008]	9.8	(1.2)	[401.0025]	6.8	(0.6)	[201.3490]
SW7421 - Lead (mg/kg)																
Lead																

Compiled: 21 March 1995
 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	10 10-SB-02	4 - 6	10 10-SB-03	4 - 5.5	10 10-SB-03	7 - 8.5
Mercury	ND	(0.057) [317.4603]	ND	(0.047) [261.6431]	ND	(0.053) [295.1593]
SW7740 - Selenium (mg/kg)	10 10-SB-02-02	4 - 6	10 10-SB-03-01	1 - 2.5	10 10-SB-03-02	4 - 5.5
Selenium	1.8	(0.52) [104.1666]	0.53	(0.37) [74.25007]	1.3	(0.48) [95.92326]
SW846 - Percent Moisture (%)	25	() [1]	9	() [1]	25	() [1]
Percent moisture					23	() [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID							
	10		10		10			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	10-SS-01	10-SS-02	10-SS-03	10-SS-03	10-SS-03	10-SS-03		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01	10-SS-03-01	10-SS-03-01		
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5		
	10-DS-02							
	Dup of 10-SS-03-01							
	0 - 0.5							
SW6010 - Metals (mg/kg)								
Aluminum	7600	(15) [76.33588]	6500	(14) [69.44444]	6300	(15) [72.9927]	5300	(13) [67.11409]
Antimony	ND	(7.6) [76.33588]	ND	(6.9) [69.44444]	8.2	(7.3) [72.9927]	ND	(6.7) [67.11409]
Arsenic	ND	(23) [76.33588]	ND	(21) [69.44444]	ND	(22) [72.9927]	ND	(20) [67.11409]
Barium	140	(0.76) [76.33588]	110	(0.69) [69.44444]	98	(0.73) [72.9927]	82	(0.67) [67.11409]
Beryllium	ND	(0.15) [76.33588]	ND	(0.14) [69.44444]	ND	(0.15) [72.9927]	ND	(0.13) [67.11409]
Cadmium	2	(0.38) [76.33588]	0.6	(0.35) [69.44444]	ND	(0.36) [72.9927]	ND	(0.34) [67.11409]
Calcium	7700	(76) [76.33588]	5400	(69) [69.44444]	4700	(73) [72.9927]	4100	(67) [67.11409]
Chromium	16	(0.76) [76.33588]	14	(0.69) [69.44444]	11	(0.73) [72.9927]	9.5	(0.67) [67.11409]
Cobalt	7.5	(0.76) [76.33588]	7	(0.69) [69.44444]	7.1	(0.73) [72.9927]	5.6	(0.67) [67.11409]
Copper	20	(1.5) [76.33588]	32	(1.4) [69.44444]	47	(1.5) [72.9927]	44	(1.3) [67.11409]
Iron	15000	(3.8) [76.33588]	13000	(3.5) [69.44444]	14000	(3.6) [72.9927]	11000	(3.4) [67.11409]
Lead	15	(3.8) [76.33588]	24	(3.5) [69.44444]	17	(3.6) [72.9927]	19	(3.4) [67.11409]
Magnesium	4500	(76) [76.33588]	3300	(69) [69.44444]	3300	(73) [72.9927]	2500	(67) [67.11409]
Manganese	260	(0.76) [76.33588]	230	(0.69) [69.44444]	210	(0.73) [72.9927]	180	(0.67) [67.11409]
Molybdenum	ND	(3.8) [76.33588]	ND	(3.5) [69.44444]	ND	(3.6) [72.9927]	ND	(3.4) [67.11409]
Nickel	19	(1.5) [76.33588]	15	(1.4) [69.44444]	16	(1.5) [72.9927]	12	(1.3) [67.11409]
Potassium	740	(230) [76.33588]	660	(210) [69.44444]	530	(220) [72.9927]	510	(200) [67.11409]
Selenium	ND	(23) [76.33588]	ND	(21) [69.44444]	ND	(22) [72.9927]	ND	(20) [67.11409]
Silver	ND	(0.76) [76.33588]	ND	(0.69) [69.44444]	ND	(0.73) [72.9927]	ND	(0.67) [67.11409]
Sodium	200	(76) [76.33588]	210	(69) [69.44444]	140	(73) [72.9927]	120	(67) [67.11409]
Thallium	ND	(7.6) [76.33588]	ND	(6.9) [69.44444]	ND	(7.3) [72.9927]	ND	(6.7) [67.11409]
Vanadium	31	(1.5) [76.33588]	24	(1.4) [69.44444]	25	(1.5) [72.9927]	19	(1.3) [67.11409]
Zinc	55	(1.5) [76.33588]	110	(1.4) [69.44444]	150	(1.5) [72.9927]	160	(1.3) [67.11409]
SW7060 - Arsenic (mg/kg)								
Arsenic	6.8	(0.61) [152.8701]	47	(3.7) [927.6437]	23	(1.5) [365.7430]	32	(2.7) [671.2310]
SW7421 - Lead (mg/kg)								
Lead	14	(0.92) [305.7402]	21	(2.1) [694.4926]	22	(2.2) [731.4860]	28	(2) [671.2310]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7471 - Mercury (mg/kg)	10	10	10	10
Mercury	10-SS-01	10-SS-02	10-SS-03	10-SS-03
SW7740 - Selenium (mg/kg)	10-SS-01-01	10-SS-02-01	10-SS-03-01	10-SS-03-01
Selenium	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW846 - Percent Moisture (%)	0.089 B	0.093 B	0.094 B	0.084 B
Percent moisture	(0.046) [255.3626]	(0.051) [281.4522]	(0.047) [261.5062]	(0.041) [227.6348]
	ND (0.38) [76.43506]	ND (0.35) [69.44926]	ND (0.37) [73.14860]	ND (0.34) [67.12310]
	20 () [1]	12 () [1]	8.9 () [1]	9.1 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID					
	10		10		11	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-SS-04	10-SS-05	10-SS-06	11-SB-01		
	10-SS-04-01	10-SS-05-01	10-SS-06-01	11-SB-01-01		
	0 - 0.5	0 - 0.5	0 - 0.5	2 - 4		
	BEG. DEPTH - END DEPTH (FT.)					
SW6010 - Metals (mg/kg)						
Aluminum	9300	(17) [86.20689]	18000	(32) [162]	16000	(31) [155]
Antimony	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Arsenic	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Barium	150	(0.86) [86.20689]	340	(1.6) [162]	230	(1.6) [155]
Beryllium	ND	(0.17) [86.20689]	ND	(0.32) [162]	ND	(0.31) [155]
Cadmium	ND	(0.43) [86.20689]	1.4	(0.81) [162]	0.81	(0.78) [155]
Calcium	7300	(86) [86.20689]	12000	(160) [162]	7800	(160) [155]
Chromium	18	(0.86) [86.20689]	39	(1.6) [162]	30	(1.6) [155]
Cobalt	8.3	(0.86) [86.20689]	16	(1.6) [162]	16	(1.6) [155]
Copper	14	(1.7) [86.20689]	36	(3.2) [162]	31	(3.1) [155]
Iron	15000	(4.3) [86.20689]	30000	(8.1) [162]	28000	(7.8) [155]
Lead	19	(4.3) [86.20689]	88	(8.1) [162]	57	(7.8) [155]
Magnesium	4500	(86) [86.20689]	9100	(160) [162]	7000	(160) [155]
Manganese	280	(0.86) [86.20689]	520	(1.6) [162]	520	(1.6) [155]
Molybdenum	ND	(4.3) [86.20689]	ND	(8.1) [162]	ND	(7.8) [155]
Nickel	20	(1.7) [86.20689]	40	(3.2) [162]	39	(3.1) [155]
Potassium	930	(260) [86.20689]	2100	(490) [162]	1600	(460) [155]
Selenium	ND	(26) [86.20689]	ND	(49) [162]	ND	(46) [155]
Silver	ND	(0.86) [86.20689]	ND	(1.6) [162]	ND	(1.6) [155]
Sodium	240	(86) [86.20689]	510	(160) [162]	410	(160) [155]
Thallium	ND	(8.6) [86.20689]	ND	(16) [162]	ND	(16) [155]
Vanadium	33	(1.7) [86.20689]	61	(3.2) [162]	62	(3.1) [155]
Zinc	47	(1.7) [86.20689]	180	(3.2) [162]	160	(3.1) [155]
SW7060 - Arsenic (mg/kg)						
Arsenic	4.5	(0.29) [71.91657]	6.1	(0.64) [160.5136]	5.6	(0.6) [148.8205]
SW7421 - Lead (mg/kg)						
Lead	17	(0.86) [287.6663]	45	(2.4) [802.5682]	53	(4.5) [1488.205]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID			
	10	11						
	10-SS-04 0 - 0.5	11-SB-01 2 - 4						
SW7471 - Mercury (mg/kg)	0.094 B	(0.049) [269.6871]	0.14	(0.04) [224.7191]	0.11	(0.056) [312.1098]	0.11	(0.061) [337.8378]
Mercury	ND	(0.36) [71.91657]	ND	(0.4) [80.25682]	ND	(0.36) [71.56659]	ND	(0.47) [93.19664]
SW7740 - Selenium (mg/kg)	19	() [1]	30	() [1]	8.5	() [1]	26	() [1]
Selenium								
SW846 - Percent Moisture (%)								
Percent moisture								

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID											
	11		12									
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID								
	11-SB-01	11-SS-01	11-SS-01	12-MW-01								
	11-SB-01-02	11-SS-01-01	Dup of 11-SS-01-01	12-MW-01-02								
	5 - 7	0 - 0.5	0 - 0.5	5 - 7								
	BEG. DEPTH - END DEPTH (FT.)											

SW6010 - Metals (mg/kg)												
Aluminum	8700	(18)	[90.90908]	9700	(17)	[86.95652]	10000	(16)	[80]	7800	(15)	[72.9927]
Antimony	ND	(9.1)	[90.90908]	ND	(8.7)	[86.95652]	ND	(8)	[80]	ND	(7.3)	[72.9927]
Arsenic	ND	(27)	[90.90908]	68	(26)	[86.95652]	28	(24)	[80]	ND	(22)	[72.9927]
Barium	160	(0.91)	[90.90908]	210	(0.87)	[86.95652]	190	(0.8)	[80]	110	(0.73)	[72.9927]
Beryllium	0.24	(0.18)	[90.90908]	0.25	(0.17)	[86.95652]	0.28	(0.16)	[80]	ND	(0.15)	[72.9927]
Cadmium	ND	(0.45)	[90.90908]	ND	(0.43)	[86.95652]	0.76	(0.4)	[80]	ND	(0.36)	[72.9927]
Calcium	12000	(91)	[90.90908]	15000	(87)	[86.95652]	13000	(80)	[80]	7900	(73)	[72.9927]
Chromium	18	(0.91)	[90.90908]	22	(0.87)	[86.95652]	27	(0.8)	[80]	15	(0.73)	[72.9927]
Cobalt	8.8	(0.91)	[90.90908]	13	(0.87)	[86.95652]	11	(0.8)	[80]	8.1	(0.73)	[72.9927]
Copper	24	(1.8)	[90.90908]	260	(1.7)	[86.95652]	110	(1.6)	[80]	11	(1.5)	[72.9927]
Iron	19000	(4.5)	[90.90908]	31000	(4.3)	[86.95652]	24000	(4)	[80]	15000	(3.6)	[72.9927]
Lead	ND	(4.5)	[90.90908]	69	(4.3)	[86.95652]	34	(4)	[80]	8.1	(3.6)	[72.9927]
Magnesium	6500	(91)	[90.90908]	6100	(87)	[86.95652]	6400	(80)	[80]	4800	(73)	[72.9927]
Manganese	380	(0.91)	[90.90908]	410	(0.87)	[86.95652]	360	(0.8)	[80]	260	(0.73)	[72.9927]
Molybdenum	ND	(4.5)	[90.90908]	6.2	(4.3)	[86.95652]	ND	(4)	[80]	ND	(3.6)	[72.9927]
Nickel	29	(1.8)	[90.90908]	24	(1.7)	[86.95652]	27	(1.6)	[80]	18	(1.5)	[72.9927]
Potassium	740	(270)	[90.90908]	1200	(260)	[86.95652]	1100	(240)	[80]	620	(220)	[72.9927]
Selenium	ND	(27)	[90.90908]	ND	(26)	[86.95652]	ND	(24)	[80]	ND	(22)	[72.9927]
Silver	ND	(0.91)	[90.90908]	ND	(0.87)	[86.95652]	ND	(0.8)	[80]	ND	(0.73)	[72.9927]
Sodium	290	(91)	[90.90908]	270	(87)	[86.95652]	340	(80)	[80]	280	(73)	[72.9927]
Thallium	ND	(9.1)	[90.90908]	ND	(8.7)	[86.95652]	ND	(8)	[80]	ND	(7.3)	[72.9927]
Vanadium	30	(1.8)	[90.90908]	36	(1.7)	[86.95652]	38	(1.6)	[80]	32	(1.5)	[72.9927]
Zinc	58	(1.8)	[90.90908]	1100	(1.7)	[86.95652]	450	(1.6)	[80]	39	(1.5)	[72.9927]
SW7060 - Arsenic (mg/kg)												
Arsenic	8.5	(0.78)	[194.7419]	32	(3.5)	[880.9020]	38	(3.3)	[823.4519]	4.3	(0.29)	[73.20429]
SW7421 - Lead (mg/kg)												
Lead	11	(1.2)	[389.4839]	42	(2.6)	[880.9020]	36	(2.5)	[823.4519]	3.7	(0.44)	[146.4085]

() = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

Compiled: 21 March 1995

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID
	11	12			
SW7471 - Mercury (mg/kg)					
Mercury	ND	(0.054) [301.3863]	ND	(0.062) [341.9972]	0.072 B (0.037) [206.6115] 0.081 B (0.041) [225.9784]
SW7740 - Selenium (mg/kg)					
Selenium	ND	(0.49) [97.37098]	ND	(0.44) [88.09020]	0.62 (0.41) [82.34519] ND (0.37) [73.20429]
SW846 - Percent Moisture (%)					
Percent moisture	21	() [1]	14	() [1]	12 () [1] 3.8 () [1]

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

12
12-MW-02
12-MW-02-02
10 - 12

PARAMETER			
SW6010 - Metals (mg/kg)			
Aluminum	4600	(16)	[81.30081]
Antimony	13	(8.1)	[81.30081]
Arsenic	ND	(24)	[81.30081]
Barium	84	(0.81)	[81.30081]
Beryllium	ND	(0.16)	[81.30081]
Cadmium	ND	(0.41)	[81.30081]
Calcium	2800	(81)	[81.30081]
Chromium	9.4	(0.81)	[81.30081]
Cobalt	5.3	(0.81)	[81.30081]
Copper	10	(1.6)	[81.30081]
Iron	8600	(4.1)	[81.30081]
Lead	ND	(4.1)	[81.30081]
Magnesium	2500	(81)	[81.30081]
Manganese	160	(0.81)	[81.30081]
Molybdenum	ND	(4.1)	[81.30081]
Nickel	12	(1.6)	[81.30081]
Potassium	310	(240)	[81.30081]
Selenium	ND	(24)	[81.30081]
Silver	ND	(0.81)	[81.30081]
Sodium	88	(81)	[81.30081]
Thallium	ND	(8.1)	[81.30081]
Vanadium	19	(1.6)	[81.30081]
Zinc	21	(1.6)	[81.30081]
SW7060 - Arsenic (mg/kg)			
Arsenic	2.4	(0.32)	[81.15829]
SW7421 - Lead (mg/kg)			
Lead	5.6	(0.49)	[162.3165]

Compiled: 21 March 1995 () = Detection Limit [] = Factor ND = Not Detected NA = Not Applicable

TABLE A5

RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1992 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

12
 12-MW-02
 12-MW-02-02
 10 - 12

PARAMETER		
SW7471 - Mercury (mg/kg)	0.084 B	(0.047) [262.7982]
Mercury		
SW7740 - Selenium (mg/kg)	ND	(0.41) [81.15829]
Selenium		
SW846 - Percent Moisture (%)	9.4	() [1]
Percent moisture		

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)				
Total Alkalinity				
E120.1 - Specific Conductance (umhos/cm)				
Specific Conductivity				
E150.1 - pH, Electrometric (PH UNITS)				
pH				
E170.1 - Temperature (degC)				
Temperature				
E180.1 - Turbidity (ntu)				
Turbidity				

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-1

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			Dilution Factor	Detection Limit	Value	QC Report
	LOCATION ID	LOCATION ID	LOCATION ID				
	SAMPLE ID	SAMPLE ID	SAMPLE ID				
A403 - Alkalinity (mg/L)							
Total Alkalinity							
E120.1 - Specific Conductance (umhos/cm)							
Specific Conductivity							
E150.1 - pH, Electrometric (PH UNITS)							
pH							
E170.1 - Temperature (degC)							
Temperature							
E180.1 - Turbidity (ntu)							
Turbidity							

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)				
Total Alkalinity	728	410	628	840
E120.1 - Specific Conductance (umhos/cm)				
Specific Conductivity	1240	720	1160	1350
E150.1 - pH, Electrometric (PH UNITS)				
pH	6.82	6.86	6.76	6.93
E170.1 - Temperature (degC)				
Temperature	2.5	2	3	2.5
E180.1 - Turbidity (ntu)				
Turbidity	41	37	44	101

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-3

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L)						
Total Alkalinity		400	[1]	644	[1]	538
E120.1 - Specific Conductance (umhos/cm)			[1]	1100	[1]	930
Specific Conductivity		920	[1]	6.61	[1]	6.64
E150.1 - pH, Electrometric (PH UNITS)		6.75	[1]	1.5	[1]	2
pH			[1]	9.8	[1]	NA
E170.1 - Temperature (degC)		2	[1]		[1]	
Temperature		33	[1]		[1]	
E180.1 - Turbidity (ntu)			[1]		[1]	
Turbidity			[1]		[1]	

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			Dilution Factor	Detection Limit	NA = Not Detected	ND = Not Detected	NA = Not Applicable	* - Value considered suspect, Refer to QC Report
	LOCATION ID	LOCATION ID	SAMPLE ID						
	005	008	008						
	05-MW-15	06-MW-01	06-MW-02						06-MW-03
	05-MW-15-01	06-MW-01-03	06-MW-02-03						06-MW-03-03
A403 - Alkalinity (mg/L)		830	764	[1]	()	()	()	()	()
Total Alkalinity	506	[1]	[1]	[1]	()	()	()	()	()
E120.1 - Specific Conductance (umhos/cm)	890	[1]	1360	[1]	()	()	()	()	()
Specific Conductivity	890	[1]	[1]	[1]	()	()	()	()	()
E150.1 - pH, Electrometric (PH UNITS)	6.84	[1]	6.57	[1]	()	()	()	()	()
pH	6.84	[1]	[1]	[1]	()	()	()	()	()
E170.1 - Temperature (degC)	1	[1]	5	[1]	()	()	()	()	()
Temperature	1	[1]	[1]	[1]	()	()	()	()	()
E180.1 - Turbidity (ntu)	NA	[1]	195	[1]	()	()	()	()	()
Turbidity	NA	[1]	[1]	[1]	()	()	()	()	()

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-5

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	008	008	008
Total Alkalinity	590	824	824
E120.1 - Specific Conductance (umhos/cm)	()	[1]	[1]
Specific Conductivity	1260	1400	1400
E150.1 - pH, Electrometric (PH UNITS)	()	[1]	[1]
pH	6.78	6.56	6.56
E170.1 - Temperature (degC)	()	[1]	[1]
Temperature	5.5	4	4
E180.1 - Turbidity (ntu)	()	[1]	[1]
Turbidity	9.6	NA	NA
	008	008	008
	06-MW-04	06-MW-07	06-MW-07
	06-MW-04-03	06-MW-07-01	06-MW-07-01
	3	3	3
	07-MW-01	07-MW-01	07-MW-02
	07-MW-01-03	07-MW-01-03	07-MW-02-03

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-6

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID		SAMPLE ID		SAMPLE ID	
	3	3	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01	07-SW-03-01	07-SW-04-01
A403 - Alkalinity (mg/L)						
Total Alkalinity	790	0	338	358	()	()
E120.1 - Specific Conductance (umhos/cm)						
Specific Conductivity	1320	1390	1620	1700	()	()
E150.1 - pH, Electrometric (PH UNITS)						
pH	7.04	7.23	7.36	6.99	()	()
E170.1 - Temperature (degC)						
Temperature	3	2.5	NA	NA	NA	NA
E180.1 - Turbidity (ntu)						
Turbidity	96.3	0	NA	NA	()	()

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A6-7

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		DILUTION FACTOR	DETECTION LIMIT	VALUE	UNIT	QUALITY
	LOCATION ID	SAMPLE ID					
A403 - Alkalinity (mg/L)							
Total Alkalinity	344						
E120.1 - Specific Conductance (umhos/cm)							
Specific Conductivity	1600						
E150.1 - pH, Electrometric (PH UNITS)							
pH	7.19						
E170.1 - Temperature (degC)							
Temperature	NA						

SITE ID	LOCATION ID	SAMPLE ID
3	07-SW-05	07-SW-05-01
3	07-SW-06	07-SW-06-01
3	07-SW-07	07-SW-07-01
7	08-SW-01	08-SW-01-01

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	SAMPLE ID	
A403 - Alkalinity (mg/L)			
Total Alkalinity	NA	NA	706 () [1]
E120.1 - Specific Conductance (degC)			
Specific Conductivity	100 () [1]	400 () [1]	720 () [1] 1220 () [1]
E150.1 - pH, Electrometric			
pH	6.39 () [1]	6.88 () [1]	7.05 () [1] 6.77 () [1]
E170.1 - Temperature (PH UNITS)			
Temperature	0.3 () [1]	0 () [1]	0 () [1] 5 () [1]
E180.1 - Turbidity (ntu)			
Turbidity	NA	NA	136 () [1]

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	SAMPLE ID	
A403 - Alkalinity (mg/L)			
Total Alkalinity	600	NA	NA
E120.1 - Specific Conductance (umhos/cm)	1060	NA	NA
Specific Conductivity	1060	1170	980
E150.1 - pH, Electrometric (PH UNITS)			
pH	6.81	6.74	6.75
E170.1 - Temperature (degC)			
Temperature	4.5	3.5	3
E180.1 - Turbidity (ntu)			
Turbidity	16	15	32

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			DILUTION FACTOR	DETECTION LIMIT	NOT DETECTED	NOT APPLICABLE	NOT DETECTED	VALUE CONSIDERED SUSPECT	QC REPORT
	LOCATION ID	SAMPLE ID	SAMPLE ID							
A403 - Alkalinity (mg/L)										
Total Alkalinity										
E120.1 - Specific Conductance (umhos/cm)										
Specific Conductivity										
E150.1 - pH, Electrometric (PH UNITS)										
pH										
E170.1 - Temperature (degC)										
Temperature										
E180.1 - Turbidity (ntu)										
Turbidity										

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-11

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
A403 - Alkalinity (mg/L)						
Total Alkalinity						
E120.1 - Specific Conductance (umhos/cm)	620	()	[1]	540	()	[1]
Specific Conductivity	990	()	[1]	910	()	[1]
E150.1 - pH, Electrometric (PH UNITS)	4.6	()	[1]	6.17	()	[1]
pH						
E170.1 - Temperature (degC)	3	()	[1]	4	()	[1]
Temperature						
E180.1 - Turbidity (ntu)	39	()	[1]	170	()	[1]
Turbidity						

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A6-12

TABLE A6

ALL RESULTS FOR FIELD PARAMETERS FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	5	5	5	5	5	5
	22-GP-01	22-GP-01	22-GP-02	22-GP-02	22-GP-03	22-GP-03
	01-01	01-01	02-01	02-01	03-01	03-01
	1070	1210	1070	1210	940	940
E120.1 - Specific Conductance (degC)	()	()	()	()	()	()
Specific Conductivity	[]	[]	[]	[]	[]	[]
E150.1 - pH, Electrometric	()	()	()	()	()	()
pH	[]	[]	[]	[]	[]	[]
E170.1 - Temperature (PH UNITS)	()	()	()	()	()	()
Temperature	[]	[]	[]	[]	[]	[]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	001			001			001			001		
	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL
Diesel Range Organics (ug/L)												
Diesel Range Organics	4.00 JB (200) [1]	4.00 JB (200) [1]		4.00 JB (200) [1]	2.00 JB (200) [1]	110 J (200) [1]	01-MW-01-03	01-MW-07-01	01-MW-08-01			
Gasoline Range Organics (ug/L)												
Gasoline Range Organics	610 (100) [1]	36.0 JB (100) [1]		30.0 JB (100) [1]	68.0 J (100) [1]							
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	0.00330 KJB (0.0220) [1]	ND (0.0400) [1]		ND (0.0427) [1]	ND (0.0427) [1]							
1,1,1-Trichloroethane	0.117 KJB (0.150) [1]	ND (0.0920) [1]		0.00160 KJB (0.0924) [1]	ND (0.0924) [1]							
1,1,2,2-Tetrachloroethane	ND (0.100) [1]	ND (0.100) [1]		ND (0.104) [1]	ND (0.104) [1]							
1,1,2-Trichloroethane	0.0243 KJ (0.100) [1]	ND (0.100) [1]		ND (0.102) [1]	ND (0.102) [1]							
1,1-Dichloroethane	ND (0.0480) [1]	ND (0.0480) [1]		ND (0.0481) [1]	ND (0.0481) [1]							
1,1-Dichloroethene	ND (0.100) [1]	0.00470 JB (0.100) [1]		ND (0.0962) [1]	ND (0.0962) [1]							
1,2,3-Trichloropropane	ND (0.120) [1]	ND (0.120) [1]		ND (0.115) [1]	ND (0.115) [1]							
1,2-Dichlorobenzene	ND (0.170) [1]	ND (0.170) [1]		ND (0.167) [1]	ND (0.167) [1]							
1,2-Dichloroethane	0.00220 PJ (0.0820) [1]	ND (0.0540) [1]		ND (0.0541) [1]	0.0727 (0.0541) [1]							
1,2-Dichloropropane	ND (0.0750) [1]	ND (0.0750) [1]		ND (0.0751) [1]	ND (0.0751) [1]							
1,3-Dichlorobenzene	ND (0.150) [1]	ND (0.150) [1]		ND (0.151) [1]	ND (0.151) [1]							
1,4-Dichlorobenzene	ND (0.190) [1]	ND (0.190) [1]		ND (0.195) [1]	ND (0.195) [1]							
1-Chlorohexane	ND (0.120) [1]	ND (0.120) [1]		ND (0.120) [1]	ND (0.120) [1]							
2-Chloroethyl vinyl ether	ND (0.170) [1]	ND (0.170) [1]		0.0693 KJ (0.167) [1]	ND (0.167) [1]							
Bromobenzene	ND (0.530) [1]	ND (0.530) [1]		ND (0.525) [1]	ND (0.525) [1]							
Bromodichloromethane	ND (0.0680) [1]	ND (0.0680) [1]		ND (0.0682) [1]	ND (0.0682) [1]							
Bromomethane	ND (0.0560) [1]	ND (0.0560) [1]		ND (0.0562) [1]	ND (0.0562) [1]							
Carbon tetrachloride	ND (0.110) [1]	ND (0.110) [1]		ND (0.107) [1]	ND (0.107) [1]							
Chlorobenzene	ND (0.140) [1]	ND (0.140) [1]		ND (0.138) [1]	ND (0.138) [1]							

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	001			001			001			001			
	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT	
SW8010 - Halogenated Volatile Organics, cont. (ug/L)													
Chloroethane	ND	(	0.110)	[1]	ND	(	0.110)	[1]	ND	(	0.113)	[1]
Chloroform	ND	(	0.0850)	[1]	ND	(	0.0850)	[1]	ND	(	0.0845)	[1]
Chloromethane	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.153)	[1]
Dibromochloromethane	ND	(	0.170)	[1]	ND	(	0.170)	[1]	ND	(	0.174)	[1]
Dibromomethane	ND	(	0.140)	[1]	ND	(	0.140)	[1]	ND	(	0.138)	[1]
Methylene chloride	ND	(0.220)	[1]	0.000900	JB	(0.220)	[1]	0.0795	JB	(0.220)
Tetrachloroethene	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.0381)	[1]
Tribromomethane(Bromoform)	ND	(	0.140)	[1]	ND	(	0.140)	[1]	ND	(	0.141)	[1]
Trichloroethene	0.00430	KJB	(0.110)	[1]	ND	(0.110)	[1]	0.00370	PJB	(0.0387)
Trichlorofluoromethane	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(	0.0751)	[1]
Vinyl chloride	ND	(	0.200)	[1]	ND	(	0.200)	[1]	ND	(	0.205)	[1]
cis-1,3-Dichloropropene	ND	(	0.0740)	[1]	ND	(	0.0740)	[1]	ND	(	0.0745)	[1]
trans-1,2-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.100)	[1]	0.00420	KJ	(	0.160)
trans-1,3-Dichloropropene	ND	(	0.0570)	[1]	ND	(	0.0570)	[1]	ND	(	0.0566)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)													
2-Butanone(MEK)	ND	(	2.40)	[1]	ND	(	2.40)	[1]	ND	(	2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(	1.50)	[1]	ND	(	1.50)	[1]	ND	(	1.46)	[1]
Ethanol	ND	(	0.300)	[1]	ND	(	0.300)	[1]	ND	(	0.301)	[1]
Ethyl ether	ND	(	1.20)	[1]	ND	(	1.20)	[1]	ND	(	1.16)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)													
1,2-Dichlorobenzene	0.102	B	(	0.0710)	[1]	0.238	(	0.0710)	[1]	ND	(	0.136)
1,3-Dichlorobenzene	0.173	(	0.0990)	[1]	0.0614	JB	(	0.0990)	[1]	ND	(	0.134)
1,4-Dichlorobenzene	0.0386	JB	(0.0950)	[1]	0.0819	J	(0.0950)	[1]	ND	(0.131)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	001		001		001		001		001			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	372	(0.700)	[10]	0.111 B	(0.0700)	[1]	ND	(0.0790)	[1]	29.4	(0.0790)	[1]
Chlorobenzene	0.143	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(0.116)	[1]	ND	(0.116)	[1]
Ethylbenzene	2.03	(0.0680)	[1]	0.0537 JB	(0.0680)	[1]	ND	(0.121)	[1]	ND	(0.121)	[1]
Toluene	1.09 B	(0.0480)	[1]	0.138 B	(0.0480)	[1]	ND	(0.112)	[1]	0.0900 JB	(0.112)	[1]
Xylene (total)	1.10 B	(0.0850)	[1]	0.167 B	(0.0850)	[1]	ND	(0.130)	[1]	0.0446 KJB	(0.0528)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00598)	[1]	ND	(0.00433)	[1]	NA			NA		
4,4'-DDE	ND	(0.00629)	[1]	ND	(0.00629)	[1]	NA			NA		
4,4'-DDT	ND	(0.00680)	[1]	ND	(0.00680)	[1]	NA			NA		
Aldrin	ND	(0.00546)	[1]	ND	(0.00897)	[1]	NA			NA		
Chlordane	ND	(0.00959)	[1]	ND	(0.00959)	[1]	NA			NA		
Dieldrin	ND	(0.00443)	[1]	ND	(0.00443)	[1]	NA			NA		
Endosulfan I	ND	(0.00320)	[1]	ND	(0.00320)	[1]	NA			NA		
Endosulfan II	ND	(0.00701)	[1]	ND	(0.00701)	[1]	NA			NA		
Endosulfan Sulfate	ND	(0.0134)	[1]	ND	(0.0134)	[1]	NA			NA		
Endrin	ND	(0.0113)	[1]	ND	(0.0113)	[1]	NA			NA		
Endrin Aldehyde	0.00380 J	(0.00598)	[1]	ND	(0.00598)	[1]	NA			NA		
Heptachlor	ND	(0.00227)	[1]	ND	(0.00278)	[1]	NA			NA		
Heptachlor epoxide	ND	(0.00340)	[1]	ND	(0.00340)	[1]	NA			NA		
Methoxychlor	ND	(0.0412)	[1]	ND	(0.0412)	[1]	NA			NA		
PCB-1016	ND	(0.0567)	[1]	ND	(0.0567)	[1]	NA			NA		
PCB-1221	ND	(0.0763)	[1]	ND	(0.0763)	[1]	NA			NA		
PCB-1232	ND	(0.134)	[1]	ND	(0.134)	[1]	NA			NA		
PCB-1242	ND	(0.0536)	[1]	ND	(0.0536)	[1]	NA			NA		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.0289)	ND (0.0289)	NA	NA
PCB-1254	ND (0.0412)	ND (0.0412)	NA	NA
PCB-1260	ND (0.0546)	ND (0.0546)	NA	NA
Toxaphene	ND (0.0351)	ND (0.0351)	NA	NA
alpha-BHC	0.0109 B (0.00206)	ND (0.00206)	NA	NA
beta-BHC	ND (0.00680)	ND (0.00680)	NA	NA
delta-BHC	0.0131 B (0.00371)	ND (0.00258)	NA	NA
gamma-BHC(Lindane)	0.0144 (0.00330)	ND (0.00330)	NA	NA
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	0.219 JB (1.20)	0.00540 JB (1.20)	NA	NA
Acenaphthylene	ND (1.64)	ND (1.64)	NA	NA
Anthracene	ND (0.280)	ND (0.280)	NA	NA
Benzo(a)anthracene	ND (0.00560)	ND (0.00560)	NA	NA
Benzo(a)pyrene	ND (0.00720)	ND (0.00720)	NA	NA
Benzo(b)fluoranthene	ND (0.0220)	ND (0.0220)	NA	NA
Benzo(g,h,i)perylene	ND (0.0560)	ND (0.0560)	NA	NA
Benzo(k)fluoranthene	ND (0.00320)	ND (0.00320)	NA	NA
Chrysene	ND (0.0980)	ND (0.0980)	NA	NA
Dibenz(a,h)anthracene	ND (0.0170)	ND (0.0170)	NA	NA
Fluoranthene	ND (0.100)	ND (0.100)	NA	NA
Fluorene	ND (0.160)	ND (0.160)	NA	NA
Indeno(1,2,3-cd)pyrene	0.0403 B (0.00740)	0.0409 B (0.00740)	NA	NA
Naphthalene	ND (1.10)	ND (1.10)	NA	NA
Phenanthrene	ND (0.320)	ND (0.320)	NA	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	001	001	001	001	001	001
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/L)						
Pyrene	ND (0.106) [2]	ND (0.106) [2]	NA	NA	01-MW-07-01	01-MW-08-01

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		007		007	
	02-GW-03 02-GW-03-03R Dup of 02-GW-03-03	02-GW-03 02-GW-03-DS-03 Dup of 02-GW-03-03R	03-GW-01 03-GW-01-03	03-GW-02 03-GW-02-03	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics (ug/L)						
1,1,1,2-Tetrachloroethane	0.00220 JB (0.0400)	ND (0.0400)	NA	NA	NA	NA
1,1,1-Trichloroethane	0.0122 JB (0.0920)	ND (0.0920)	NA	NA	NA	NA
1,1,2,2-Tetrachloroethane	ND (0.100)	ND (0.100)	NA	NA	NA	NA
1,1,2-Trichloroethane	ND (0.100)	ND (0.100)	NA	NA	NA	NA
1,1-Dichloroethane	ND (0.0480)	ND (0.0480)	NA	NA	NA	NA
1,1-Dichloroethene	ND (0.100)	ND (0.100)	NA	NA	NA	NA
1,2,3-Trichloropropane	ND (0.120)	ND (0.120)	NA	NA	NA	NA
1,2-Dichlorobenzene	ND (0.170)	ND (0.170)	NA	NA	NA	NA
1,2-Dichloroethane	ND (0.0540)	ND (0.0540)	NA	NA	NA	NA
1,2-Dichloropropane	ND (0.0750)	ND (0.0750)	NA	NA	NA	NA
1,3-Dichlorobenzene	ND (0.150)	ND (0.150)	NA	NA	NA	NA
1,4-Dichlorobenzene	ND (0.190)	ND (0.190)	NA	NA	NA	NA
1-Chlorohexane	ND (0.120)	ND (0.120)	NA	NA	NA	NA
2-Chloroethyl vinyl ether	ND (0.170)	ND (0.170)	NA	NA	NA	NA
Bromobenzene	ND (0.530)	ND (0.530)	NA	NA	NA	NA
Bromodichloromethane	ND (0.0680)	ND (0.0680)	NA	NA	NA	NA
Bromomethane	ND (0.0560)	ND (0.0560)	NA	NA	NA	NA
Carbon tetrachloride	ND (0.110)	ND (0.110)	NA	NA	NA	NA
Chlorobenzene	ND (0.140)	ND (0.140)	NA	NA	NA	NA
Chloroethane	ND (0.110)	ND (0.110)	NA	NA	NA	NA
Chloroform	ND (0.0850)	ND (0.0850)	NA	NA	NA	NA
Chloromethane	ND (0.150)	ND (0.150)	NA	NA	NA	NA
Dibromochloromethane	ND (0.170)	ND (0.170)	NA	NA	NA	NA
Dibromomethane	ND (0.140)	ND (0.140)	NA	NA	NA	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	008		007	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)	02-GW-03-03R Dup of 02-GW-03-03	02-GW-03-DS-03 Dup of 02-GW-03-03R	02-GW-03-03	03-GW-01-03
Methylene chloride	ND (0.220) [1]	ND (0.220) [1]	NA	NA
Tetrachloroethene	ND (0.100) [1]	ND (0.100) [1]	NA	NA
Tribromomethane(Bromoform)	ND (0.140) [1]	ND (0.140) [1]	NA	NA
Trichloroethene	ND (0.110) [1]	ND (0.110) [1]	NA	NA
Trichlorofluoromethane	0.00410 JB (0.0750) [1]	ND (0.0750) [1]	NA	NA
Vinyl chloride	ND (0.200) [1]	ND (0.200) [1]	NA	NA
cis-1,3-Dichloropropene	ND (0.0740) [1]	ND (0.0740) [1]	NA	NA
trans-1,2-Dichloroethene	ND (0.100) [1]	ND (0.100) [1]	NA	NA
trans-1,3-Dichloropropene	ND (0.0570) [1]	ND (0.0570) [1]	NA	NA
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	ND (2.40) [1]	ND (2.40) [1]	NA	NA
4-Methyl-2-pentanone(MIBK)	ND (1.50) [1]	ND (1.50) [1]	NA	NA
Ethanol	ND (0.300) [1]	ND (0.300) [1]	NA	NA
Ethyl ether	ND (1.20) [1]	ND (1.20) [1]	NA	NA
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	0.336 (0.0710) [1]	ND (0.0710) [1]	NA	NA
1,3-Dichlorobenzene	0.133 (0.0990) [1]	ND (0.0990) [1]	NA	NA
1,4-Dichlorobenzene	0.137 (0.0950) [1]	ND (0.0950) [1]	NA	NA
Benzene	0.102 B (0.0700) [1]	0.0585 JB (0.0700) [1]	NA	NA
Chlorobenzene	ND (0.0450) [1]	ND (0.0450) [1]	NA	NA
Ethylbenzene	0.0437 JB (0.0680) [1]	ND (0.0680) [1]	NA	NA
Toluene	0.116 B (0.0480) [1]	0.104 B (0.0480) [1]	NA	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		007		007	
	02-GW-03 02-GW-03-03R Dup of 02-GW-03-03R	02-GW-03 02-GW-03-DS-03 Dup of 02-GW-03-03R	03-GW-01 03-GW-01-03	03-GW-02 03-GW-02-03	NA	NA
SW8020 - Aromatic Volatile Organics, cont.						
Xylene (total)	0.157 B (0.0850) [1]	0.110 B (0.0850) [1]	NA	NA	NA	NA
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	NA	NA	NA	(0.592) [100]	ND	(0.0235) [1]
4,4'-DDE	NA	NA	NA	(0.621) [100]	ND	(0.00480) [1]
4,4'-DDT	NA	NA	NA	(0.666) [100]	ND	(0.00627) [1]
Aldrin	NA	0.175 KJ	NA	(0.880) [100]	ND	(0.00235) [1]
Chlordane	NA	NA	ND	(0.945) [100]	ND	(0.0294) [1]
Dieldrin	NA	NA	ND	(0.645) [100]	ND	(0.00549) [1]
Endosulfan I	NA	NA	ND	(0.312) [100]	ND	(0.00470) [1]
Endosulfan II	NA	NA	ND	(0.689) [100]	ND	(0.0176) [1]
Endosulfan Sulfate	NA	NA	ND	(1.35) [100]	ND	(0.0137) [1]
Endrin	NA	NA	ND	(1.11) [100]	0.00390 JB	(0.0167) [1]
Endrin Aldehyde	NA	NA	ND	(0.590) [100]	ND	(0.0108) [1]
Heptachlor	NA	NA	ND	(0.275) [100]	ND	(0.00284) [1]
Heptachlor epoxide	NA	NA	ND	(0.336) [100]	0.0655	(0.00324) [1]
Methoxychlor	NA	NA	ND	(4.08) [100]	ND	(0.0382) [1]
PCB-1016	NA	NA	ND	(5.58) [100]	ND	(0.0451) [1]
PCB-1221	NA	NA	ND	(7.46) [100]	ND	(0.0471) [1]
PCB-1232	NA	NA	ND	(12.9) [100]	ND	(0.0696) [1]
PCB-1242	NA	NA	ND	(5.26) [100]	ND	(0.0549) [1]
PCB-1248	NA	NA	ND	(2.80) [100]	ND	(0.0529) [1]
PCB-1254	NA	NA	ND	(4.03) [100]	ND	(0.0725) [1]
PCB-1260	NA	NA	ND	(5.34) [100]	ND	(0.0500) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
Toxaphene	008 02-GW-03 02-GW-03-03R Dup of 02-GW-03-03	007 03-GW-01 03-GW-01-03 Dup of 02-GW-03-03R	007 03-GW-02 03-GW-02-03	
alpha-BHC	NA	ND	ND	(0.0980) [1]
beta-BHC	NA	ND	ND	(0.00137) [1]
delta-BHC	NA	ND	ND	(0.0461) [1]
gamma-BHC(Lindane)	NA	ND	ND	(0.00176) [1]
NA	NA	ND	ND	(0.00225) [1]
SW8240 - Volatile Organics (ug/L)				
1,1,1-Trichloroethane	ND (0.700) [1]	NA (0.700) [1]	NA	NA
1,1,2,2-Tetrachloroethane	ND (2.20) [1]	ND (2.20) [1]	NA	NA
1,1,2-Trichloroethane	ND (1.20) [1]	ND (1.20) [1]	NA	NA
1,1-Dichloroethane	ND (1.60) [1]	ND (1.60) [1]	NA	NA
1,1-Dichloroethene	ND (1.60) [1]	ND (1.60) [1]	NA	NA
1,2,3-Trichloropropane	ND (1.40) [1]	ND (1.40) [1]	NA	NA
1,2-Dichloroethane	ND (1.30) [1]	ND (1.30) [1]	NA	NA
1,2-Dichloropropane	ND (0.600) [1]	ND (0.600) [1]	NA	NA
2-Butanone(MEK)	ND (5.80) [1]	ND (5.80) [1]	NA	NA
2-Chloroethyl vinyl ether	ND (8.10) [1]	ND (8.10) [1]	NA	NA
2-Hexanone	ND (4.50) [1]	ND (4.50) [1]	NA	NA
4-Methyl-2-pentanone(MIBK)	ND (2.30) [1]	ND (2.30) [1]	NA	NA
Acetone	ND (29.0) [1]	ND (29.0) [1]	NA	NA
Benzene	ND (0.700) [1]	ND (0.700) [1]	NA	NA
Bromodichloromethane	ND (0.700) [1]	ND (0.700) [1]	NA	NA
Bromomethane	ND (3.10) [1]	ND (3.10) [1]	NA	NA
Carbon disulfide	ND (4.30) [1]	ND (4.30) [1]	NA	NA

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				
	LOCATION ID		SAMPLE ID		
	008	007	007	007	
SW8240 - Volatile Organics, cont. (ug/L)					
Carbon tetrachloride	ND	(1.80)	(1.80)	[1]	NA
Chlorobenzene	ND	(1.10)	(1.10)	[1]	NA
Chloroethane	ND	(1.40)	(1.40)	[1]	NA
Chloroform	ND	(1.00)	(1.00)	[1]	NA
Chloromethane	ND	(1.90)	(1.90)	[1]	NA
Dibromochloromethane	ND	(0.900)	(0.900)	[1]	NA
Dibromomethane	ND	(1.50)	(1.50)	[1]	NA
Diphenylamine/N-NitrosobPPA	NA				NA
Ethyl methacrylate	ND	(8.30)	(8.30)	[1]	NA
Ethylbenzene	ND	(0.800)	(0.800)	[1]	NA
Iodomethane	ND	(2.20)	(2.20)	[1]	NA
Methylene chloride	ND	(4.80)	(4.80)	[1]	NA
Styrene	ND	(0.700)	(0.700)	[1]	NA
Tetrachloroethene	ND	(1.80)	(1.80)	[1]	NA
Toluene	ND	(0.900)	(0.900)	[1]	NA
Tribromomethane(Bromoform)	ND	(1.20)	(1.20)	[1]	NA
Trichloroethene	ND	(1.20)	(1.20)	[1]	NA
Trichlorofluoromethane	ND	(2.20)	(2.20)	[1]	NA
Vinyl acetate	ND	(3.20)	(3.20)	[1]	NA
Vinyl chloride	ND	(1.50)	(1.50)	[1]	NA
Xylene (total)	ND	(1.50)	(1.50)	[1]	NA
cis-1,3-Dichloropropene	ND	(0.400)	(0.400)	[1]	NA
trans-1,2-Dichloroethene	ND	(1.60)	(1.60)	[1]	NA
trans-1,3-Dichloropropene	ND	(0.300)	(0.300)	[1]	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		DUP OF	DILUTION FACTOR	DETECTION LIMIT	DILUTION FACTOR	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	QC REPORT
	LOCATION ID	SAMPLE ID								
SW8240 - Volatile Organics, cont. (ug/L)	02-GW-03	008	02-GW-03-DS-03	[1]	ND	(	2.60	[1]	NA	NA
	02-GW-03-03R Dup of 02-GW-03-03	02-GW-03-03R								
trans-1,4-Dichloro-2-butene	02-GW-03	007	03-GW-01							
	02-GW-03-03R Dup of 02-GW-03-03	03-GW-01-03								

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		JB	[1]
	LOCATION ID	SAMPLE ID		
Diesel Range Organics (ug/L)	NA	007	31.0	[1]
Diesel Range Organics	NA	007		
Gasoline Range Organics (ug/L)	NA	007	35.0	[1]
Gasoline Range Organics	NA	007		
SW8010 - Halogenated Volatile Organics (ug/L)	NA	007		
1,1,1,2-Tetrachloroethane	NA	03-GW-02		
1,1,1-Trichloroethane	NA	03-GW-03		
1,1,2,2-Tetrachloroethane	NA	03-GW-03-03		
1,1,2-Trichloroethane	NA	03-GW-02-DS-03 Dup of		
1,1-Dichloroethane	NA	03-GW-02-03		
1,1-Dichloroethane	NA	03-GW-02-03		
1,2,3-Trichloropropane	NA	03-GW-02		
1,2-Dichlorobenzene	NA	03-GW-02		
1,2-Dichloroethane	NA	03-GW-02		
1,2-Dichloropropane	NA	03-GW-02		
1,3-Dichlorobenzene	NA	03-GW-02		
1,4-Dichlorobenzene	NA	03-GW-02		
1-Chlorohexane	NA	03-GW-02		
2-Chloroethyl vinyl ether	NA	03-GW-02		
Bromobenzene	NA	03-GW-02		
Bromodichloromethane	NA	03-GW-02		
Bromomethane	NA	03-GW-02		
Carbon tetrachloride	NA	03-GW-02		
	NA	007		
	NA	03-GW-04-03		
	NA	04-MW-02		
	NA	04-MW-02-03		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	007	007	007	04
	03-GW-02	03-GW-04	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			

SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chlorobenzene	NA	NA	NA	ND (0.140) [1]
Chloroethane	NA	NA	NA	ND (0.110) [1]
Chloroform	NA	NA	NA	ND (0.0850) [1]
Chloromethane	NA	NA	NA	ND (0.150) [1]
Dibromochloromethane	NA	NA	NA	ND (0.170) [1]
Dibromomethane	NA	NA	NA	ND (0.140) [1]
Methylene chloride	NA	NA	NA	ND (0.220) [1]
Tetrachloroethene	NA	NA	NA	ND (0.100) [1]
Tribromomethane(Bromoform)	NA	NA	NA	ND (0.140) [1]
Trichloroethene	NA	NA	NA	ND (0.110) [1]
Trichlorofluoromethane	NA	NA	NA	ND (0.0750) [1]
Vinyl chloride	NA	NA	NA	ND (0.200) [1]
cis-1,3-Dichloropropene	NA	NA	NA	ND (0.0740) [1]
trans-1,2-Dichloroethene	NA	NA	NA	ND (0.100) [1]
trans-1,3-Dichloropropene	NA	NA	NA	ND (0.0570) [1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	NA	NA	NA	ND (2.40) [1]
4-Methyl-2-pentanone(MIBK)	NA	NA	NA	ND (1.50) [1]
Ethanol	NA	NA	NA	ND (0.300) [1]
Ethyl ether	NA	NA	NA	ND (1.20) [1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	NA	NA	NA	ND (0.140) [1]

Compiled: 16 March 1995

[] = Detection Limit

() = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		CONCENTRATION (ug/L)	UNIT	STATUS	DILUTION FACTOR	DETECTION LIMIT	APPLICABILITY	REMARKS
	LOCATION ID	SAMPLE ID							
SW8020 - Aromatic Volatile Organics, cont.									
1,3-Dichlorobenzene	NA	NA	NA	(	ND	[1]	(	0.00706	[1]
1,4-Dichlorobenzene	NA	NA	NA	(	ND	[1]	(	0.00343	[1]
Benzene	NA	NA	NA	(	ND	[1]	(	0.00686	[1]
Chlorobenzene	NA	NA	NA	(	ND	[1]	(	0.00402	[1]
Ethylbenzene	NA	NA	NA	(	ND	[1]	(	0.0294	[1]
Toluene	NA	NA	NA	(	ND	[1]	(	0.00461	[1]
Xylene (total)	NA	NA	NA	(	ND	[1]	(	0.00470	[1]
SW8080 - Organochlorine Pesticides and PCBs									
4,4'-DDD	ND	ND	ND	(	0.0235	[1]	(	0.00706	[1]
4,4'-DDE	ND	ND	ND	(	0.00480	[1]	(	0.00343	[1]
4,4'-DDT	ND	ND	ND	(	0.00686	[1]	(	0.00686	[1]
Aldrin	ND	ND	ND	(	0.00235	[1]	(	0.00402	[1]
Chlordane	ND	ND	ND	(	0.0294	[1]	(	0.0294	[1]
Dieldrin	ND	ND	ND	(	0.00549	[1]	(	0.00461	[1]
Endosulfan I	ND	ND	ND	(	0.00470	[1]	(	0.00470	[1]
Endosulfan II	ND	ND	ND	(	0.0176	[1]	(	0.0176	[1]
Endosulfan Sulfate	ND	ND	ND	(	0.0137	[1]	(	0.0137	[1]
Endrin	ND	ND	ND	(	0.0167	[1]	(	0.00931	[1]
Endrin Aldehyde	ND	ND	ND	(	0.00892	[1]	(	0.0108	[1]
Heptachlor	ND	ND	ND	(	0.00284	[1]	(	0.00255	[1]
Heptachlor epoxide	ND	ND	ND	(	0.00324	[1]	(	0.00324	[1]
Methoxychlor	ND	ND	ND	(	0.0382	[1]	(	0.0382	[1]
PCB-1016	ND	ND	ND	(	0.0451	[1]	(	0.0451	[1]
03-GW-02-DS-03 Dup of 03-GW-02-03 03-GW-02-03 03-GW-03-03 03-GW-03-03 03-GW-04-03 03-GW-04-03 04-MW-02-02 04-MW-02-03									
4,4'-DDD	ND	ND	ND	(	0.00926	[1]	(	0.00926	[1]
4,4'-DDE	0.0101	B	(	0.00532	[1]	(	0.00532	[1]	
4,4'-DDT	0.0163	B	(	0.00985	[1]	(	0.00985	[1]	
Aldrin	ND	ND	(	0.00916	[1]	(	0.00916	[1]	
Chlordane	ND	ND	(	0.0296	[1]	(	0.0296	[1]	
Dieldrin	ND	ND	(	0.00788	[1]	(	0.00788	[1]	
Endosulfan I	ND	ND	(	0.00611	[1]	(	0.00611	[1]	
Endosulfan II	ND	ND	(	0.00493	[1]	(	0.00493	[1]	
Endosulfan Sulfate	0.0147	P	(	0.0138	[1]	(	0.0138	[1]	
Endrin	ND	ND	(	0.0118	[1]	(	0.0118	[1]	
Endrin Aldehyde	ND	ND	(	0.00650	[1]	(	0.00650	[1]	
Heptachlor	ND	ND	(	0.0325	[1]	(	0.0325	[1]	
Heptachlor epoxide	0.00430	PJB	(	0.0246	[1]	(	0.0246	[1]	
Methoxychlor	ND	ND	(	0.0483	[1]	(	0.0483	[1]	
PCB-1016	ND	ND	(	0.0985	[1]	(	0.0985	[1]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	007			007			007			04		
	03-GW-02	03-GW-03	03-GW-02-03	03-GW-02	03-GW-03	03-GW-02-03	03-GW-04	03-GW-03	03-GW-04-03	04-MW-02	04-MW-02-03	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1221	ND	(0.0471)	[1]	ND	(0.0471)	[1]	ND	(0.0480)	[1]	ND	(0.187)	[1]
PCB-1232	ND	(0.0696)	[1]	ND	(0.0696)	[1]	ND	(0.0710)	[1]	ND	(0.0552)	[1]
PCB-1242	ND	(0.0549)	[1]	ND	(0.0549)	[1]	ND	(0.0560)	[1]	ND	(0.0571)	[1]
PCB-1248	ND	(0.0529)	[1]	ND	(0.0529)	[1]	ND	(0.0540)	[1]	ND	(0.148)	[1]
PCB-1254	ND	(0.0725)	[1]	ND	(0.0725)	[1]	ND	(0.0740)	[1]	ND	(0.0778)	[1]
PCB-1260	ND	(0.0500)	[1]	ND	(0.0500)	[1]	ND	(0.0510)	[1]	ND	(0.0443)	[1]
Toxaphene	ND	(0.0980)	[1]	ND	(0.0980)	[1]	ND	(0.100)	[1]	ND	(0.00985)	[1]
alpha-BHC	ND	(0.00196)	[1]	0.0108 B	(0.00196)	[1]	ND	(0.00200)	[1]	ND	(0.00345)	[1]
beta-BHC	ND	(0.0461)	[1]	ND	(0.0461)	[1]	ND	(0.0470)	[1]	0.00120 PU	(0.00916)	[1]
delta-BHC	ND	(0.00176)	[1]	0.0196 B	(0.00176)	[1]	ND	(0.00180)	[1]	ND	(0.00256)	[1]
gamma-BHC(Lindane)	ND	(0.00225)	[1]	ND	(0.00225)	[1]	0.0178	(0.00230)	[1]	ND	(0.00453)	[1]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	NA			NA			NA			NA	(0.590)	[1]
1,2-Dichlorobenzene	NA			NA			NA			NA	(0.640)	[1]
1,3-Dichlorobenzene	NA			NA			NA			NA	(0.720)	[1]
1,4-Dichlorobenzene	NA			NA			NA			NA	(0.590)	[1]
2,4,5-Trichloropheno	NA			NA			NA			NA	(0.510)	[1]
2,4,6-Trichloropheno	NA			NA			NA			NA	(0.500)	[1]
2,4-Dichloropheno	NA			NA			NA			NA	(0.570)	[1]
2,4-Dimethylpheno	NA			NA			NA			NA	(1.30)	[1]
2,4-Dinitrophenol	NA			NA			NA			NA	(4.20)	[1]
2,4-Dinitrotoluene	NA			NA			NA			NA	(0.590)	[1]
2,6-Dinitrotoluene	NA			NA			NA			NA	(0.860)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			

SW8270 - Semivolatile Organics, cont. (ug/L)				
2-Chloronaphthalene	NA	NA	NA	(0.390) [1]
2-Chlorophenol	NA	NA	NA	(0.640) [1]
2-Methylnaphthalene	NA	NA	NA	(0.360) [1]
2-Methylpheno] (o-cresol)	NA	NA	NA	(0.310) [1]
2-Nitroaniline	NA	NA	NA	(0.660) [1]
2-Nitrophenol	NA	NA	NA	(0.520) [1]
3,3'-Dichlorobenzidine	NA	NA	NA	(0.330) [1]
3-Nitroaniline	NA	NA	NA	(0.390) [1]
4,6-Dinitro-2-methylphenol	NA	NA	NA	(0.430) [1]
4-Bromophenyl phenyl ether	NA	NA	NA	(0.490) [1]
4-Chloro-3-methylpheno]	NA	NA	NA	(0.520) [1]
4-Chloroaniline	NA	NA	NA	(0.740) [1]
4-Chlorophenyl phenyl ether	NA	NA	NA	(0.420) [1]
4-Methylphenol(p-cresol)	NA	NA	NA	(0.460) [1]
4-Nitroaniline	NA	NA	NA	(0.610) [1]
4-Nitrophenol	NA	NA	NA	(0.940) [1]
Acenaphthene	NA	NA	NA	(0.270) [1]
Acenaphthylene	NA	NA	NA	(0.420) [1]
Anthracene	NA	NA	NA	(0.370) [1]
Benzo(a)anthracene	NA	NA	NA	(0.450) [1]
Benzo(a)pyrene	NA	NA	NA	(0.520) [1]
Benzo(b)fluoranthene	NA	NA	NA	(0.910) [1]
Benzo(g,h,i)perylene	NA	NA	NA	(1.00) [1]
Benzo(k)fluoranthene	NA	NA	NA	(1.00) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	007	007	007	04
	03-GW-02	03-GW-03	03-GW-04-03	04-MW-02
	03-GW-02-DS-03 Dup of	03-GW-03-03	03-GW-04-03	04-MW-02-03
	03-GW-02-03			
		007	007	04
		03-GW-03	03-GW-04-03	04-MW-02
		03-GW-03-03	03-GW-04-03	04-MW-02-03
SITE ID				
LOCATION ID				
SAMPLE ID				
SW8270 - Semi-volatile Organics, cont. (ug/L)				
Benzoic acid	NA	NA	NA	ND (39.0) [1]
Benzyl alcohol	NA	NA	NA	ND (0.610) [1]
Butylbenzylphthalate	NA	NA	NA	ND (0.620) [1]
Chrysene	NA	NA	NA	ND (0.540) [1]
Di-n-butylphthalate	NA	NA	NA	ND (0.320) [1]
Di-n-octylphthalate	NA	NA	NA	ND (0.350) [1]
Dibenz(a,h)anthracene	NA	NA	NA	ND (0.810) [1]
Dibenzofuran	NA	NA	NA	ND (0.540) [1]
Diethylphthalate	NA	NA	NA	ND (0.520) [1]
Dimethylphthalate	NA	NA	NA	ND (0.340) [1]
Fluoranthene	NA	NA	NA	ND (0.470) [1]
Fluorene	NA	NA	NA	ND (0.380) [1]
Hexachlorobenzene	NA	NA	NA	ND (0.310) [1]
Hexachlorobutadiene	NA	NA	NA	ND (0.510) [1]
Hexachlorocyclopentadiene	NA	NA	NA	ND (5.90) [1]
Hexachloroethane	NA	NA	NA	ND (0.630) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	ND (1.30) [1]
Isophorone	NA	NA	NA	ND (0.620) [1]
N-Nitroso-di-n-propylamine	NA	NA	NA	ND (0.650) [1]
N-Nitrosodiphenylamine	NA	NA	NA	ND (0.270) [1]
Naphthalene	NA	NA	NA	ND (0.480) [1]
Nitrobenzene	NA	NA	NA	ND (0.840) [1]
Pentachloropheno]	NA	NA	NA	ND (0.890) [1]
Phenanthrene	NA	NA	NA	ND (0.470) [1]

Compiled: 16 March 1995

[] = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)				
Pheno1	03-GW-02-DS-03 Dup of	03-GW-03	03-GW-04-03	04-MW-02
Pyrene	03-GW-02-03	03-GW-03-03	03-GW-04-03	04-MW-02-03
bis(2-Chloroethoxy)methane				
bis(2-Chloroethyl) ether				
bis(2-Chloroisopropyl) ether				
bis(2-Ethylhexyl) phthalate				
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	NA	NA	NA	ND (0.880) [1]
Acenaphthylene	NA	NA	NA	ND (0.410) [1]
Anthracene	NA	NA	NA	ND (0.610) [1]
Benzo(a)anthracene	NA	NA	NA	ND (0.380) [1]
Benzo(a)pyrene	NA	NA	NA	ND (0.800) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.580) [1]
Benzo(g,h,i)perylene	NA	NA	NA	
Benzo(k)fluoranthene	NA	NA	NA	
Chrysene	NA	NA	NA	
Dibenz(a,h)anthracene	NA	NA	NA	
Fluoranthene	NA	NA	NA	
Fluorene	NA	NA	NA	
Indeno(1,2,3-cd)pyrene	NA	NA	NA	
Naphthalene	NA	NA	NA	
Phenanthrene	NA	NA	NA	
Pyrene	NA	NA	NA	
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)				
Acenaphthene	NA	NA	NA	0.0678 JB (0.625) [1]
Acenaphthylene	NA	NA	NA	ND (0.854) [1]
Anthracene	NA	NA	NA	ND (0.146) [1]
Benzo(a)anthracene	NA	NA	NA	0.00120 JB (0.00292) [1]
Benzo(a)pyrene	NA	NA	NA	ND (0.00375) [1]
Benzo(b)fluoranthene	NA	NA	NA	ND (0.0115) [1]
Benzo(g,h,i)perylene	NA	NA	NA	0.157 (0.0292) [1]
Benzo(k)fluoranthene	NA	NA	NA	0.00320 B (0.00167) [1]
Chrysene	NA	NA	NA	0.0117 J (0.0510) [1]
Dibenz(a,h)anthracene	NA	NA	NA	0.00120 JB (0.00885) [1]
Fluoranthene	NA	NA	NA	ND (0.0521) [1]
Fluorene	NA	NA	NA	ND (0.0833) [1]
Indeno(1,2,3-cd)pyrene	NA	NA	NA	0.111 B (0.00385) [1]
Naphthalene	NA	NA	NA	0.102 JB (0.573) [1]
Phenanthrene	NA	NA	NA	ND (0.167) [1]
Pyrene	NA	NA	NA	ND (0.0552) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Detected ND = Not Detected R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	LOCATION ID	SAMPLE ID
	007	03-GW-02	04-MW-02
		03-GW-02-DS-03 Dup of	04-MW-02-03
		03-GW-02-03	
	007	03-GW-03	
		03-GW-03-03	
	007	03-GW-04	
		03-GW-04-03	

PARAMETER

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	04		005		005		005		005							
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID						
Diesel Range Organics (ug/L)																
Diesel Range Organics	3.00 JB (	200)	[1]	11.0 JB (	200)	[1]	6.00 JB (	200)	[1]	110 J (	200)	[1]				
Gasoline Range Organics (ug/L)																
Gasoline Range Organics	61.0 J (	100)	[1]	690	(	100)	[1]	42.0 JB (	100)	[1]	11000	(	100)	[1]		
SW8010 - Halogenated Volatile Organics (ug/L)																
1,1,1,2-Tetrachloroethane	ND	(	0.0400)	[1]	ND	(	0.0220)	[1]	ND	(	0.0220)	[1]	ND	(	0.0400)	[1]
1,1,1-Trichloroethane	ND	(	0.0920)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	0.0372 JB	(	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.100)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]	0.220	(	0.100)	[1]
1,1,2-Trichloroethane	ND	(	0.100)	[1]	ND	(	0.0450)	[1]	ND	(	0.0450)	[1]	ND	(	0.100)	[1]
1,1-Dichloroethane	ND	(	0.0480)	[1]	ND	(	0.0220)	[1]	ND	(	0.0220)	[1]	0.00180 JB	(	0.0480)	[1]
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]	ND	(	0.100)	[1]
1,2,3-Trichloropropane	ND	(	0.120)	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]	ND	(	0.120)	[1]
1,2-Dichlorobenzene	ND	(	0.170)	[1]	ND	(	0.0950)	[1]	ND	(	0.0950)	[1]	0.00280 JB	(	0.170)	[1]
1,2-Dichloroethane	ND	(	0.0540)	[1]	3.17	(	0.0820)	[1]	ND	(	0.0820)	[1]	0.0148 J	(	0.0540)	[1]
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.0880)	[1]	ND	(	0.0880)	[1]	ND	(	0.150)	[1]
1,4-Dichlorobenzene	ND	(	0.190)	[1]	ND	(	0.0910)	[1]	ND	(	0.0910)	[1]	ND	(	0.190)	[1]
1-Chlorohexane	ND	(	0.120)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	0.0136 JB	(	0.120)	[1]
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]	ND	(	0.170)	[1]
Bromobenzene	ND	(	0.530)	[1]	ND	(	0.0450)	[1]	ND	(	0.0450)	[1]	ND	(	0.530)	[1]
Bromodichloromethane	ND	(	0.0680)	[1]	ND	(	0.0890)	[1]	ND	(	0.0890)	[1]	0.00270 J	(	0.0680)	[1]
Bromomethane	ND	(	0.0560)	[1]	ND	(	0.0860)	[1]	ND	(	0.0860)	[1]	ND	(	0.0560)	[1]
Carbon tetrachloride	ND	(	0.110)	[1]	ND	(	0.0850)	[1]	ND	(	0.0850)	[1]	ND	(	0.110)	[1]
Chlorobenzene	ND	(	0.140)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]	0.0217 JB	(	0.140)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04			005			005			005		
	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT	LOCATION ID	CONC	UNIT
SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chloroethane	ND	(	0.110)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]
Chloroform	ND	(	0.0850)	[1]	ND	(	0.0260)	[1]	ND	(	0.0260)	[1]
Chloromethane	ND	(	0.150)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
Dibromochloromethane	ND	(	0.170)	[1]	ND	(	0.0820)	[1]	ND	(	0.0820)	[1]
Dibromomethane	ND	(	0.140)	[1]	ND	(	0.0740)	[1]	ND	(	0.0740)	[1]
Methylene chloride	ND	(	0.220)	[1]	0.000900	PJB	(	0.220)	[1]	ND	(	0.220)
Tetrachloroethene	ND	(	0.100)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]
Tribromomethane(Bromoform)	ND	(	0.140)	[1]	0.120	PJB	(	0.140)	[1]	ND	(	0.0940)
Trichloroethene	0.0185	J	(	0.110)	[1]	ND	(	0.0730)	[1]	ND	(	0.0730)
Trichlorofluoromethane	ND	(	0.0750)	[1]	ND	(	0.0980)	[1]	ND	(	0.0980)	[1]
Vinyl chloride	ND	(	0.200)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]
cis-1,3-Dichloropropene	ND	(	0.0740)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]
trans-1,2-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.0870)	[1]	ND	(	0.0870)	[1]
trans-1,3-Dichloropropene	ND	(	0.0570)	[1]	ND	(	0.0720)	[1]	ND	(	0.0720)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	ND	(	2.40)	[1]	ND	(	2.40)	[1]	ND	(	2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(	1.50)	[1]	ND	(	1.50)	[1]	ND	(	1.50)	[1]
Ethanol	ND	(	0.300)	[1]	ND	(	0.300)	[1]	ND	(	0.300)	[1]
Ethyl ether	ND	(	1.20)	[1]	ND	(	1.20)	[1]	ND	(	1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(	0.140)	[1]	0.184	PB	(	0.0710)	[1]	ND	(	0.0710)
1,3-Dichlorobenzene	ND	(	0.130)	[1]	0.151		(	0.0990)	[1]	ND	(	0.0990)
1,4-Dichlorobenzene	ND	(	0.130)	[1]	ND	(	0.0950)	[1]	ND	(	0.0950)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04		005		005		005		005			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	0.0539	JB (0.0790)	[1]	256	(0.700)	[10]	ND	(0.0700)	[1]	2950	(17.5)	[250]
Chlorobenzene	ND	(0.120)	[1]	0.146	(0.0450)	[1]	ND	(0.0450)	[1]	ND	(11.2)	[250]
Ethylbenzene	0.0669	JB (0.120)	[1]	1.37	(0.0680)	[1]	ND	(0.0680)	[1]	117	(17.0)	[250]
Toluene	0.0807	JB (0.110)	[1]	0.271	PB (0.0480)	[1]	ND	(0.0480)	[1]	1530	(12.0)	[250]
Xylene (total)	0.257	B (0.130)	[1]	0.569	B (0.0850)	[1]	ND	(0.150)	[1]	368	(21.2)	[250]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00913)	[1]	ND	(0.0239)	[1]	ND	(0.0239)	[1]	ND	(0.0238)	[1]
4,4'-DDE	ND	(0.00524)	[1]	ND	(0.00348)	[1]	ND	(0.00488)	[1]	ND	(0.00485)	[1]
4,4'-DDT	ND	(0.00971)	[1]	ND	(0.00696)	[1]	ND	(0.00696)	[1]	ND	(0.00693)	[1]
Aldrin	0.00880	PJB (0.00903)	[1]	ND	(0.00408)	[1]	ND	(0.00239)	[1]	ND	(0.00406)	[1]
Chlordane	ND	(0.0291)	[1]	ND	(0.0298)	[1]	ND	(0.0298)	[1]	ND	(0.0297)	[1]
Dieldrin	0.0113	(0.00777)	[1]	0.00920	B (0.00557)	[1]	ND	(0.00557)	[1]	ND	(0.00465)	[1]
Endosulfan I	ND	(0.00602)	[1]	ND	(0.00478)	[1]	ND	(0.00478)	[1]	ND	(0.00475)	[1]
Endosulfan II	ND	(0.00524)	[1]	ND	(0.0179)	[1]	ND	(0.0179)	[1]	ND	(0.0178)	[1]
Endosulfan Sulfate	0.0106	JB (0.0136)	[1]	ND	(0.0129)	[1]	ND	(0.0129)	[1]	ND	(0.0139)	[1]
Endrin	ND	(0.0116)	[1]	0.00480	JB (0.0169)	[1]	ND	(0.0169)	[1]	ND	(0.0168)	[1]
Endrin Aldehyde	ND	(0.00641)	[1]	ND	(0.0109)	[1]	ND	(0.0109)	[1]	ND	(0.0109)	[1]
Heptachlor	0.00930	PJB (0.0320)	[1]	ND	(0.00259)	[1]	ND	(0.00288)	[1]	ND	(0.0109)	[1]
Heptachlor epoxide	0.0174	PJB (0.0243)	[1]	0.00200	JB (0.00328)	[1]	ND	(0.00328)	[1]	0.00870	B (0.00287)	[1]
Methoxychlor	ND	(0.0476)	[1]	ND	(0.0388)	[1]	ND	(0.0388)	[1]	0.00820	PB (0.00327)	[1]
PCB-1016	ND	(0.0971)	[1]	ND	(0.0458)	[1]	ND	(0.0458)	[1]	ND	(0.0386)	[1]
PCB-1221	ND	(0.184)	[1]	ND	(0.0478)	[1]	ND	(0.0478)	[1]	ND	(0.0455)	[1]
PCB-1232	ND	(0.0544)	[1]	ND	(0.0706)	[1]	ND	(0.0706)	[1]	ND	(0.0475)	[1]
PCB-1242	ND	(0.0563)	[1]	ND	(0.0557)	[1]	ND	(0.0557)	[1]	ND	(0.0703)	[1]
											(0.0554)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID													
	04			005			005			005				
	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT		
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)														
PCB-1248	ND	(	0.146)	[1]	ND	(	0.0537)	[1]	ND	(	0.0537)	[1]
PCB-1254	ND	(	0.0767)	[1]	ND	(	0.0736)	[1]	ND	(	0.0736)	[1]
PCB-1260	ND	(	0.0437)	[1]	ND	(	0.0507)	[1]	ND	(	0.0507)	[1]
Toxaphene	ND	(	0.00971)	[1]	ND	(	0.0995)	[1]	ND	(	0.0995)	[1]
alpha-BHC	ND	(	0.00388)	[1]	0.0173	(	0.00199)	[1]	ND	(	0.00199)	[1]
beta-BHC	ND	(0.00903)	[1]	0.0139	J	(0.0468)	[1]	ND	(0.0468)	[1]	
delta-BHC	0.0182	B	(0.00214)	[1]	0.0190	B	(0.00179)	[1]	ND	(0.00179)	[1]
gamma-BHC(Lindane)	ND	(	0.0126)	[1]	0.0140	(	0.00229)	[1]	ND	(	0.00229)	[1]
SW8270 - Semivolatile Organics (ug/L)														
1,2,4-Trichlorobenzene	ND	(	0.590)	[1]	ND	(	0.602)	[1]	ND	(	0.602)	[1]
1,2-Dichlorobenzene	ND	(	0.640)	[1]	ND	(	0.796)	[1]	ND	(	0.796)	[1]
1,3-Dichlorobenzene	ND	(	0.720)	[1]	ND	(	0.398)	[1]	ND	(	0.398)	[1]
1,4-Dichlorobenzene	ND	(	0.590)	[1]	ND	(	0.827)	[1]	ND	(	0.827)	[1]
2,4,5-Trichloropheno	ND	(	0.510)	[1]	ND	(	0.337)	[1]	ND	(	0.337)	[1]
2,4,6-Trichloropheno	ND	(	0.500)	[1]	ND	(	0.357)	[1]	ND	(	0.357)	[1]
2,4-Dichloropheno	ND	(	0.570)	[1]	ND	(	0.449)	[1]	ND	(	0.449)	[1]
2,4-Dimethylpheno	ND	(	1.30)	[1]	ND	(	1.12)	[1]	ND	(	1.12)	[1]
2,4-Dinitrophenol	ND	(	4.20)	[1]	ND	(	7.65)	[1]	4.91	(	1.32)	[1]
2,4-Dinitrotoluene	ND	(	0.590)	[1]	ND	(	0.561)	[1]	ND	(	7.65)	[1]
2,6-Dinitrotoluene	ND	(	0.860)	[1]	ND	(	0.357)	[1]	ND	(	0.561)	[1]
2-Chloronaphthalene	ND	(	0.390)	[1]	ND	(	0.327)	[1]	ND	(	0.357)	[1]
2-Chloropheno	ND	(	0.640)	[1]	ND	(	0.776)	[1]	ND	(	0.327)	[1]
2-Methylnaphthalene	ND	(	0.360)	[1]	ND	(	0.673)	[1]	ND	(	0.776)	[1]
2-Methylpheno (o-cresol)	ND	(	0.310)	[1]	ND	(	0.541)	[1]	3.59	(	0.673)	[1]
									21.4	(	0.541)	[1]	

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	04			005			005			005		
	04-MW-03	04-MW-01	04-MW-03	05-MW-01	05-MW-02	05-MW-03	05-MW-01	05-MW-02	05-MW-03	05-MW-01	05-MW-02	05-MW-03
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	(0.660)	(0.408)	[1]	(0.408)	(0.408)	[1]	ND	(0.408)	(0.408)	[1]	ND	(0.670)
2-Nitrophenol	(0.520)	(0.449)	[1]	(0.449)	(0.449)	[1]	ND	(0.449)	(0.449)	[1]	ND	(0.528)
3,3'-Dichlorobenzidine	(0.330)	(0.500)	[1]	(0.500)	(0.500)	[1]	ND	(0.500)	(0.500)	[1]	ND	(0.335)
3-Nitroaniline	(0.390)	(0.520)	[1]	(0.520)	(0.520)	[1]	ND	(0.520)	(0.520)	[1]	ND	(0.396)
4,6-Dinitro-2-methylphenol	(0.430)	(0.867)	[1]	(0.867)	(0.867)	[1]	ND	(0.867)	(0.867)	[1]	ND	(0.437)
4-Bromophenyl phenyl ether	(0.490)	(0.469)	[1]	(0.469)	(0.469)	[1]	ND	(0.469)	(0.469)	[1]	ND	(0.497)
4-Chloro-3-methylphenol	(0.520)	(0.735)	[1]	(0.735)	(0.735)	[1]	ND	(0.735)	(0.735)	[1]	ND	(0.528)
4-Chloroaniline	(0.740)	(0.571)	[1]	(0.571)	(0.571)	[1]	ND	(0.571)	(0.571)	[1]	ND	(0.751)
4-Chlorophenyl phenyl ether	(0.420)	(0.541)	[1]	(0.541)	(0.541)	[1]	ND	(0.541)	(0.541)	[1]	ND	(0.426)
4-Methylphenol(p-cresol)	(0.460)	(0.592)	[1]	(0.592)	(0.592)	[1]	ND	(0.592)	(0.592)	[1]	24.8 F	(0.467)
4-Nitroaniline	(0.610)	(0.490)	[1]	(0.490)	(0.490)	[1]	ND	(0.490)	(0.490)	[1]	ND	(0.619)
4-Nitrophenol	(0.940)	(0.704)	[1]	(0.704)	(0.704)	[1]	ND	(0.704)	(0.704)	[1]	ND	(0.954)
Acenaphthene	(0.270)	(0.490)	[1]	(0.490)	(0.490)	[1]	ND	(0.490)	(0.490)	[1]	ND	(0.274)
Acenaphthylene	(0.420)	(0.235)	[1]	(0.235)	(0.235)	[1]	ND	(0.235)	(0.235)	[1]	ND	(0.426)
Anthracene	(0.370)	(0.592)	[1]	(0.592)	(0.592)	[1]	ND	(0.592)	(0.592)	[1]	ND	(0.376)
Benzo(a)anthracene	(0.450)	(0.520)	[1]	(0.520)	(0.520)	[1]	ND	(0.520)	(0.520)	[1]	ND	(0.457)
Benzo(a)pyrene	(0.520)	(0.388)	[1]	(0.388)	(0.388)	[1]	ND	(0.388)	(0.388)	[1]	ND	(0.528)
Benzo(b)fluoranthene	(0.910)	(0.582)	[1]	(0.582)	(0.582)	[1]	ND	(0.582)	(0.582)	[1]	ND	(0.924)
Benzo(g,h,i)perylene	(1.00)	(0.500)	[1]	(0.500)	(0.500)	[1]	ND	(0.500)	(0.500)	[1]	ND	(1.02)
Benzo(k)fluoranthene	(1.00)	(0.990)	[1]	(0.990)	(0.990)	[1]	ND	(0.990)	(0.990)	[1]	ND	(1.02)
Benzoic acid	(39.0)	(4.29)	[1]	(4.29)	(4.29)	[1]	ND	(4.29)	(4.29)	[1]	ND	(39.6)
Benzyl alcohol	(0.610)	(1.12)	[1]	(1.12)	(1.12)	[1]	ND	(1.12)	(1.12)	[1]	2.84	(0.619)
Butylbenzylphthalate	(0.620)	(0.398)	[1]	(0.398)	(0.398)	[1]	ND	(0.398)	(0.398)	[1]	ND	(0.629)
Chrysene	(0.540)	(0.684)	[1]	(0.684)	(0.684)	[1]	ND	(0.684)	(0.684)	[1]	ND	(0.548)
Di-n-butylphthalate	(0.320)	(0.500)	[1]	(0.500)	(0.500)	[1]	ND	(0.500)	(0.500)	[1]	ND	(0.325)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID														
	04			005			005			005					
	04-MW-03	04-MW-03-03	04-MW-01	05-MW-01-03	05-MW-02	05-MW-02-03	05-MW-03	05-MW-03-03	05-MW-03	05-MW-03-03	05-MW-03	05-MW-03-03			
SW8270 - Semivolatile Organics, cont. (ug/L)															
Di-n-octylphthalate	ND	(0.350)	[1]	ND	(0.929)	[1]	ND	(0.929)	[1]	ND	(0.929)	[1]	ND	(0.355)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.822)	[1]
Dibenzofuran	ND	(0.540)	[1]	ND	(0.418)	[1]	ND	(0.418)	[1]	ND	(0.418)	[1]	ND	(0.548)	[1]
Diethylphthalate	ND	(0.520)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.528)	[1]
Dimethylphthalate	ND	(0.340)	[1]	ND	(0.286)	[1]	ND	(0.286)	[1]	ND	(0.286)	[1]	ND	(0.345)	[1]
Fluoranthene	ND	(0.470)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]	ND	(0.477)	[1]
Fluorene	ND	(0.380)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.347)	[1]	ND	(0.386)	[1]
Hexachlorobenzene	ND	(0.310)	[1]	ND	(0.235)	[1]	ND	(0.235)	[1]	ND	(0.235)	[1]	ND	(0.315)	[1]
Hexachlorobutadiene	ND	(0.510)	[1]	ND	(0.714)	[1]	ND	(0.714)	[1]	ND	(0.714)	[1]	ND	(0.518)	[1]
Hexachlorocyclopentadiene	ND	(5.90)	[1]	ND	(9.08)	[1]	ND	(9.08)	[1]	ND	(9.08)	[1]	ND	(5.99)	[1]
Hexachloroethane	ND	(0.630)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.602)	[1]	ND	(0.640)	[1]
Indeno(1,2,3-cd)pyrene	ND	(1.30)	[1]	ND	(0.531)	[1]	ND	(0.531)	[1]	ND	(0.531)	[1]	ND	(1.32)	[1]
Isophorone	ND	(0.620)	[1]	ND	(0.296)	[1]	ND	(0.296)	[1]	ND	(0.296)	[1]	ND	(0.629)	[1]
N-Nitroso-di-n-propylamine	ND	(0.650)	[1]	ND	(0.765)	[1]	ND	(0.765)	[1]	ND	(0.765)	[1]	ND	(0.660)	[1]
N-Nitrosodiphenylamine	ND	(0.270)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.274)	[1]
Naphthalene	ND	(0.480)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	6.26	(0.487)	[1]
Nitrobenzene	ND	(0.840)	[1]	ND	(0.541)	[1]	ND	(0.541)	[1]	ND	(0.541)	[1]	ND	(0.853)	[1]
Pentachloropheno1	ND	(0.890)	[1]	ND	(0.878)	[1]	ND	(0.878)	[1]	ND	(0.878)	[1]	ND	(0.904)	[1]
Phenanthrene	ND	(0.470)	[1]	ND	(0.633)	[1]	ND	(0.633)	[1]	ND	(0.633)	[1]	ND	(0.477)	[1]
Phenol	ND	(0.880)	[1]	8.70	(0.408)	[1]	ND	(0.408)	[1]	ND	(0.408)	[1]	92.5	(0.893)	[1]
Pyrene	ND	(0.410)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.480)	[1]	ND	(0.416)	[1]
bis(2-Chloroethoxy)methane	ND	(0.610)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.571)	[1]	ND	(0.619)	[1]
bis(2-Chloroethyl) ether	ND	(0.380)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.386)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.800)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.812)	[1]
bis(2-Ethylhexyl)phthalate	1.53	B (0.580)	[1]	ND	(1.84)	[1]	ND	(1.84)	[1]	ND	(1.84)	[1]	R	(0.589)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			DILUTION FACTOR	DETECTION LIMIT	NA = Not Detected	R = Invalid Result, Refer to QC Report
	04	005	005				
	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID	LOCATION ID SAMPLE ID				
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)							
Acenaphthene	0.0911 JB (0.600)	NA	NA	[1]			NA
Acenaphthylene	ND (0.820)	NA	NA	[1]			NA
Anthracene	ND (0.140)	NA	NA	[1]			NA
Benzo(a)anthracene	ND (0.00280)	NA	NA	[1]			NA
Benzo(a)pyrene	0.00430 B (0.00360)	NA	NA	[1]			NA
Benzo(b)fluoranthene	ND (0.0110)	NA	NA	[1]			NA
Benzo(g,h,i)perylene	ND (0.0280)	NA	NA	[1]			NA
Benzo(k)fluoranthene	ND (0.00160)	NA	NA	[1]			NA
Chrysene	ND (0.0490)	NA	NA	[1]			NA
Dibenz(a,h)anthracene	0.00730 J (0.00850)	NA	NA	[1]			NA
Fluoranthene	ND (0.0500)	NA	NA	[1]			NA
Fluorene	ND (0.0800)	NA	NA	[1]			NA
Indeno(1,2,3-cd)pyrene	0.00340 JB (0.00370)	NA	NA	[1]			NA
Naphthalene	ND (0.550)	NA	NA	[1]			NA
Phenanthrene	0.113 JB (0.160)	NA	NA	[1]			NA
Pyrene	ND (0.0530)	NA	NA	[1]			NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	005 05-MW-03 05-MW-03-DS-03 Dup of 05-MW-03-03		005 05-MW-04 05-MW-04-03		005 05-MW-05 05-MW-05-03		005 05-MW-06 05-MW-06-03											
	220	(	200)	[1]	1500	(	200)	[1]	770	(	200)	[1]	4.00	JB	(	200)	[1]
Diesel Range Organics (ug/L)																		
Diesel Range Organics																		
Gasoline Range Organics (ug/L)																		
Gasoline Range Organics	10000	(	100)	[1]	170000	(	100)	[1]	42000	(	100)	[1]	42.0	JB	(	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)																		
1,1,1,2-Tetrachloroethane	0.00370	JB	(	0.0400)	[1]	0.0408	(	0.0220)	[1]	ND	(	0.0219)	[1]	ND	(	0.0220)	[1]
1,1,1-Trichloroethane	ND	(	0.0920)	[1]	0.368	(	0.150)	[1]	ND	(	0.0920)	[1]	ND	(	0.150)	[1]	[1]
1,1,2,2-Tetrachloroethane	0.219	(	0.100)	[1]	ND	(	0.140)	[1]	ND	(	0.144)	[1]	ND	(	0.140)	[1]	[1]
1,1,2-Trichloroethane	ND	(	0.100)	[1]	0.0308	J	(	0.0450)	[1]	ND	(	0.100)	[1]	ND	(	0.0450)	[1]
1,1-Dichloroethane	0.00200	JB	(0.0480)	[1]	0.00480	JB	(0.0220)	[1]	ND	(0.0480)	[1]	ND	(0.0220)	[1]
1,1-Dichloroethene	ND	(	0.100)	[1]	ND	(	0.110)	[1]	ND	(	0.112)	[1]	ND	(	0.110)	[1]	[1]
1,2,3-Trichloropropane	ND	(	0.120)	[1]	ND	(	0.110)	[1]	ND	(	0.120)	[1]	ND	(	0.110)	[1]	[1]
1,2-Dichlorobenzene	0.00290	JB	(0.170)	[1]	0.0336	J	(0.0950)	[1]	ND	(0.0949)	[1]	ND	(0.0950)	[1]
1,2-Dichloroethane	0.0130	J	(	0.0540)	[1]	ND	(	0.0820)	[1]	14.5	(	0.0540)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropane	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]	ND	(	0.0230)	[1]	[1]
1,3-Dichlorobenzene	ND	(	0.150)	[1]	ND	(	0.0880)	[1]	ND	(	0.150)	[1]	ND	(	0.150)	[1]	[1]
1,4-Dichlorobenzene	ND	(	0.190)	[1]	0.127	(	0.0910)	[1]	ND	(	0.0908)	[1]	0.0132	PJ	(	0.0910)	[1]
1-Chlorohexane	0.0816	J	(	0.120)	[1]	0.0685	(	0.0400)	[1]	ND	(	0.0404)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND	(	0.170)	[1]	0.151	(	0.100)	[1]	ND	(	0.170)	[1]	ND	(	0.100)	[1]	[1]
Bromobenzene	ND	(	0.530)	[1]	ND	(	0.0450)	[1]	ND	(	0.530)	[1]	ND	(	0.0450)	[1]	[1]
Bromodichloromethane	0.00280	J	(0.0680)	[1]	0.0335	J	(0.0890)	[1]	ND	(0.0886)	[1]	ND	(0.0890)	[1]
Bromomethane	ND	(	0.0560)	[1]	ND	(	0.0860)	[1]	ND	(	0.0858)	[1]	ND	(	0.0860)	[1]	[1]
Carbon tetrachloride	ND	(	0.110)	[1]	ND	(	0.0850)	[1]	ND	(	0.0854)	[1]	ND	(	0.0850)	[1]	[1]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)										
Chlorobenzene	0.0245 JB (0.140)	[1]	ND (0.120)	[1]	ND (0.124)	[1]	ND (0.120)	[1]	ND (0.120)	[1]
Chloroethane	ND (0.110)	[1]	0.194 (0.0800)	[1]	ND (0.110)	[1]	ND (0.0800)	[1]	ND (0.0800)	[1]
Chloroform	ND (0.0850)	[1]	ND (0.0260)	[1]	ND (0.0850)	[1]	ND (0.0260)	[1]	ND (0.0260)	[1]
Chloromethane	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]	ND (0.150)	[1]
Dibromochloromethane	ND (0.170)	[1]	0.0957 (0.0820)	[1]	ND (0.0820)	[1]	ND (0.0820)	[1]	ND (0.0820)	[1]
Dibromomethane	0.0695 JB (0.140)	[1]	ND (0.0740)	[1]	ND (0.140)	[1]	ND (0.0740)	[1]	ND (0.0740)	[1]
Methylene chloride	ND (0.220)	[1]	0.162 B (0.0840)	[1]	0.149 PJB (0.220)	[1]	ND (0.220)	[1]	ND (0.220)	[1]
Tetrachloroethene	0.00210 JB (0.100)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0750)	[1]
Tribromomethane(Bromoform)	ND (0.140)	[1]	ND (0.0940)	[1]	ND (0.140)	[1]	ND (0.0940)	[1]	ND (0.0940)	[1]
Trichloroethene	0.00390 JB (0.110)	[1]	0.00540 J (0.0730)	[1]	0.0105 J (0.110)	[1]	ND (0.0730)	[1]	ND (0.0730)	[1]
Trichlorofluoromethane	ND (0.0750)	[1]	0.0108 JB (0.0980)	[1]	ND (0.0750)	[1]	ND (0.0980)	[1]	ND (0.0980)	[1]
Vinyl chloride	ND (0.200)	[1]	ND (0.150)	[1]	ND (0.200)	[1]	ND (0.200)	[1]	ND (0.200)	[1]
cis-1,3-Dichloropropene	ND (0.0740)	[1]	0.0139 J (0.0800)	[1]	ND (0.0740)	[1]	ND (0.0800)	[1]	ND (0.0800)	[1]
trans-1,2-Dichloroethene	ND (0.100)	[1]	0.0387 J (0.0870)	[1]	ND (0.0870)	[1]	ND (0.0870)	[1]	ND (0.0870)	[1]
trans-1,3-Dichloropropene	0.0119 J (0.0570)	[1]	0.158 (0.0720)	[1]	ND (0.0719)	[1]	ND (0.0720)	[1]	ND (0.0720)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)										
2-Butanone(MEK)	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.50)	[1]
Ethanol	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.300)	[1]
Ethyl ether	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.30)	[1]	ND (1.20)	[1]	ND (1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)										
1,2-Dichlorobenzene	ND (17.8) [250]	[250]	ND (142) [2000]	[2000]	20.0 (7.10) [100]	[100]	ND (0.0710)	[1]	ND (0.0710)	[1]

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND	(24.8) [250]	ND	(198) [2000]	2.69	PJ (9.90) [100]	ND	(0.0990)		
1,4-Dichlorobenzene	ND	(23.8) [250]	ND	(190) [2000]	ND	(16.0) [100]	ND	(0.0950)		
Benzene	2270	(17.5) [250]	33200	(140) [2000]	17300	(70.0) [1000]	ND	(0.100)		
Chlorobenzene	ND	(11.2) [250]	ND	(90.0) [2000]	2.57	PJ (4.50) [100]	ND	(0.0450)		
Ethylbenzene	119	(17.0) [250]	615	(136) [2000]	336	(6.80) [100]	ND	(0.0680)		
Toluene	1330	(12.0) [250]	10200	(96.0) [2000]	3900	(4.80) [100]	0.0724	B (0.0480)		
Xylene (total)	374	(21.2) [250]	1570	(170) [2000]	923	(8.50) [100]	0.0458	JB (0.0850)		
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND	(0.0242) [1]	0.0308	B (0.0236) [1]	0.101	(0.0245) [1]	ND	(0.0238)		
4,4'-DDE	ND	(0.00495) [1]	0.0113	B (0.00483) [1]	ND	(0.00357) [1]	ND	(0.00485)		
4,4'-DDT	ND	(0.00707) [1]	0.0196	B (0.00690) [1]	ND	(0.00714) [1]	ND	(0.00634)		
Aldrin	ND	(0.00414) [1]	0.0205	(0.00236) [1]	0.0344	(0.00245) [1]	ND	(0.00238)		
Chlordane	ND	(0.0303) [1]	ND	(0.0296) [1]	ND	(0.0306) [1]	ND	(0.0297)		
Dieldrin	ND	(0.00566) [1]	0.0140	(0.00552) [1]	ND	(0.00480) [1]	ND	(0.00554)		
Endosulfan I	ND	(0.00485) [1]	ND	(0.00473) [1]	ND	(0.00490) [1]	ND	(0.00475)		
Endosulfan II	ND	(0.0182) [1]	ND	(0.0177) [1]	0.00960	J (0.0184) [1]	ND	(0.0178)		
Endosulfan Sulfate	ND	(0.0141) [1]	ND	(0.0138) [1]	ND	(0.0133) [1]	ND	(0.0139)		
Endrin	ND	(0.0172) [1]	0.0199	(0.0167) [1]	ND	(0.00969) [1]	ND	(0.0168)		
Endrin Aldehyde	ND	(0.0111) [1]	0.0190	(0.0108) [1]	ND	(0.0112) [1]	ND	(0.00901)		
Heptachlor	0.00780	B (0.00293) [1]	0.0139	(0.00286) [1]	0.0261	P (0.00265) [1]	ND	(0.00287)		
Heptachlor epoxide	0.0111	PB (0.00333) [1]	0.00420	PB (0.00325) [1]	0.0237	B (0.00337) [1]	ND	(0.00327)		
Methoxychlor	ND	(0.0394) [1]	ND	(0.0384) [1]	ND	(0.0398) [1]	ND	(0.0386)		
PCB-1016	ND	(0.0465) [1]	ND	(0.0453) [1]	ND	(0.0469) [1]	ND	(0.0455)		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				DUP OF	DILUTION FACTOR	DETECTION LIMIT	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	REFER TO QC REPORT	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID								
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID								
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
PCB-1221	ND	(0.0485)	[1]	ND	(0.0473)	[1]	ND	(0.0490)	[1]	ND	(0.0475)	[1]
PCB-1232	ND	(0.0717)	[1]	ND	(0.0700)	[1]	ND	(0.0724)	[1]	ND	(0.0703)	[1]
PCB-1242	ND	(0.0566)	[1]	ND	(0.0552)	[1]	ND	(0.0571)	[1]	ND	(0.0554)	[1]
PCB-1248	ND	(0.0545)	[1]	ND	(0.0532)	[1]	ND	(0.0551)	[1]	ND	(0.0535)	[1]
PCB-1254	ND	(0.0747)	[1]	ND	(0.0729)	[1]	ND	(0.0755)	[1]	ND	(0.0733)	[1]
PCB-1260	ND	(0.0515)	[1]	ND	(0.0502)	[1]	ND	(0.0520)	[1]	ND	(0.0505)	[1]
Toxaphene	ND	(0.101)	[1]	ND	(0.0985)	[1]	ND	(0.102)	[1]	ND	(0.0990)	[1]
alpha-BHC	ND	(0.00202)	[1]	0.0457	(0.00197)	[1]	ND	(0.00143)	[1]	ND	(0.00198)	[1]
beta-BHC	ND	(0.0475)	[1]	ND	(0.0463)	[1]	ND	(0.0480)	[1]	ND	(0.0465)	[1]
delta-BHC	ND	(0.00182)	[1]	0.0351 B	(0.00177)	[1]	0.0942	(0.00184)	[1]	ND	(0.00178)	[1]
gamma-BHC(Lindane)	0.0237	(0.00232)	[1]	0.0629	(0.00227)	[1]	0.0624	(0.00235)	[1]	ND	(0.00228)	[1]
SW8270 - Semivolatile Organics (ug/L)												
1,2,4-Trichlorobenzene	ND	(0.590)	[1]	ND	(0.605)	[1]	ND	(0.587)	[1]	ND	(0.602)	[1]
1,2-Dichlorobenzene	ND	(0.640)	[1]	ND	(0.800)	[1]	ND	(0.637)	[1]	ND	(0.796)	[1]
1,3-Dichlorobenzene	ND	(0.720)	[1]	ND	(0.400)	[1]	ND	(0.716)	[1]	ND	(0.398)	[1]
1,4-Dichlorobenzene	ND	(0.590)	[1]	ND	(0.831)	[1]	ND	(0.587)	[1]	ND	(0.827)	[1]
2,4,5-Trichloropheno	ND	(0.510)	[1]	ND	(0.338)	[1]	ND	(0.507)	[1]	ND	(0.337)	[1]
2,4,6-Trichloropheno	ND	(0.500)	[1]	ND	(0.359)	[1]	ND	(0.496)	[1]	ND	(0.357)	[1]
2,4-Dichloropheno	ND	(0.570)	[1]	ND	(0.451)	[1]	ND	(0.567)	[1]	ND	(0.449)	[1]
2,4-Dimethylpheno	3.97	(1.30)	[1]	42.9	(1.13)	[1]	14.4	(1.29)	[1]	ND	(1.12)	[1]
2,4-Dinitrophenol	ND	(4.20)	[1]	ND	(7.69)	[1]	ND	(4.18)	[1]	ND	(7.65)	[1]
2,4-Dinitrotoluene	ND	(0.590)	[1]	ND	(0.564)	[1]	ND	(0.587)	[1]	ND	(0.561)	[1]
2,6-Dinitrotoluene	ND	(0.860)	[1]	ND	(0.359)	[1]	ND	(0.856)	[1]	ND	(0.357)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semi-volatile Organics, cont. (ug/L)										
2-Chloronaphthalene	ND	(0.390)	[1]	ND	(0.328)	[1]	ND	(0.388)	[1]	ND
2-Chloropheno	ND	(0.640)	[1]	ND	(0.779)	[1]	ND	(0.637)	[1]	ND
2-Methylnaphthalene	3.21	(0.360)	[1]	21.7	(0.677)	[1]	17.2	(0.358)	[1]	ND
2-Methylphenol (o-cresol)	13.2	(0.310)	[1]	58.0	(0.544)	[1]	29.6	(0.308)	[1]	ND
2-Nitroaniline	ND	(0.660)	[1]	ND	(0.410)	[1]	ND	(0.657)	[1]	ND
2-Nitrophenol	ND	(0.520)	[1]	ND	(0.451)	[1]	ND	(0.517)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.330)	[1]	ND	(0.503)	[1]	ND	(0.328)	[1]	ND
3-Nitroaniline	ND	(0.390)	[1]	ND	(0.523)	[1]	ND	(0.388)	[1]	ND
4,6-Dinitro-2-methylphenol	ND	(0.430)	[1]	ND	(0.872)	[1]	ND	(0.428)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.490)	[1]	ND	(0.472)	[1]	ND	(0.488)	[1]	ND
4-Chloro-3-methylphenol	ND	(0.520)	[1]	ND	(0.738)	[1]	ND	(0.517)	[1]	ND
4-Chloroaniline	ND	(0.740)	[1]	ND	(0.574)	[1]	ND	(0.736)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.420)	[1]	ND	(0.544)	[1]	ND	(0.418)	[1]	ND
4-Methylphenol (p-cresol)	15.3	(0.460)	[1]	58.0 F	(0.595)	[1]	35.3 F	(0.458)	[1]	ND
4-Nitroaniline	ND	(0.610)	[1]	ND	(0.492)	[1]	ND	(0.607)	[1]	ND
4-Nitrophenol	ND	(0.940)	[1]	4.89	(0.708)	[1]	ND	(0.935)	[1]	ND
Acenaphthene	ND	(0.270)	[1]	ND	(0.492)	[1]	ND	(0.269)	[1]	ND
Acenaphthylene	ND	(0.420)	[1]	ND	(0.236)	[1]	ND	(0.418)	[1]	ND
Anthracene	ND	(0.370)	[1]	ND	(0.595)	[1]	ND	(0.368)	[1]	ND
Benzo(a)anthracene	ND	(0.450)	[1]	ND	(0.523)	[1]	ND	(0.448)	[1]	ND
Benzo(a)pyrene	ND	(0.520)	[1]	ND	(0.390)	[1]	ND	(0.517)	[1]	ND
Benzo(b)fluoranthene	ND	(0.910)	[1]	ND	(0.585)	[1]	ND	(0.905)	[1]	ND
Benzo(g,h,i)perylene	ND	(1.00)	[1]	ND	(0.503)	[1]	ND	(0.995)	[1]	ND
Benzo(k)fluoranthene	ND	(1.00)	[1]	ND	(0.995)	[1]	ND	(0.995)	[1]	ND

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITING ID																
	005		005		005		005		005								
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID							
SW8270 - Semivolatile Organics, cont. (ug/L)																	
Benzoic acid	ND	(	1350	(	1000	(	ND	(	38.8	(	ND	(	ND	(	4.29	(	[1]
Benzyl alcohol	2.07	(	7.43	(	1.13	(	4.76	(	0.607	(	ND	(	ND	(	1.12	(	[1]
Butylbenzylphthalate	ND	(	ND	(	0.400	(	ND	(	0.617	(	ND	(	ND	(	0.398	(	[1]
Chrysene	ND	(	ND	(	0.687	(	ND	(	0.537	(	ND	(	ND	(	0.684	(	[1]
Di-n-butylphthalate	ND	(	ND	(	0.503	(	ND	(	0.318	(	ND	(	ND	(	0.500	(	[1]
Di-n-octylphthalate	ND	(	ND	(	0.933	(	ND	(	0.348	(	ND	(	ND	(	0.929	(	[1]
Dibenz(a,h)anthracene	ND	(	ND	(	0.482	(	ND	(	0.806	(	ND	(	ND	(	0.480	(	[1]
Dibenzofuran	ND	(	0.411 J	(	0.421	(	ND	(	0.537	(	ND	(	ND	(	0.418	(	[1]
Diethylphthalate	ND	(	ND	(	0.349	(	ND	(	0.517	(	ND	(	ND	(	0.347	(	[1]
Dimethylphthalate	ND	(	ND	(	0.287	(	ND	(	0.338	(	ND	(	ND	(	0.286	(	[1]
Fluoranthene	ND	(	0.221 J	(	0.656	(	ND	(	0.468	(	ND	(	ND	(	0.653	(	[1]
Fluorene	ND	(	0.304 J	(	0.349	(	ND	(	0.378	(	ND	(	ND	(	0.347	(	[1]
Hexachlorobenzene	ND	(	ND	(	0.236	(	ND	(	0.308	(	ND	(	ND	(	0.235	(	[1]
Hexachlorobutadiene	ND	(	ND	(	0.718	(	ND	(	0.507	(	ND	(	ND	(	0.714	(	[1]
Hexachlorocyclopentadiene	ND	(	ND	(	9.13	(	ND	(	5.87	(	ND	(	ND	(	9.08	(	[1]
Hexachloroethane	ND	(	ND	(	0.605	(	ND	(	0.627	(	ND	(	ND	(	0.602	(	[1]
Indeno(1,2,3-cd)pyrene	ND	(	ND	(	0.533	(	ND	(	1.29	(	ND	(	ND	(	0.531	(	[1]
Isophorone	ND	(	ND	(	0.297	(	ND	(	0.617	(	ND	(	ND	(	0.296	(	[1]
N-Nitroso-di-n-propylamine	ND	(	ND	(	0.769	(	ND	(	0.647	(	ND	(	ND	(	0.765	(	[1]
N-Nitrosodiphenylamine	ND	(	ND	(	0.574	(	ND	(	0.269	(	ND	(	ND	(	0.571	(	[1]
Naphthalene	5.03	(	32.5	(	0.749	(	36.9	(	0.478	(	ND	(	ND	(	0.745	(	[1]
Nitrobenzene	ND	(	ND	(	0.544	(	ND	(	0.836	(	ND	(	ND	(	0.541	(	[1]
Pentachlorophenol	ND	(	ND	(	0.882	(	ND	(	0.886	(	ND	(	ND	(	0.878	(	[1]
Phenanthrene	ND	(	ND	(	0.636	(	ND	(	0.468	(	ND	(	ND	(	0.633	(	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)												
Phenol	43.2	(0.880)	[1]	175	(0.410)	[1]	134	(0.876)	[1]	ND	(0.408)	[1]
Pyrene	ND	(0.410)	[1]	ND	(0.482)	[1]	ND	(0.408)	[1]	ND	(0.480)	[1]
bis(2-Chloroethoxy)methane	ND	(0.610)	[1]	ND	(0.574)	[1]	ND	(0.607)	[1]	ND	(0.571)	[1]
bis(2-Chloroethyl)ether	ND	(0.380)	[1]	ND	(0.749)	[1]	ND	(0.378)	[1]	ND	(0.745)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.800)	[1]	ND	(0.749)	[1]	ND	(0.796)	[1]	ND	(0.745)	[1]
bis(2-Ethylhexyl)phthalate	R B	(0.580)	[1]	17.6 B	(1.85)	[1]	R	(0.577)	[1]	ND	(1.84)	[1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	005				005				005							
	LOCATION ID	CONC	DIL	NA	LOCATION ID	CONC	DIL	NA	LOCATION ID	CONC	DIL	NA				
Diesel Range Organics (ug/L)																
Diesel Range Organics	05-MW-13-01	320	(200)	[1]	05-MW-14-01	7.00	JB (200)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	9.00	JB (200)	[1]	05-MW-15-01	36.0	JB (200)	[1]
Gasoline Range Organics (ug/L)																
Gasoline Range Organics	05-MW-13-01	26.0	JB (100)	[1]	05-MW-14-01	17.0	JB (100)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	18.0	JB (100)	[1]	05-MW-15-01	49.0	JB (100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)																
1,1,1,2-Tetrachloroethane	05-MW-13-01	ND	(0.0852)	[1]	05-MW-14-01	ND	(0.0219)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0219)	[1]	05-MW-15-01	ND	(0.0852)	[1]
1,1,1-Trichloroethane	05-MW-13-01	0.287	B (0.166)	[1]	05-MW-14-01	0.363	(0.147)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.147)	[1]	05-MW-15-01	ND	(0.166)	[1]
1,1,2,2-Tetrachloroethane	05-MW-13-01	ND	(0.129)	[1]	05-MW-14-01	ND	(0.144)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.144)	[1]	05-MW-15-01	ND	(0.129)	[1]
1,1,2-Trichloroethane	05-MW-13-01	ND	(0.123)	[1]	05-MW-14-01	ND	(0.0454)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0454)	[1]	05-MW-15-01	ND	(0.123)	[1]
1,1-Dichloroethane	05-MW-13-01	ND	(0.0666)	[1]	05-MW-14-01	ND	(0.0222)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0222)	[1]	05-MW-15-01	ND	(0.0666)	[1]
1,1-Dichloroethane	05-MW-13-01	ND	(0.0501)	[1]	05-MW-14-01	ND	(0.112)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.112)	[1]	05-MW-15-01	ND	(0.0501)	[1]
1,2,3-Trichloropropane	05-MW-13-01	ND	(0.154)	[1]	05-MW-14-01	ND	(0.109)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.109)	[1]	05-MW-15-01	ND	(0.154)	[1]
1,2-Dichlorobenzene	05-MW-13-01	ND	(0.0893)	[1]	05-MW-14-01	ND	(0.0949)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0949)	[1]	05-MW-15-01	ND	(0.0893)	[1]
1,2-Dichloroethane	05-MW-13-01	ND	(0.0800)	[1]	05-MW-14-01	ND	(0.0823)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0823)	[1]	05-MW-15-01	ND	(0.0800)	[1]
1,2-Dichloropropane	05-MW-13-01	ND	(0.0457)	[1]	05-MW-14-01	ND	(0.0228)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0228)	[1]	05-MW-15-01	ND	(0.0457)	[1]
1,3-Dichlorobenzene	05-MW-13-01	ND	(0.0688)	[1]	05-MW-14-01	ND	(0.0878)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0878)	[1]	05-MW-15-01	ND	(0.0688)	[1]
1,4-Dichlorobenzene	05-MW-13-01	ND	(0.0553)	[1]	05-MW-14-01	ND	(0.0908)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0908)	[1]	05-MW-15-01	ND	(0.0553)	[1]
1-Chlorohexane	05-MW-13-01	ND	(0.154)	[1]	05-MW-14-01	ND	(0.0404)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0404)	[1]	05-MW-15-01	ND	(0.154)	[1]
2-Chloroethyl vinyl ether	05-MW-13-01	ND	(0.194)	[1]	05-MW-14-01	ND	(0.101)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.101)	[1]	05-MW-15-01	ND	(0.194)	[1]
Bromobenzene	05-MW-13-01	ND	(0.132)	[1]	05-MW-14-01	ND	(0.0451)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0451)	[1]	05-MW-15-01	ND	(0.132)	[1]
Bromodichloromethane	05-MW-13-01	ND	(0.0448)	[1]	05-MW-14-01	ND	(0.0886)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0886)	[1]	05-MW-15-01	ND	(0.0448)	[1]
Bromomethane	05-MW-13-01	ND	(0.252)	[1]	05-MW-14-01	ND	(0.0858)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0858)	[1]	05-MW-15-01	ND	(0.252)	[1]
Carbon tetrachloride	05-MW-13-01	ND	(0.0693)	[1]	05-MW-14-01	ND	(0.0854)	[1]	05-MW-14-DS-01 Dup of 05-MW-14-01	ND	(0.0854)	[1]	05-MW-15-01	ND	(0.0693)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																					
	005			005			005			005												
	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT	LOCATION ID	CONC.	UNIT										
SW8010 - Halogenated Volatile Organics, cont. (ug/L)																						
Chlorobenzene	05-MW-13-01	ND	(	0.0513)	[1]	05-MW-14-01	ND	(	0.124)	[1]	05-MW-14-01	ND	(	0.124)	[1]	05-MW-15-01	ND	(	0.0513)	[1]
Chloroethane	05-MW-13-01	ND	(	0.115)	[1]	05-MW-14-01	ND	(	0.0800)	[1]	05-MW-14-01	ND	(	0.0800)	[1]	05-MW-15-01	ND	(	0.115)	[1]
Chloroform	05-MW-13-01	ND	(	0.0533)	[1]	05-MW-14-01	ND	(	0.0258)	[1]	05-MW-14-01	ND	(	0.0258)	[1]	05-MW-15-01	ND	(	0.0533)	[1]
Chloromethane	05-MW-13-01	ND	(	0.172)	[1]	05-MW-14-01	0.0163	JB	(	0.151)	[1]	05-MW-14-01	0.350	(	0.151)	[1]	05-MW-15-01	(	0.172)	[1]
Dibromochloromethane	05-MW-13-01	ND	(	0.114)	[1]	05-MW-14-01	ND	(	0.0820)	[1]	05-MW-14-01	ND	(	0.0820)	[1]	05-MW-15-01	ND	(	0.114)	[1]
Dibromomethane	05-MW-13-01	ND	(	0.118)	[1]	05-MW-14-01	ND	(	0.0742)	[1]	05-MW-14-01	ND	(	0.0742)	[1]	05-MW-15-01	ND	(	0.118)	[1]
Methylene chloride	05-MW-13-01	0.838	TB	(0.0562)	[1]	05-MW-14-01	0.214	B	(0.0842)	[1]	05-MW-14-01	0.404	TB	(0.0562)	[1]	05-MW-15-01	(0.0562)	[1]
Tetrachloroethene	05-MW-13-01	ND	(	0.0759)	[1]	05-MW-14-01	ND	(	0.0750)	[1]	05-MW-14-01	ND	(	0.0750)	[1]	05-MW-15-01	ND	(	0.0759)	[1]
Tribromomethane (Bromoform)	05-MW-13-01	ND	(	0.0281)	[1]	05-MW-14-01	ND	(	0.0944)	[1]	05-MW-14-01	ND	(	0.0944)	[1]	05-MW-15-01	ND	(	0.0281)	[1]
Trichloroethene	05-MW-13-01	ND	(	0.103)	[1]	05-MW-14-01	ND	(	0.0732)	[1]	05-MW-14-01	ND	(	0.0732)	[1]	05-MW-15-01	ND	(	0.103)	[1]
Trichlorofluoromethane	05-MW-13-01	ND	(	0.0637)	[1]	05-MW-14-01	ND	(	0.0980)	[1]	05-MW-14-01	ND	(	0.0980)	[1]	05-MW-15-01	ND	(	0.0637)	[1]
Vinyl chloride	05-MW-13-01	ND	(	0.158)	[1]	05-MW-14-01	ND	(	0.151)	[1]	05-MW-14-01	ND	(	0.151)	[1]	05-MW-15-01	ND	(	0.158)	[1]
cis-1,3-Dichloropropene	05-MW-13-01	ND	(	0.0565)	[1]	05-MW-14-01	ND	(	0.0804)	[1]	05-MW-14-01	ND	(	0.0804)	[1]	05-MW-15-01	ND	(	0.0565)	[1]
trans-1,2-Dichloroethene	05-MW-13-01	ND	(	0.0448)	[1]	05-MW-14-01	ND	(	0.0870)	[1]	05-MW-14-01	ND	(	0.0870)	[1]	05-MW-15-01	ND	(	0.0448)	[1]
trans-1,3-Dichloropropene	05-MW-13-01	ND	(	0.117)	[1]	05-MW-14-01	ND	(	0.0719)	[1]	05-MW-14-01	ND	(	0.0719)	[1]	05-MW-15-01	ND	(	0.117)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)																						
2-Butanone (MEK)	05-MW-13-01	ND	(	2.38)	[1]	05-MW-14-01	ND	(	2.38)	[1]	05-MW-14-01	ND	(	2.38)	[1]	05-MW-15-01	ND	(	2.38)	[1]
4-Methyl-2-pentanone (MIBK)	05-MW-13-01	ND	(	1.46)	[1]	05-MW-14-01	ND	(	1.46)	[1]	05-MW-14-01	ND	(	1.46)	[1]	05-MW-15-01	ND	(	1.46)	[1]
Ethanol	05-MW-13-01	ND	(	0.301)	[1]	05-MW-14-01	ND	(	0.301)	[1]	05-MW-14-01	ND	(	0.301)	[1]	05-MW-15-01	ND	(	0.301)	[1]
Ethyl ether	05-MW-13-01	ND	(	1.16)	[1]	05-MW-14-01	ND	(	1.16)	[1]	05-MW-14-01	ND	(	1.16)	[1]	05-MW-15-01	ND	(	1.16)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)																						
1,2-Dichlorobenzene	05-MW-13-01	ND	(	0.0796)	[1]	05-MW-14-01	ND	(	0.0784)	[1]	05-MW-14-01	ND	(	0.0784)	[1]	05-MW-15-01	ND	(	0.0796)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID													
	005		005		005		005		005					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				
SW8020 - Aromatic Volatile Organics, cont. (ug/L)														
1,3-Dichlorobenzene	ND	(0.0756)	ND	(0.0780)	[1]	ND	(0.0780)	[1]	ND	(0.0780)	[1]	ND	(0.0756)	[1]
1,4-Dichlorobenzene	ND	(0.0813)	ND	(0.0711)	[1]	ND	(0.0711)	[1]	ND	(0.0711)	[1]	0.0391 JB	(0.0813)	[1]
Benzene	0.607 B	(0.0519)	0.0309 JB	(0.0832)	[1]	0.0733 JB	(0.0832)	[1]	0.0240 JB	(0.0519)	[1]	0.0240 JB	(0.0519)	[1]
Chlorobenzene	0.0298 KJB	(0.0452)	ND	(0.0802)	[1]	0.0199 JB	(0.0802)	[1]	ND	(0.0452)	[1]	ND	(0.0452)	[1]
Ethylbenzene	ND	(0.0199)	ND	(0.0813)	[1]	0.0322 JB	(0.0813)	[1]	ND	(0.0436)	[1]	ND	(0.0436)	[1]
Toluene	0.162 B	(0.0647)	0.0223 JB	(0.0813)	[1]	0.119 B	(0.0813)	[1]	0.0732 B	(0.0647)	[1]	0.0732 B	(0.0647)	[1]
Xylene (total)	0.173 B	(0.127)	0.0268 JB	(0.0811)	[1]	0.112 B	(0.0811)	[1]	0.0373 JB	(0.127)	[1]	0.0373 JB	(0.127)	[1]
SW8270 - Semivolatile Organics (ug/L)														
1,2,4-Trichlorobenzene	ND	(0.597)	ND	(0.588)	[1]	ND	(0.588)	[1]	ND	(0.588)	[1]	ND	(0.579)	[1]
1,2-Dichlorobenzene	ND	(0.787)	ND	(0.635)	[1]	ND	(0.635)	[1]	ND	(0.635)	[1]	ND	(0.764)	[1]
1,3-Dichlorobenzene	ND	(0.400)	ND	(0.717)	[1]	ND	(0.717)	[1]	ND	(0.388)	[1]	ND	(0.388)	[1]
1,4-Dichlorobenzene	ND	(0.816)	ND	(0.588)	[1]	ND	(0.588)	[1]	ND	(0.792)	[1]	ND	(0.792)	[1]
2,4,5-Trichloropheno	ND	(0.333)	ND	(0.509)	[1]	ND	(0.509)	[1]	ND	(0.324)	[1]	ND	(0.324)	[1]
2,4,6-Trichloropheno	ND	(0.353)	ND	(0.506)	[1]	ND	(0.506)	[1]	ND	(0.342)	[1]	ND	(0.342)	[1]
2,4-Dichloropheno	ND	(0.447)	ND	(0.569)	[1]	ND	(0.569)	[1]	ND	(0.434)	[1]	ND	(0.434)	[1]
2,4-Dimethylpheno	ND	(1.11)	ND	(1.30)	[1]	ND	(1.30)	[1]	ND	(1.08)	[1]	ND	(1.08)	[1]
2,4-Dinitrophenol	ND	(7.07)	ND	(4.18)	[1]	ND	(4.18)	[1]	ND	(6.86)	[1]	ND	(6.86)	[1]
2,4-Dinitrotoluene	ND	(0.556)	ND	(0.591)	[1]	ND	(0.591)	[1]	ND	(0.539)	[1]	ND	(0.539)	[1]
2,6-Dinitrotoluene	ND	(0.349)	ND	(0.861)	[1]	ND	(0.861)	[1]	ND	(0.339)	[1]	ND	(0.339)	[1]
2-Chloronaphthalene	ND	(0.327)	ND	(0.392)	[1]	ND	(0.392)	[1]	ND	(0.318)	[1]	ND	(0.318)	[1]
2-Chloropheno	ND	(0.772)	ND	(0.635)	[1]	ND	(0.635)	[1]	ND	(0.749)	[1]	ND	(0.749)	[1]
2-Methylnaphthalene	ND	(0.667)	ND	(0.364)	[1]	ND	(0.364)	[1]	ND	(0.647)	[1]	ND	(0.647)	[1]
2-Methylpheno (o-creso)	ND	(0.539)	ND	(0.310)	[1]	ND	(0.310)	[1]	ND	(0.524)	[1]	ND	(0.524)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		005		005		005			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L)												
2-Nitroaniline	ND	(0.406)	[1]	ND	(0.663)	[1]	ND	(0.663)	[1]	ND	(0.394)	[1]
2-Nitrophenol	ND	(0.444)	[1]	ND	(0.522)	[1]	ND	(0.522)	[1]	ND	(0.431)	[1]
3,3'-Dichlorobenzidine	ND	(0.495)	[1]	ND	(0.333)	[1]	ND	(0.333)	[1]	ND	(0.480)	[1]
3-Nitroaniline	ND	(0.514)	[1]	ND	(0.393)	[1]	ND	(0.393)	[1]	ND	(0.499)	[1]
4,6-Dinitro-2-methylpheno]	ND	(0.800)	[1]	ND	(0.430)	[1]	ND	(0.430)	[1]	ND	(0.776)	[1]
4-Bromophenyl phenyl ether	ND	(0.461)	[1]	ND	(0.484)	[1]	ND	(0.484)	[1]	ND	(0.447)	[1]
4-Chloro-3-methylpheno]	ND	(0.730)	[1]	ND	(0.515)	[1]	ND	(0.515)	[1]	ND	(0.709)	[1]
4-Chloroaniline	ND	(0.565)	[1]	ND	(0.745)	[1]	ND	(0.745)	[1]	ND	(0.548)	[1]
4-Chlorophenyl phenyl ether	ND	(0.533)	[1]	ND	(0.421)	[1]	ND	(0.421)	[1]	ND	(0.518)	[1]
4-Methylpheno](p-cresol)	ND	(0.581)	[1]	ND	(0.459)	[1]	ND	(0.459)	[1]	ND	(0.564)	[1]
4-Nitroaniline	ND	(0.489)	[1]	ND	(0.606)	[1]	ND	(0.606)	[1]	ND	(0.475)	[1]
4-Nitrophenol	ND	(0.698)	[1]	ND	(0.937)	[1]	ND	(0.937)	[1]	ND	(0.677)	[1]
Acenaphthene	ND	(0.483)	[1]	ND	(0.272)	[1]	ND	(0.272)	[1]	ND	(0.469)	[1]
Acenaphthylene	ND	(0.228)	[1]	ND	(0.418)	[1]	ND	(0.418)	[1]	ND	(0.222)	[1]
Anthracene	ND	(0.587)	[1]	ND	(0.368)	[1]	ND	(0.368)	[1]	ND	(0.570)	[1]
Benzo(a)anthracene	ND	(0.520)	[1]	ND	(0.449)	[1]	ND	(0.449)	[1]	ND	(0.505)	[1]
Benzo(a)pyrene	ND	(0.387)	[1]	ND	(0.518)	[1]	ND	(0.518)	[1]	ND	(0.375)	[1]
Benzo(b)fluoranthene	ND	(0.575)	[1]	ND	(0.908)	[1]	ND	(0.908)	[1]	ND	(0.558)	[1]
Benzo(g,h,i)perylene	ND	(0.492)	[1]	ND	(1.02)	[1]	ND	(1.02)	[1]	ND	(0.477)	[1]
Benzo(k)fluoranthene	ND	(0.978)	[1]	ND	(0.999)	[1]	ND	(0.999)	[1]	ND	(0.949)	[1]
Benzoic acid	ND	(4.00)	[1]	ND	(38.6)	[1]	ND	(38.6)	[1]	ND	(3.88)	[1]
Benzy] alcohol	ND	(1.09)	[1]	ND	(0.610)	[1]	ND	(0.610)	[1]	ND	(1.06)	[1]
Butylbenzylphthalate	ND	(0.397)	[1]	ND	(0.625)	[1]	ND	(0.625)	[1]	ND	(0.385)	[1]
Chrysene	ND	(0.676)	[1]	ND	(0.537)	[1]	ND	(0.537)	[1]	ND	(0.656)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-butylphthalate	005 05-MW-13 05-MW-13-01	005 05-MW-14 05-MW-14-01	005 05-MW-14 05-MW-14-DS-01 Dup of 05-MW-14-01	005 05-MW-15 05-MW-15-01
	(0.498)	(0.324)	(0.324)	(0.483)
Di-n-octylphthalate	ND	(0.352)	(0.352)	(0.893)
Dibenz(a,h)anthracene	(0.479)	(0.811)	(0.811)	(0.465)
Dibenzofuran	(0.412)	(0.537)	(0.537)	(0.400)
Diethylphthalate	(0.339)	(0.515)	(0.515)	(0.329)
Dimethylphthalate	(0.283)	(0.336)	(0.336)	(0.275)
Diphenylamine/N-NitrosodPA	(0.572)	(0.269)	(0.269)	(0.555)
Fluoranthene	(0.644)	(0.471)	(0.471)	(0.625)
Fluorene	(0.339)	(0.380)	(0.380)	(0.329)
Hexachlorobenzene	(0.236)	(0.314)	(0.314)	(0.229)
Hexachlorobutadiene	(0.705)	(0.512)	(0.512)	(0.684)
Hexachlorocyclopentadiene	(9.01)	(5.89)	(5.89)	(8.75)
Hexachloroethane	(0.600)	(0.635)	(0.635)	(0.582)
Indeno(1,2,3-cd)pyrene	(0.530)	(1.33)	(1.33)	(0.515)
Isophorone	(0.290)	(0.616)	(0.616)	(0.281)
N-Nitroso-di-n-propylamine	(0.759)	(0.654)	(0.654)	(0.736)
Naphthalene	(0.736)	(0.478)	(0.478)	(0.715)
Nitrobenzene	(0.533)	(0.842)	(0.842)	(0.518)
Pentachloropheno]	(0.873)	(0.889)	(0.889)	(0.847)
Phenanthrene	(0.628)	(0.468)	(0.468)	(0.610)
Phenol	(0.403)	(0.883)	(0.883)	(0.391)
Pyrene	(0.473)	(0.408)	(0.408)	(0.459)
bis(2-Chloroethoxy)methane	(0.568)	(0.606)	(0.606)	(0.551)
bis(2-Chloroethyl)ether	(0.739)	(0.383)	(0.383)	(0.718)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-38

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	005	005	005	005	005	005
SW8270 - Semivolatile Organics, cont. (ug/L)						
bis(2-Chloroisopropyl)ether	ND	ND	(0.733)	(0.798)	[1]	[1]
bis(2-Ethylhexyl)phthalate	ND	3.22 B	(1.85)	(0.581)	[1]	[1]
				ND	1.86 B	ND
				ND	(0.798)	ND
				(0.581)	(0.581)	(0.712)
						(1.79)

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		Dilution Factor	Detection Limit	Factor	Not Detected	Not Applicable	Invalid Result, Refer to QC Report	
	LOCATION ID	SAMPLE ID							
	008	008							
Diesel Range Organics (ug/L)	06-MW-01	06-MW-02	8.00	200	[1]	NA	4.00	JB (200) [1]	
Diesel Range Organics	06-MW-01-03A	06-MW-02-03	NA						
Gasoline Range Organics (ug/L)	06-MW-01	06-MW-02	1700	100	[1]	NA	79.0	J (100) [1]	
Gasoline Range Organics	06-MW-01-03	06-MW-02-03A							
SW8010 - Halogenated Volatile Organics (ug/L)									
1,1,1,2-Tetrachloroethane	ND	(4.00)	[100]			ND	(0.0400)	[1]	NA
1,1,1-Trichloroethane	ND	(9.20)	[100]			ND	(0.0920)	[1]	NA
1,1,2,2-Tetrachloroethane	ND	(10.0)	[100]			ND	(0.100)	[1]	NA
1,1,2-Trichloroethane	ND	(10.0)	[100]			ND	(0.0450)	[1]	NA
1,1-Dichloroethane	ND	(4.80)	[100]			ND	(0.0480)	[1]	NA
1,1-Dichloroethene	ND	(10.0)	[100]			ND	(0.100)	[1]	NA
1,2,3-Trichloropropane	ND	(12.0)	[100]			ND	(0.120)	[1]	NA
1,2-Dichlorobenzene	ND	(17.0)	[100]			ND	(0.170)	[1]	NA
1,2-Dichloroethane	ND	(5.40)	[100]			ND	(0.0540)	[1]	NA
1,2-Dichloropropane	ND	(7.50)	[100]			ND	(0.0750)	[1]	NA
1,3-Dichlorobenzene	ND	(15.0)	[100]			ND	(0.150)	[1]	NA
1,4-Dichlorobenzene	ND	(19.0)	[100]			ND	(0.190)	[1]	NA
1-Chlorohexane	ND	(12.0)	[100]			ND	(0.120)	[1]	NA
2-Chloroethyl vinyl ether	ND	(17.0)	[100]			ND	(0.170)	[1]	NA
Bromobenzene	ND	(53.0)	[100]			ND	(0.530)	[1]	NA
Bromodichloromethane	ND	(6.80)	[100]			ND	(0.0680)	[1]	NA
Bromomethane	ND	(5.60)	[100]			ND	(0.0560)	[1]	NA
Carbon tetrachloride	ND	(11.0)	[100]			ND	(0.110)	[1]	NA
Chlorobenzene	ND	(14.0)	[100]			ND	(0.140)	[1]	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont.: (ug/L)						
Chloroethane	ND	(11.0) [100]	NA	ND	(0.110) [1]	NA
Chloroform	ND	(8.50) [100]	NA	ND	(0.0850) [1]	NA
Chloromethane	ND	(15.0) [100]	NA	ND	(0.150) [1]	NA
Dibromochloromethane	ND	(17.0) [100]	NA	ND	(0.170) [1]	NA
Dibromomethane	ND	(14.0) [100]	NA	ND	(0.140) [1]	NA
Methylene chloride	ND	(22.0) [100]	NA	ND	(0.220) [1]	NA
Tetrachloroethene	ND	(10.0) [100]	NA	ND	(0.100) [1]	NA
Tribromomethane(Bromoform)	ND	(14.0) [100]	NA	ND	(0.140) [1]	NA
Trichloroethene	3500	(11.0) [100]	NA	9.14	(0.110) [1]	NA
Trichlorofluoromethane	ND	(7.50) [100]	NA	ND	(0.0750) [1]	NA
Vinyl chloride	ND	(20.0) [100]	NA	ND	(0.200) [1]	NA
cis-1,3-Dichloropropene	ND	(7.40) [100]	NA	ND	(0.0740) [1]	NA
trans-1,2-Dichloroethene	143	(10.0) [100]	NA	ND	(0.100) [1]	NA
trans-1,3-Dichloropropene	ND	(5.70) [100]	NA	ND	(0.0570) [1]	NA
SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone(MEK)	ND	(2.40) [1]	NA	ND	(2.40) [1]	NA
4-Methyl-2-pentanone(MIBK)	ND	(1.50) [1]	NA	ND	(1.50) [1]	NA
Ethanol	ND	(0.300) [1]	NA	ND	(0.300) [1]	NA
Ethyl ether	ND	(1.20) [1]	NA	ND	(1.20) [1]	NA
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND	(0.120) [1]	NA	ND	(0.0710) [1]	NA
1,3-Dichlorobenzene	ND	(0.0990) [1]	NA	ND	(0.0990) [1]	NA
1,4-Dichlorobenzene	ND	(0.0950) [1]	NA	ND	(0.0950) [1]	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		008		008	
	06-MW-01	06-MW-01-03	06-MW-01	06-MW-01-03A	06-MW-02	06-MW-02-03A
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	0.482 B (	0.0700)	NA		ND	(0.0700) [1] NA
Chlorobenzene	ND	(0.0450)	NA		ND	(0.0450) [1] NA
Ethylbenzene	ND	(0.0680)	NA		ND	(0.0680) [1] NA
Toluene	0.161 B (	0.0480)	NA		ND	(0.100) [1] NA
Xylene (total)	0.0333 PJB (	0.0850)	NA		ND	(0.0850) [1] NA
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.00290 PJB (	0.00598)	NA		0.101	(0.00577) [1] NA
4,4'-DDE	0.00560 JB (	0.00629)	NA		0.00120 PJB	(0.00607) [1] NA
4,4'-DDT	0.0316 (	0.00680)	NA		0.0227 B	(0.00657) [1] NA
Aldrin	ND	(0.00897)	NA		ND	(0.00866) [1] NA
Chlordane	ND	(0.00959)	NA		ND	(0.00925) [1] NA
Dieldrin	ND	(0.00660)	NA		ND	(0.00637) [1] NA
Endosulfan I	ND	(0.00969)	NA		ND	(0.00308) [1] NA
Endosulfan II	ND	(0.00701)	NA		ND	(0.00677) [1] NA
Endosulfan Sulfate	ND	(0.0134)	NA		ND	(0.0129) [1] NA
Endrin	ND	(0.0113)	NA		ND	(0.0109) [1] NA
Endrin Aldehyde	ND	(0.00433)	NA		ND	(0.00577) [1] NA
Heptachlor	ND	(0.00227)	NA		ND	(0.00219) [1] NA
Heptachlor epoxide	ND	(0.00340)	NA		ND	(0.00328) [1] NA
Methoxychlor	ND	(0.0412)	NA		ND	(0.0398) [1] NA
PCB-1016	ND	(0.0567)	NA		ND	(0.0547) [1] NA
PCB-1221	ND	(0.0763)	NA		ND	(0.0736) [1] NA
PCB-1232	ND	(0.134)	NA		ND	(0.129) [1] NA
PCB-1242	ND	(0.0536)	NA		ND	(0.0517) [1] NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	008	008	008	008
	06-MW-01	06-MW-01	06-MW-02	06-MW-02
	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.0289)	[1]	ND (0.0279)	[1]
PCB-1254	ND (0.0412)	[1]	ND (0.0398)	[1]
PCB-1260	ND (0.0546)	[1]	ND (0.0527)	[1]
Toxaphene	ND (0.0351)	[1]	ND (0.0338)	[1]
alpha-BHC	0.00810 B (0.00206)	[1]	ND (0.00199)	[1]
beta-BHC	ND (0.00680)	[1]	ND (0.00657)	[1]
delta-BHC	ND (0.00371)	[1]	ND (0.00358)	[1]
gamma-BHC(Lindane)	0.0109 B (0.00330)	[1]	ND (0.00318)	[1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.621)	[1]	ND (0.631)	[1]
1,2-Dichlorobenzene	ND (0.674)	[1]	ND (0.684)	[1]
1,3-Dichlorobenzene	ND (0.758)	[1]	ND (0.770)	[1]
1,4-Dichlorobenzene	ND (0.621)	[1]	ND (0.631)	[1]
2,4,5-Trichloropheno	ND (0.537)	[1]	ND (0.545)	[1]
2,4,6-Trichloropheno	ND (0.526)	[1]	ND (0.535)	[1]
2,4-Dichloropheno	ND (0.600)	[1]	ND (0.610)	[1]
2,4-Dimethylpheno	ND (1.37)	[1]	ND (1.39)	[1]
2,4-Dinitrophenol	ND (4.42)	[1]	ND (4.49)	[1]
2,6-Dinitrotoluene	ND (0.621)	[1]	ND (0.631)	[1]
2-Chloronaphthalene	ND (0.905)	[1]	ND (0.920)	[1]
2-Chloropheno	ND (0.411)	[1]	ND (0.417)	[1]
2-Methylnaphthalene	ND (0.674)	[1]	ND (0.684)	[1]
2-Methylpheno (o-creso	ND (0.379)	[1]	ND (0.385)	[1]
	ND (0.326)	[1]	ND (0.332)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				PARAMETER	DILUTION FACTOR	DETECTION LIMIT (ug/L)	CONCENTRATION (ug/L)	STATUS	REMARKS
	LOCATION ID		SAMPLE ID							
	008	008	008	008						
SW8270 - Semivolatile Organics, cont. (ug/L)										
2-Nitroaniline	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	ND	ND	NA	NA
2-Nitrophenol	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.547)	ND	(0.556)	NA
3,3'-Dichlorobenzidine	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.347)	ND	(0.353)	NA
3-Nitroaniline	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.411)	ND	(0.417)	NA
4,6-Dinitro-2-methylphenol	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.453)	ND	(0.460)	NA
4-Bromophenyl phenyl ether	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.516)	ND	(0.524)	NA
4-Chloro-3-methylphenol	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.547)	ND	(0.556)	NA
4-Chloroaniline	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.779)	ND	(0.791)	NA
4-Chlorophenyl phenyl ether	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.442)	ND	(0.449)	NA
4-Methylphenol (p-cresol)	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.484)	ND	(0.492)	NA
4-Nitroaniline	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.642)	ND	(0.652)	NA
4-Nitrophenol	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.989)	ND	(1.01)	NA
Acenaphthene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.284)	ND	(0.289)	NA
Acenaphthylene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.442)	ND	(0.449)	NA
Anthracene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.389)	ND	(0.396)	NA
Benzo(a)anthracene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.474)	ND	(0.481)	NA
Benzo(a)pyrene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.547)	ND	(0.556)	NA
Benzo(b)fluoranthene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.958)	ND	(0.973)	NA
Benzo(g,h,i)perylene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(1.05)	ND	(1.07)	NA
Benzo(k)fluoranthene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(1.05)	ND	(1.07)	NA
Benzoic acid	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(41.1)	ND	(41.7)	NA
Benzyl alcohol	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.642)	ND	(0.652)	NA
Butylbenzylphthalate	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.653)	ND	(0.663)	NA
Chrysene	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.568)	ND	(0.578)	NA
Di-n-butylphthalate	06-MW-01	06-MW-01	06-MW-01-03	06-MW-02	06-MW-02-03	[1]	(0.337)	ND	(0.342)	NA

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-octylphthalate	06-MW-01-03	06-MW-01-03A	06-MW-02-03	06-MW-02-03A
Dibenz(a,h)anthracene	(0.368)	[1]	ND	(0.374)
Dibenzofuran	(0.853)	[1]	ND	(0.866)
Diethylphthalate	(0.568)	[1]	ND	(0.578)
Dimethylphthalate	(0.547)	[1]	ND	(0.556)
Fluoranthene	(0.358)	[1]	ND	(0.364)
Fluorene	(0.495)	[1]	ND	(0.503)
Hexachlorobenzene	(0.400)	[1]	ND	(0.406)
Hexachlorobutadiene	(0.326)	[1]	ND	(0.332)
Hexachlorocyclopentadiene	(0.537)	[1]	ND	(0.545)
Hexachloroethane	(6.21)	[1]	ND	(6.31)
Indeno(1,2,3-cd)pyrene	(0.663)	[1]	ND	(0.674)
Isophorone	(1.37)	[1]	ND	(1.39)
N-Nitroso-di-n-propylamine	(0.653)	[1]	ND	(0.663)
N-Nitrosodiphenylamine	(0.684)	[1]	ND	(0.695)
Naphthalene	(0.284)	[1]	ND	(0.289)
Nitrobenzene	(0.505)	[1]	ND	(0.513)
Pentachloropheno1	(0.884)	[1]	ND	(0.898)
Phenanthrene	(0.937)	[1]	ND	(0.952)
Phenol	(0.495)	[1]	ND	(0.503)
Pyrene	(0.926)	[1]	ND	(0.941)
bis(2-Chloroethoxy)methane	(0.432)	[1]	ND	(0.439)
bis(2-Chloroethyl)ether	(0.642)	[1]	ND	(0.652)
bis(2-Chloroisopropyl)ether	(0.400)	[1]	ND	(0.406)
bis(2-Ethylhexyl)phthalate	(0.842)	[1]	ND	(0.856)
	1.36 B	[1]	1.21 B	(0.620)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	008	008
	06-MW-01	06-MW-02
	06-MW-01-03	06-MW-02-03A

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		008		008		008					
	06-MW-03-03	06-MW-03-03	06-MW-04-03	06-MW-04-03	06-MW-04-03A	06-MW-04-03A	06-MW-07-01	06-MW-07-01				
	4.00 JB (	200)	NA	NA	850	(	200)	[1]	4.00 JB (	200)	[1]	
Diesel Range Organics (ug/L)	47.0 JB (	100)	NA	NA	2200	(	100)	[1]	45.0 JB (	100)	[1]	

Diesel Range Organics (ug/L)	4.00 JB (	200)	[1]	NA	850	(	200)	[1]	4.00 JB (	200)	[1]	
Diesel Range Organics	47.0 JB (	100)	[1]	NA	2200	(	100)	[1]	45.0 JB (	100)	[1]	
Gasoline Range Organics (ug/L)	SW8010 - Halogenated Volatile Organics (ug/L)											
Gasoline Range Organics	ND	(	0.0220)	[1]	ND	(	0.0400)	[1]	ND	(	0.0852)	[1]
1,1,1,2-Tetrachloroethane	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]	ND	(	0.166)	[1]
1,1,1-Trichloroethane	ND	(	0.140)	[1]	ND	(	0.140)	[1]	0.0760 JB	(	0.129)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.0450)	[1]	ND	(	0.100)	[1]	ND	(	0.123)	[1]
1,1,2-Trichloroethane	ND	(	0.0220)	[1]	ND	(	0.0480)	[1]	ND	(	0.0666)	[1]
1,1-Dichloroethane	ND	(	0.110)	[1]	ND	(	0.100)	[1]	ND	(	0.0501)	[1]
1,1-Dichloroethene	ND	(	0.110)	[1]	ND	(	0.120)	[1]	ND	(	0.154)	[1]
1,2,3-Trichloropropane	ND	(	0.0950)	[1]	0.00910 JB	(	0.170)	[1]	ND	(	0.0893)	[1]
1,2-Dichlorobenzene	ND	(	0.0820)	[1]	0.605	(	0.0540)	[1]	ND	(	0.0800)	[1]
1,2-Dichloroethane	ND	(	0.0230)	[1]	ND	(	0.0750)	[1]	ND	(	0.0457)	[1]
1,2-Dichloropropane	ND	(	0.0880)	[1]	ND	(	0.0880)	[1]	ND	(	0.0688)	[1]
1,3-Dichlorobenzene	ND	(	0.0910)	[1]	ND	(	0.190)	[1]	ND	(	0.0553)	[1]
1,4-Dichlorobenzene	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]	ND	(	0.154)	[1]
1-Chlorohexane	ND	(	0.100)	[1]	ND	(	0.170)	[1]	ND	(	0.194)	[1]
2-Chloroethyl vinyl ether	ND	(	0.0450)	[1]	ND	(	0.530)	[1]	ND	(	0.132)	[1]
Bromobenzene	ND	(	0.0890)	[1]	ND	(	0.0680)	[1]	ND	(	0.0448)	[1]
Bromodichloromethane	ND	(	0.0860)	[1]	ND	(	0.0560)	[1]	ND	(	0.252)	[1]
Bromomethane	ND	(	0.0850)	[1]	ND	(	0.110)	[1]	ND	(	0.0693)	[1]
Carbon tetrachloride	ND	(	0.120)	[1]	ND	(	0.140)	[1]	ND	(	0.0513)	[1]
Chlorobenzene	ND	(	0.120)	[1]	ND	(	0.140)	[1]	ND	(	0.0513)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008			008			008		
	06-MW-03-03			06-MW-04-03			06-MW-04-03A		
	LOCATION ID	CONC. (ug/L)	REMARKS	LOCATION ID	CONC. (ug/L)	REMARKS	LOCATION ID	CONC. (ug/L)	REMARKS
SW8010 - Halogenated Volatile Organics, cont. (ug/L)									
Chloroethane	ND	(0.110)	[1]	ND	(0.110)	[1]	NA	(0.115)	[1]
Chloroform	ND	(0.0260)	[1]	ND	(0.0850)	[1]	NA	(0.0533)	[1]
Chloromethane	ND	(0.150)	[1]	ND	(0.150)	[1]	NA	(0.172)	[1]
Dibromochloromethane	ND	(0.0820)	[1]	ND	(0.170)	[1]	NA	(0.114)	[1]
Dibromomethane	ND	(0.0740)	[1]	ND	(0.140)	[1]	NA	(0.118)	[1]
Methylene chloride	ND	(0.220)	[1]	ND	(0.220)	[1]	NA	(0.0562)	[1]
Tetrachloroethene	ND	(0.0750)	[1]	ND	(0.100)	[1]	NA	(0.0759)	[1]
Tribromomethane (Bromoform)	ND	(0.0940)	[1]	ND	(0.140)	[1]	NA	(0.0281)	[1]
Trichloroethene	0.313	(0.0730)	[1]	0.0111 J	(0.110)	[1]	NA	(0.103)	[1]
Trichlorofluoromethane	ND	(0.0980)	[1]	ND	(0.0750)	[1]	NA	(0.0637)	[1]
Vinyl chloride	ND	(0.150)	[1]	ND	(0.200)	[1]	NA	(0.158)	[1]
cis-1,3-Dichloropropene	ND	(0.0800)	[1]	ND	(0.0740)	[1]	NA	(0.0565)	[1]
trans-1,2-Dichloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]	NA	(0.0448)	[1]
trans-1,3-Dichloropropene	ND	(0.0720)	[1]	ND	(0.0570)	[1]	NA	(0.117)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)									
2-Butanone (MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]	NA	(0.0796)	[1]
4-Methyl-2-pentanone (MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]	NA	(0.0756)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]	NA	(0.0813)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]	NA	(0.0813)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)									
1,2-Dichlorobenzene	0.193 B	(0.0710)	[1]	12.8	(0.355)	[5]	NA	(0.0796)	[1]
1,3-Dichlorobenzene	0.0889 JB	(0.0990)	[1]	ND	(0.650)	[5]	NA	(0.0756)	[1]
1,4-Dichlorobenzene	0.0869 J	(0.0950)	[1]	1.79	(0.475)	[5]	NA	(0.0813)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID						
	008		008		008		
	LOCATION ID	06-MW-03-03	LOCATION ID	06-MW-04-03	LOCATION ID	06-MW-04-03A	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)							
Benzene	3.36 (0.0700)	[1]	428 (1.75)	[25]	NA	0.0122 JB (0.0519)	[1]
Chlorobenzene	ND (0.130)	[1]	0.301 P (0.225)	[5]	NA	ND (0.0452)	[1]
Ethylbenzene	0.0948 B (0.0680)	[1]	27.8 (0.340)	[5]	NA	ND (0.0436)	[1]
Toluene	0.0741 B (0.0480)	[1]	1.16 B (0.240)	[5]	NA	0.113 B (0.0647)	[1]
Xylene (total)	0.187 B (0.0850)	[1]	149 (2.12)	[25]	NA	ND (0.127)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)							
4,4'-DDD	ND (0.00792)	[1]	ND (0.00571)	[1]	NA	NA	
4,4'-DDE	ND (0.00653)	[1]	ND (0.00601)	[1]	NA	NA	
4,4'-DDT	ND (0.00990)	[1]	0.0163 B (0.00650)	[1]	NA	NA	
Aldrin	0.00910 PJB (0.00921)	[1]	0.00360 JB (0.00522)	[1]	NA	NA	
Chlordane	ND (0.0297)	[1]	ND (0.00916)	[1]	NA	NA	
Dieldrin	ND (0.00792)	[1]	0.0113 (0.00630)	[1]	NA	NA	
Endosulfan I	ND (0.00614)	[1]	ND (0.00305)	[1]	NA	NA	
Endosulfan II	0.0331 (0.00495)	[1]	ND (0.00670)	[1]	NA	NA	
Endosulfan Sulfate	0.0347 (0.0139)	[1]	ND (0.0128)	[1]	NA	NA	
Endrin	ND (0.0119)	[1]	ND (0.0108)	[1]	NA	NA	
Endrin Aldehyde	ND (0.00653)	[1]	ND (0.00571)	[1]	NA	NA	
Heptachlor	ND (0.00535)	[1]	0.00560 PB (0.00266)	[1]	NA	NA	
Heptachlor epoxide	0.0428 B (0.00337)	[1]	ND (0.00325)	[1]	NA	NA	
Methoxychlor	ND (0.0485)	[1]	ND (0.0394)	[1]	NA	NA	
PCB-1016	ND (0.0990)	[1]	ND (0.0542)	[1]	NA	NA	
PCB-1221	ND (0.188)	[1]	ND (0.0729)	[1]	NA	NA	
PCB-1232	ND (0.0554)	[1]	ND (0.128)	[1]	NA	NA	
PCB-1242	ND (0.0574)	[1]	ND (0.0512)	[1]	NA	NA	

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	008		008	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND (0.149)	ND (0.0276)	NA	NA
PCB-1254	ND (0.0782)	ND (0.0394)	NA	NA
PCB-1260	ND (0.0446)	ND (0.0522)	NA	NA
Toxaphene	ND (0.00990)	ND (0.0335)	NA	NA
alpha-BHC	0.0173 (0.00396)	ND (0.00197)	NA	NA
beta-BHC	ND (0.00921)	ND (0.00650)	NA	NA
delta-BHC	0.0166 B (0.00218)	ND (0.00355)	NA	NA
gamma-BHC (Lindane)	ND (0.00455)	ND (0.00197)	NA	NA
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.584)	ND (0.615)	NA	ND (0.591)
1,2-Dichlorobenzene	ND (0.634)	ND (0.667)	NA	ND (0.779)
1,3-Dichlorobenzene	ND (0.713)	ND (0.750)	NA	ND (0.396)
1,4-Dichlorobenzene	ND (0.584)	ND (0.615)	NA	ND (0.808)
2,4,5-Trichloropheno	ND (0.505)	ND (0.531)	NA	ND (0.330)
2,4,6-Trichloropheno	ND (0.495)	ND (0.521)	NA	ND (0.349)
2,4-Dichloropheno	ND (0.564)	ND (0.594)	NA	ND (0.443)
2,4-Dimethylpheno	ND (1.29)	2.97 (1.35)	NA	ND (1.10)
2,4-Dinitrophenol	ND (4.16)	ND (4.37)	NA	ND (7.00)
2,4-Dinitrotoluene	ND (0.584)	ND (0.615)	NA	ND (0.550)
2,6-Dinitrotoluene	ND (0.851)	ND (0.896)	NA	ND (0.346)
2-Chloronaphthalene	ND (0.386)	ND (0.406)	NA	ND (0.324)
2-Chloropheno	ND (0.634)	ND (0.667)	NA	ND (0.764)
2-Methylnaphthalene	ND (0.356)	10.3 (0.375)	NA	ND (0.660)
2-Methylpheno (o-cresol)	ND (0.307)	ND (0.323)	NA	ND (0.534)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	CONCENTRATION	LOCATION ID	CONCENTRATION	LOCATION ID	CONCENTRATION
SW8270 - Semivolatile Organics, cont. (ug/L)						
2-Nitroaniline	06-MW-03	(0.653)	06-MW-04	(0.687)	06-MW-04	(0.402)
2-Nitrophenol	06-MW-03-03	(0.515)	06-MW-04-03	(0.542)	06-MW-04-03A	(0.440)
3,3'-Dichlorobenzidine		(0.327)		(0.344)		(0.490)
3-Nitroaniline		(0.386)		(0.406)		(0.509)
4,6-Dinitro-2-methylphenol		(0.426)		(0.448)		(0.792)
4-Bromophenyl phenyl ether		(0.485)		(0.510)		(0.456)
4-Chloro-3-methylphenol		(0.515)		(0.542)		(0.723)
4-Chloroaniline		(0.733)		(0.771)		(0.559)
4-Chlorophenyl phenyl ether		(0.416)		(0.437)		(0.528)
4-Methylphenol(p-cresol)		(0.455)		(0.479)		(0.575)
4-Nitroaniline		(0.604)		(0.635)		(0.484)
4-Nitrophenol		(0.931)		(0.979)		(0.691)
Acenaphthene		(0.267)		(0.281)		(0.478)
Acenaphthylene		(0.416)		(0.437)		(0.226)
Anthracene		(0.366)		(0.385)		(0.581)
Benzo(a)anthracene		(0.446)		(0.469)		(0.515)
Benzo(a)pyrene		(0.515)		(0.542)		(0.383)
Benzo(b)fluoranthene		(0.901)		(0.948)		(0.569)
Benzo(g,h,i)perylene		(0.990)		(1.04)		(0.487)
Benzo(k)fluoranthene		(0.990)		(1.04)		(0.968)
Benzoic acid		(38.6)		(40.6)		(3.96)
Benzyl alcohol		(0.604)		(0.635)		(1.08)
Butylbenzylphthalate		(0.614)		(0.646)		(0.393)
Chrysene		(0.535)		(0.562)		(0.669)
Di-n-butylphthalate		(0.317)		(0.333)		(0.493)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008 06-MW-03 06-MW-03-03	008 06-MW-04 06-MW-04-03	008 06-MW-04 06-MW-04-03A	008 06-MW-07 06-MW-07-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-octylphthalate	ND (0.347) [1]	ND (0.365) [1]	NA	ND (0.911) [1]
Dibenz(a,h)anthracene	ND (0.802) [1]	ND (0.844) [1]	NA	ND (0.474) [1]
Dibenzofuran	ND (0.535) [1]	ND (0.562) [1]	NA	ND (0.408) [1]
Diethylphthalate	ND (0.515) [1]	ND (0.542) [1]	NA	ND (0.336) [1]
Dimethylphthalate	ND (0.337) [1]	ND (0.354) [1]	NA	ND (0.280) [1]
Diphenylamine/N-NitrosodPA	NA	NA	NA	ND (0.566) [1]
Fluoranthene	ND (0.465) [1]	ND (0.490) [1]	NA	ND (0.638) [1]
Fluorene	ND (0.376) [1]	ND (0.396) [1]	NA	ND (0.336) [1]
Hexachlorobenzene	ND (0.307) [1]	ND (0.323) [1]	NA	ND (0.234) [1]
Hexachlorobutadiene	ND (0.505) [1]	ND (0.531) [1]	NA	ND (0.698) [1]
Hexachlorocyclopentadiene	ND (5.84) [1]	ND (6.15) [1]	NA	ND (8.92) [1]
Hexachloroethane	ND (0.624) [1]	ND (0.656) [1]	NA	ND (0.594) [1]
Indeno(1,2,3-cd)pyrene	ND (1.29) [1]	ND (1.35) [1]	NA	ND (0.525) [1]
Isophorone	ND (0.614) [1]	ND (0.646) [1]	NA	ND (0.287) [1]
N-Nitroso-di-n-propylamine	ND (0.644) [1]	ND (0.677) [1]	NA	ND (0.751) [1]
N-Nitrosodiphenylamine	ND (0.267) [1]	ND (0.281) [1]	NA	NA
Naphthalene	ND (0.475) [1]	18.7 (0.500) [1]	NA	ND (0.729) [1]
Nitrobenzene	ND (0.832) [1]	ND (0.875) [1]	NA	ND (0.528) [1]
Pentachloropheno1	ND (0.881) [1]	ND (0.927) [1]	NA	ND (0.864) [1]
Phenanthrene	ND (0.465) [1]	ND (0.490) [1]	NA	ND (0.622) [1]
Pheno1	ND (0.871) [1]	14.5 (0.917) [1]	NA	ND (0.399) [1]
Pyrene	ND (0.406) [1]	ND (0.427) [1]	NA	ND (0.468) [1]
bis(2-Chloroethoxy)methane	ND (0.604) [1]	ND (0.635) [1]	NA	ND (0.562) [1]
bis(2-Chloroethyl)ether	ND (0.376) [1]	ND (0.396) [1]	NA	ND (0.732) [1]
bis(2-Chloroisopropyl)ether	ND (0.792) [1]	ND (0.833) [1]	NA	ND (0.726) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	008	008	008	008	008	008
SM8270 - Semivolatile Organics, cont. (ug/L)						
bis(2-Ethylhexyl)phthalate	ND (0.574) [1]	ND (0.604) [1]	NA	ND (1.83) [1]	06-MW-03	06-MW-07-01
	06-MW-03-03	06-MW-04-03	06-MW-04-03A	06-MW-04-03	06-MW-07-01	

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008		3		3		3		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
Diesel Range Organics (ug/L)	06-MW-07	07-MW-01	07-MW-02	07-MW-02	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	07-MW-02-03
Diesel Range Organics	6.00 JB (	2.00 JB (	20.0)	[1]	4.00 JB (	200)	[1]	4.00 JB (	200)	[1]	4.00 JB (	200)
Gasoline Range Organics (ug/L)	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03	07-MW-02-03	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03	07-MW-02-03	07-MW-02-03	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03
Gasoline Range Organics	21.0 JB (	17.0 B (	10.0)	[1]	39.0 JB (	100)	[1]	35.0 JB (	100)	[1]	35.0 JB (	100)
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (	ND (	0.0852)	[1]	ND (	0.0285)	[1]	ND (	0.0220)	[1]	ND (	0.0220)
1,1,1-Trichloroethane	ND (	ND (	0.166)	[1]	ND (	0.138)	[1]	ND (	0.0920)	[1]	ND (	0.0920)
1,1,2,2-Tetrachloroethane	ND (	ND (	0.129)	[1]	ND (	0.0427)	[1]	ND (	0.140)	[1]	ND (	0.140)
1,1,2-Trichloroethane	ND (	ND (	0.123)	[1]	ND (	0.0172)	[1]	ND (	0.0450)	[1]	ND (	0.0450)
1,1-Dichloroethane	ND (	ND (	0.0666)	[1]	ND (	0.0729)	[1]	ND (	0.0220)	[1]	ND (	0.0220)
1,1-Dichloroethane	ND (	ND (	0.0501)	[1]	ND (	0.0568)	[1]	ND (	0.110)	[1]	ND (	0.110)
1,2,3-Trichloropropane	ND (	ND (	0.154)	[1]	ND (	0.0367)	[1]	ND (	0.110)	[1]	ND (	0.110)
1,2-Dichlorobenzene	ND (	ND (	0.0893)	[1]	ND (	0.0288)	[1]	ND (	0.0950)	[1]	ND (	0.0950)
1,2-Dichloroethane	ND (	ND (	0.0800)	[1]	ND (	0.0286)	[1]	ND (	0.0820)	[1]	ND (	0.0820)
1,2-Dichloropropane	ND (	ND (	0.0457)	[1]	ND (	0.0320)	[1]	ND (	0.0230)	[1]	ND (	0.0230)
1,3-Dichlorobenzene	ND (	ND (	0.0688)	[1]	ND (	0.0902)	[1]	ND (	0.0880)	[1]	ND (	0.0880)
1,4-Dichlorobenzene	ND (	ND (	0.0553)	[1]	ND (	0.0322)	[1]	ND (	0.0910)	[1]	ND (	0.0910)
1-Chlorohexane	ND (	ND (	0.154)	[1]	ND (	0.0957)	[1]	ND (	0.0400)	[1]	ND (	0.0400)
2-Chloroethyl vinyl ether	ND (	ND (	0.194)	[1]	ND (	0.0281)	[1]	ND (	0.100)	[1]	ND (	0.100)
Bromobenzene	ND (	ND (	0.132)	[1]	ND (	0.0693)	[1]	ND (	0.0450)	[1]	ND (	0.0450)
Bromodichloromethane	ND (	ND (	0.0448)	[1]	ND (	0.0150)	[1]	ND (	0.0680)	[1]	ND (	0.0680)
Bromomethane	ND (	ND (	0.252)	[1]	ND (	0.161)	[1]	ND (	0.0860)	[1]	ND (	0.0860)
Carbon tetrachloride	ND (	ND (	0.0693)	[1]	ND (	0.0444)	[1]	ND (	0.0850)	[1]	ND (	0.0850)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008		3		3		3		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)												
Chlorobenzene	ND	(0.0513)	[1]	ND	(0.0301)	[1]	ND	(0.120)	[1]	ND	(0.120)	[1]
Chloroethane	ND	(0.115)	[1]	ND	(0.0499)	[1]	ND	(0.0800)	[1]	ND	(0.0800)	[1]
Chloroform	ND	(0.0533)	[1]	ND	(0.0512)	[1]	ND	(0.0260)	[1]	ND	(0.0260)	[1]
Chloromethane	ND	(0.172)	[1]	ND	(0.0213)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
Dibromochloromethane	ND	(0.114)	[1]	ND	(0.0101)	[1]	ND	(0.0820)	[1]	ND	(0.0820)	[1]
Dibromomethane	ND	(0.118)	[1]	0.577 B	(0.0939)	[1]	ND	(0.0740)	[1]	ND	(0.0740)	[1]
Methylene chloride	0.344 B	(0.0562)	[1]	ND	(0.0430)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]
Tetrachloroethene	ND	(0.0759)	[1]	ND	(0.0381)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]
Tribromomethane(Bromoform)	ND	(0.0281)	[1]	ND	(0.252)	[1]	ND	(0.0940)	[1]	ND	(0.0940)	[1]
Trichloroethene	ND	(0.103)	[1]	ND	(0.0387)	[1]	ND	(0.0730)	[1]	ND	(0.110)	[1]
Trichlorofluoromethane	ND	(0.0637)	[1]	ND	(0.0603)	[1]	ND	(0.0980)	[1]	ND	(0.0980)	[1]
Vinyl chloride	ND	(0.158)	[1]	ND	(0.0761)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
cis-1,3-Dichloropropene	ND	(0.0565)	[1]	ND	(0.0220)	[1]	ND	(0.0800)	[1]	ND	(0.0800)	[1]
trans-1,2-Dichloroethene	ND	(0.0448)	[1]	ND	(0.160)	[1]	ND	(0.0870)	[1]	ND	(0.0870)	[1]
trans-1,3-Dichloropropene	ND	(0.117)	[1]	ND	(0.0302)	[1]	ND	(0.0720)	[1]	ND	(0.0720)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)												
2-Butanone(MEK)	NA			1.30 J	(2.38)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]
4-Methyl-2-pentanone(MIBK)	NA			1.68 B	(1.46)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]
Ethanol	NA			ND	(0.301)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]
Ethyl ether	NA			ND	(1.16)	[1]	ND	(1.20)	[1]	ND	(1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)												
1,2-Dichlorobenzene	ND	(0.0796)	[1]	ND	(0.0263)	[1]	0.157 B	(0.0710)	[1]	0.247	(0.0710)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

008
06-MW-07 06-MW-01 07-MW-02 07-MW-02
06-MW-07-DS-01 Dup of 07-MW-01-03 07-MW-02-03 07-MW-02-03
07-MW-02-03 07-MW-02-03 07-MW-02-03

PARAMETER

SW8020 - Aromatic Volatile Organics, cont. (ug/L)

1,3-Dichlorobenzene	ND (0.0756)	[1]	ND (0.0218)	[1]	ND (0.0990)	[1]	0.0598 JB (0.0990)	[1]
1,4-Dichlorobenzene	ND (0.0813)	[1]	ND (0.0131)	[1]	ND (0.160)	[1]	0.0582 JB (0.0950)	[1]
Benzene	0.0485 JB (0.0519)	[1]	0.0913 B (0.0980)	[1]	0.0913 B (0.0700)	[1]	0.0841 B (0.0700)	[1]
Chlorobenzene	0.0278 KJB (0.0452)	[1]	ND (0.0140)	[1]	ND (0.0450)	[1]	ND (0.0450)	[1]
Ethylbenzene	0.0386 KJB (0.0436)	[1]	ND (0.0199)	[1]	0.0481 JB (0.0680)	[1]	0.0580 JB (0.0680)	[1]
Toluene	0.208 B (0.0847)	[1]	ND (0.0330)	[1]	0.0975 B (0.0480)	[1]	0.0927 B (0.0480)	[1]
Xylene (total)	0.0431 PJB (0.0528)	[1]	ND (0.0528)	[1]	0.172 B (0.0850)	[1]	0.202 B (0.0850)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)

4,4'-DDD	NA		ND (0.0270)	[1]	ND (0.00800)	[1]	ND (0.00800)	[1]
4,4'-DDE	NA		ND (0.00550)	[1]	ND (0.00540)	[1]	ND (0.00540)	[1]
4,4'-DDT	0.00360 KJB (0.00786)	[1]	ND (0.00786)	[1]	ND (0.0100)	[1]	ND (0.0100)	[1]
Aldrin	NA		ND (0.00270)	[1]	ND (0.00350)	[1]	ND (0.00350)	[1]
Chlordane	NA		ND (0.0337)	[1]	ND (0.0300)	[1]	ND (0.0300)	[1]
Dieldrin	NA		0.0137 (0.00629)	[1]	ND (0.00800)	[1]	ND (0.00800)	[1]
Endosulfan I	NA		ND (0.00539)	[1]	ND (0.00620)	[1]	ND (0.00620)	[1]
Endosulfan II	NA		ND (0.0202)	[1]	ND (0.00540)	[1]	ND (0.00540)	[1]
Endosulfan Sulfate	NA		0.00490 KJB (0.0146)	[1]	0.00840 JB (0.0140)	[1]	0.00830 B (0.0140)	[1]
Endrin	NA		0.00580 KJ (0.0107)	[1]	ND (0.0120)	[1]	ND (0.0120)	[1]
Endrin Aldehyde	NA		ND (0.0124)	[1]	ND (0.00660)	[1]	ND (0.00660)	[1]
Heptachlor	NA		ND (0.00292)	[1]	ND (0.00540)	[1]	0.00750 PJB (0.0330)	[1]
Heptachlor epoxide	NA		ND (0.00371)	[1]	0.00470 PJB (0.0250)	[1]	ND (0.250)	[10]
Methoxychlor	NA		ND (0.0438)	[1]	ND (0.0490)	[1]	ND (0.0490)	[1]
PCB-1016	NA		ND (0.0517)	[1]	ND (0.100)	[1]	ND (0.100)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)						
PCB-1221	NA	ND (0.0539) [1]	ND (0.190) [1]	ND (0.190) [1]	ND (0.190) [1]	
PCB-1232	NA	ND (0.0798) [1]	ND (0.0560) [1]	ND (0.0560) [1]	ND (0.0560) [1]	
PCB-1242	NA	ND (0.0629) [1]	ND (0.0580) [1]	ND (0.0580) [1]	ND (0.0580) [1]	
PCB-1248	NA	ND (0.0607) [1]	ND (0.150) [1]	ND (0.150) [1]	ND (0.150) [1]	
PCB-1254	NA	ND (0.0831) [1]	ND (0.0790) [1]	ND (0.0790) [1]	ND (0.0790) [1]	
PCB-1260	NA	ND (0.0573) [1]	ND (0.0450) [1]	ND (0.0450) [1]	ND (0.0450) [1]	
Toxaphene	NA	ND (0.112) [1]	ND (0.0100) [1]	ND (0.0100) [1]	ND (0.0100) [1]	
alpha-BHC	NA	ND (0.00225) [1]	ND (0.00400) [1]	ND (0.00400) [1]	ND (0.00400) [1]	
beta-BHC	NA	ND (0.0528) [1]	ND (0.00930) [1]	ND (0.00930) [1]	ND (0.00930) [1]	
delta-BHC	NA	0.0150 B (0.00202) [1]	ND (0.00220) [1]	ND (0.00220) [1]	ND (0.00220) [1]	
gamma-BHC(Lindane)	NA	ND (0.00427) [1]	0.00720 B (0.00460) [1]	0.00650 PJB (0.0130) [1]	0.00650 PJB (0.0130) [1]	
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND (0.579) [1]	ND (0.657) [1]	ND (0.590) [1]	ND (0.611) [1]	ND (0.611) [1]	
1,2-Dichlorobenzene	ND (0.764) [1]	ND (0.866) [1]	ND (0.640) [1]	ND (0.663) [1]	ND (0.663) [1]	
1,3-Dichlorobenzene	ND (0.388) [1]	ND (0.440) [1]	ND (0.720) [1]	ND (0.746) [1]	ND (0.746) [1]	
1,4-Dichlorobenzene	ND (0.792) [1]	ND (0.898) [1]	ND (0.590) [1]	ND (0.611) [1]	ND (0.611) [1]	
2,4,5-Trichloropheno	ND (0.324) [1]	ND (0.367) [1]	ND (0.510) [1]	ND (0.528) [1]	ND (0.528) [1]	
2,4,6-Trichloropheno	ND (0.342) [1]	ND (0.388) [1]	ND (0.500) [1]	ND (0.518) [1]	ND (0.518) [1]	
2,4-Dichloropheno	ND (0.434) [1]	ND (0.492) [1]	ND (0.570) [1]	ND (0.591) [1]	ND (0.591) [1]	
2,4-Dimethylpheno	ND (1.08) [1]	ND (1.22) [1]	ND (1.30) [1]	ND (1.35) [1]	ND (1.35) [1]	
2,4-Dinitrophenol	ND (6.86) [1]	ND (7.78) [1]	ND (4.20) [1]	ND (4.35) [1]	ND (4.35) [1]	
2,4-Dinitrotoluene	ND (0.539) [1]	ND (0.611) [1]	ND (0.590) [1]	ND (0.611) [1]	ND (0.611) [1]	
2,6-Dinitrotoluene	ND (0.339) [1]	ND (0.384) [1]	ND (0.860) [1]	ND (0.891) [1]	ND (0.891) [1]	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)						
2-Chloronaphthalene	ND	(0.318)	[1]	ND	(0.390)	[1]
2-Chlorophenol	ND	(0.749)	[1]	ND	(0.640)	[1]
2-Methylnaphthalene	ND	(0.647)	[1]	ND	(0.360)	[1]
2-Methylphenol (o-cresol)	ND	(0.524)	[1]	ND	(0.310)	[1]
2-Nitroaniline	ND	(0.394)	[1]	ND	(0.660)	[1]
2-Nitrophenol	ND	(0.431)	[1]	ND	(0.520)	[1]
3,3'-Dichlorobenzidine	ND	(0.480)	[1]	ND	(0.330)	[1]
3-Nitroaniline	ND	(0.499)	[1]	ND	(0.390)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.776)	[1]	ND	(0.430)	[1]
4-Bromophenyl phenyl ether	ND	(0.447)	[1]	ND	(0.490)	[1]
4-Chloro-3-methylphenol	ND	(0.709)	[1]	ND	(0.520)	[1]
4-Chloroaniline	ND	(0.548)	[1]	ND	(0.740)	[1]
4-Chlorophenyl phenyl ether	ND	(0.518)	[1]	ND	(0.420)	[1]
4-Methylphenol(p-cresol)	ND	(0.564)	[1]	ND	(0.460)	[1]
4-Nitroaniline	ND	(0.475)	[1]	ND	(0.610)	[1]
4-Nitrophenol	ND	(0.677)	[1]	ND	(0.940)	[1]
Acenaphthene	ND	(0.469)	[1]	ND	(0.270)	[1]
Acenaphthylene	ND	(0.222)	[1]	ND	(0.420)	[1]
Anthracene	ND	(0.570)	[1]	ND	(0.370)	[1]
Benzo(a)anthracene	ND	(0.505)	[1]	ND	(0.450)	[1]
Benzo(a)pyrene	ND	(0.375)	[1]	ND	(0.520)	[1]
Benzo(b)fluoranthene	ND	(0.558)	[1]	ND	(0.910)	[1]
Benzo(g,h,i)perylene	ND	(0.477)	[1]	ND	(1.00)	[1]
Benzo(k)fluoranthene	ND	(0.949)	[1]	ND	(1.00)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)						
Benzoic acid	ND	(3.88)	[1]	ND	(4.40)	[1]
Benzyl alcohol	ND	(1.06)	[1]	ND	(1.20)	[1]
Butylbenzylphthalate	ND	(0.385)	[1]	ND	(0.437)	[1]
Chrysene	ND	(0.656)	[1]	ND	(0.743)	[1]
Di-n-butylphthalate	ND	(0.483)	[1]	ND	(0.548)	[1]
Di-n-octylphthalate	ND	(0.893)	[1]	ND	(1.01)	[1]
Dibenz(a,h)anthracene	ND	(0.465)	[1]	ND	(0.527)	[1]
Dibenzofuran	ND	(0.400)	[1]	ND	(0.453)	[1]
Diethylphthalate	ND	(0.329)	[1]	ND	(0.373)	[1]
Dimethylphthalate	ND	(0.275)	[1]	ND	(0.311)	[1]
Diphenylamine/N-NitrosoDPA	ND	(0.555)	[1]	ND	(0.629)	[1]
Fluoranthene	ND	(0.625)	[1]	ND	(0.709)	[1]
Fluorene	ND	(0.329)	[1]	ND	(0.373)	[1]
Hexachlorobenzene	ND	(0.229)	[1]	ND	(0.260)	[1]
Hexachlorobutadiene	ND	(0.684)	[1]	ND	(0.776)	[1]
Hexachlorocyclopentadiene	ND	(8.75)	[1]	ND	(9.91)	[1]
Hexachloroethane	ND	(0.582)	[1]	ND	(0.660)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.515)	[1]	ND	(0.583)	[1]
Isophorone	ND	(0.281)	[1]	ND	(0.319)	[1]
N-Nitroso-di-n-propylamine	ND	(0.736)	[1]	ND	(0.834)	[1]
N-Nitrosodiphenylamine	NA			NA		
Naphthalene	ND	(0.715)	[1]	ND	(0.810)	[1]
Nitrobenzene	ND	(0.518)	[1]	ND	(0.587)	[1]
Pentachlorophenol	ND	(0.847)	[1]	ND	(0.960)	[1]
				ND	(39.0)	[1]
				ND	(0.610)	[1]
				ND	(0.620)	[1]
				ND	(0.540)	[1]
				ND	(0.320)	[1]
				ND	(0.350)	[1]
				ND	(0.810)	[1]
				ND	(0.540)	[1]
				ND	(0.520)	[1]
				ND	(0.340)	[1]
				NA		
				ND	(0.470)	[1]
				ND	(0.380)	[1]
				ND	(0.310)	[1]
				ND	(0.510)	[1]
				ND	(5.90)	[1]
				ND	(0.630)	[1]
				ND	(1.30)	[1]
				ND	(0.620)	[1]
				ND	(0.650)	[1]
				ND	(0.270)	[1]
				ND	(0.480)	[1]
				ND	(0.840)	[1]
				ND	(0.890)	[1]
				NA		
				ND	(0.497)	[1]
				ND	(0.870)	[1]
				ND	(0.922)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		3		3		3	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)								
Phenanthrene	ND	(0.610)	ND	(0.691)	ND	(0.470)	ND	(0.487)
Pheno1	ND	(0.391)	ND	(0.443)	ND	(0.880)	ND	(0.912)
Pyrene	ND	(0.459)	ND	(0.520)	ND	(0.410)	ND	(0.425)
bis(2-Chloroethoxy)methane	ND	(0.551)	ND	(0.624)	ND	(0.610)	ND	(0.632)
bis(2-Chloroethyl)ether	ND	(0.718)	ND	(0.813)	ND	(0.380)	ND	(0.394)
bis(2-Chloroisopropyl)ether	ND	(0.712)	ND	(0.807)	ND	(0.800)	ND	(0.829)
bis(2-Ethylhexyl)phthalate	ND	(1.79)	4.62 B	(2.03)	ND	(0.580)	1.48 B	(0.601)

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																			
	3				3				3											
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID									
Diesel Range Organics (ug/L)	1400	(	20.0)	[1]	5.00	JB	(	200)	[1]	1000	(	20.0)	[1]	3300	(	20.0)	[1]			
Diesel Range Organics																				
Gasoline Range Organics (ug/L)	45.0	B	(	10.0)	[1]	58.0	JB	(	100)	[1]	32.0	JB	(	100)	[1]	26.0	JB	(	100)	[1]
Gasoline Range Organics																				
SW8010 - Halogenated Volatile Organics (ug/L)																				
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	[1]	ND	(	0.0285)	[1]	ND	(	0.0285)	[1]	ND	(	0.0219)	[1]	ND	(	0.0219)	[1]
1,1,1-Trichloroethane	ND	(	0.138)	[1]	11.5	(	0.138)	[1]	ND	(	0.138)	[1]	ND	(	0.147)	[1]	ND	(	0.166)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	[1]	ND	(	0.0427)	[1]	ND	(	0.0427)	[1]	ND	(	0.144)	[1]	ND	(	0.144)	[1]
1,1,2-Trichloroethane	ND	(	0.0172)	[1]	ND	(	0.0172)	[1]	ND	(	0.0172)	[1]	ND	(	0.0454)	[1]	ND	(	0.0454)	[1]
1,1-Dichloroethane	ND	(	0.0729)	[1]	1.75	(	0.0729)	[1]	ND	(	0.0729)	[1]	ND	(	0.0222)	[1]	ND	(	0.0222)	[1]
1,1-Dichloroethene	ND	(	0.0568)	[1]	ND	(	0.0568)	[1]	ND	(	0.0568)	[1]	ND	(	0.112)	[1]	ND	(	0.112)	[1]
1,2,3-Trichloropropane	ND	(	0.0367)	[1]	ND	(	0.0367)	[1]	ND	(	0.0367)	[1]	ND	(	0.109)	[1]	ND	(	0.109)	[1]
1,2-Dichlorobenzene	ND	(	0.0288)	[1]	ND	(	0.0288)	[1]	ND	(	0.0288)	[1]	ND	(	0.0949)	[1]	ND	(	0.0949)	[1]
1,2-Dichloroethane	ND	(	0.0286)	[1]	ND	(	0.0286)	[1]	ND	(	0.0286)	[1]	ND	(	0.0823)	[1]	ND	(	0.0823)	[1]
1,2-Dichloropropane	ND	(	0.0320)	[1]	ND	(	0.0320)	[1]	ND	(	0.0320)	[1]	ND	(	0.0228)	[1]	ND	(	0.0228)	[1]
1,3-Dichlorobenzene	ND	(	0.0902)	[1]	ND	(	0.0902)	[1]	ND	(	0.0902)	[1]	ND	(	0.0878)	[1]	ND	(	0.0878)	[1]
1,4-Dichlorobenzene	ND	(	0.0322)	[1]	ND	(	0.0322)	[1]	ND	(	0.0322)	[1]	ND	(	0.0908)	[1]	ND	(	0.0908)	[1]
1-Chlorohexane	ND	(	0.0957)	[1]	ND	(	0.0957)	[1]	ND	(	0.0957)	[1]	ND	(	0.0404)	[1]	ND	(	0.0404)	[1]
2-Chloroethyl vinyl ether	ND	(	0.0281)	[1]	ND	(	0.0281)	[1]	ND	(	0.0281)	[1]	ND	(	0.101)	[1]	ND	(	0.101)	[1]
Bromobenzene	ND	(	0.0693)	[1]	ND	(	0.0693)	[1]	ND	(	0.0693)	[1]	ND	(	0.0451)	[1]	ND	(	0.0451)	[1]
Bromodichloromethane	ND	(	0.0150)	[1]	ND	(	0.0150)	[1]	ND	(	0.0150)	[1]	ND	(	0.0886)	[1]	ND	(	0.0886)	[1]
Bromomethane	ND	(	0.161)	[1]	ND	(	0.161)	[1]	ND	(	0.161)	[1]	ND	(	0.0858)	[1]	ND	(	0.0858)	[1]
Carbon tetrachloride	ND	(	0.0444)	[1]	ND	(	0.0444)	[1]	ND	(	0.0444)	[1]	ND	(	0.0854)	[1]	ND	(	0.0854)	[1]
Chlorobenzene	ND	(	0.0301)	[1]	ND	(	0.0301)	[1]	ND	(	0.0301)	[1]	ND	(	0.124)	[1]	ND	(	0.124)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	3		3	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	07-MW-03	07-MW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01
	3	3	3	3
SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chloroethane	0.0842 ([1])	ND ([1])	ND ([1])	ND ([1])
Chloroform	ND ([1])	0.520 B ([1])	ND ([1])	ND ([1])
Chloromethane	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Dibromochloromethane	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Dibromomethane	0.564 B ([1])	ND ([1])	ND ([1])	ND ([1])
Methylene chloride	ND ([1])	1.04 B ([1])	0.652 TB ([1])	0.205 PB ([1])
Tetrachloroethene	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Tribromomethane(Bromoform)	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Trichloroethene	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Trichlorofluoromethane	ND ([1])	ND ([1])	ND ([1])	ND ([1])
Vinyl chloride	ND ([1])	ND ([1])	ND ([1])	ND ([1])
cis-1,3-Dichloropropene	ND ([1])	ND ([1])	ND ([1])	ND ([1])
trans-1,2-Dichloroethene	ND ([1])	ND ([1])	ND ([1])	ND ([1])
trans-1,3-Dichloropropene	ND ([1])	ND ([1])	ND ([1])	ND ([1])
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	1.33 J ([1])	ND ([1])	NA ([1])	NA ([1])
4-Methyl-2-pentanone(MIBK)	1.68 B ([1])	1.37 JB ([1])	NA ([1])	NA ([1])
Ethanol	ND ([1])	ND ([1])	NA ([1])	NA ([1])
Ethyl ether	ND ([1])	ND ([1])	NA ([1])	NA ([1])
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	0.178 PB ([1])	0.177 B ([1])	ND ([1])	ND ([1])
1,3-Dichlorobenzene	0.141 ([1])	ND ([1])	ND ([1])	ND ([1])
1,4-Dichlorobenzene	0.123 ([1])	ND ([1])	ND ([1])	ND ([1])

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	3			3			3			3		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	ND (0.00980)	[1]	ND (0.0697)	[1]	ND (0.0832)	[1]	0.0822 JB (0.0832)	[1]	0.0822 JB (0.0832)	[1]	0.0822 JB (0.0832)	[1]
Chlorobenzene	ND (0.0140)	[1]	ND (0.0449)	[1]	ND (0.0802)	[1]	ND (0.0802)	[1]	ND (0.0802)	[1]	ND (0.0802)	[1]
Ethylbenzene	0.0757 PB (0.0199)	[1]	0.0276 JB (0.0678)	[1]	ND (0.0813)	[1]	0.0223 JB (0.0813)	[1]	0.0223 JB (0.0813)	[1]	0.0223 JB (0.0813)	[1]
Toluene	0.0328 KJB (0.0647)	[1]	0.0360 JB (0.0480)	[1]	0.0303 JB (0.0813)	[1]	0.0768 JB (0.0813)	[1]	0.0768 JB (0.0813)	[1]	0.0768 JB (0.0813)	[1]
Xylene (total)	0.272 B (0.0528)	[1]	0.144 B (0.0848)	[1]	0.0184 JB (0.0811)	[1]	0.112 B (0.0811)	[1]	0.112 B (0.0811)	[1]	0.112 B (0.0811)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	0.0194 JB (0.0250)	[1]	ND (0.00627)	[1]	NA		NA		NA		NA	
4,4'-DDE	ND (0.00510)	[1]	ND (0.00658)	[1]	NA		NA		NA		NA	
4,4'-DDT	ND (0.00667)	[1]	ND (0.00705)	[1]	NA		NA		NA		NA	
Aldrin	ND (0.00250)	[1]	ND (0.00568)	[1]	NA		NA		NA		NA	
Chlordane	ND (0.0312)	[1]	ND (0.0100)	[1]	NA		NA		NA		NA	
Dieldrin	0.0109 (0.00583)	[1]	ND (0.00683)	[1]	NA		NA		NA		NA	
Endosulfan I	ND (0.00500)	[1]	ND (0.00330)	[1]	NA		NA		NA		NA	
Endosulfan II	ND (0.0187)	[1]	ND (0.00730)	[1]	NA		NA		NA		NA	
Endosulfan Sulfate	ND (0.0135)	[1]	ND (0.0143)	[1]	NA		NA		NA		NA	
Endrin	0.00490 KJB (0.00990)	[1]	ND (0.0117)	[1]	NA		NA		NA		NA	
Endrin Aldehyde	ND (0.0115)	[1]	ND (0.00625)	[1]	NA		NA		NA		NA	
Heptachlor	0.00860 B (0.00302)	[1]	ND (0.00291)	[1]	NA		NA		NA		NA	
Heptachlor epoxide	0.00610 PB (0.00344)	[1]	ND (0.00356)	[1]	NA		NA		NA		NA	
Methoxychlor	ND (0.0406)	[1]	ND (0.0432)	[1]	NA		NA		NA		NA	
PCB-1016	ND (0.0479)	[1]	ND (0.0591)	[1]	NA		NA		NA		NA	
PCB-1221	ND (0.0500)	[1]	ND (0.0790)	[1]	NA		NA		NA		NA	
PCB-1232	ND (0.0740)	[1]	ND (0.137)	[1]	NA		NA		NA		NA	
PCB-1242	ND (0.0583)	[1]	ND (0.0557)	[1]	NA		NA		NA		NA	

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	3	3	3	3
	07-MW-03	07-MW-04	07-SW-03	07-SW-04
	07-MW-03-03	07-MW-04-03	07-SW-03-01	07-SW-04-01

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	ND	(0.0297)	NA	NA
PCB-1254	ND	(0.0427)	NA	NA
PCB-1260	ND	(0.0566)	NA	NA
Toxaphene	ND	(0.0363)	NA	NA
alpha-BHC	ND	(0.00189)	NA	NA
beta-BHC	0.0117 J	(0.00714)	NA	NA
delta-BHC	ND	(0.00269)	NA	NA
gamma-BHC(Lindane)	0.0200	(0.00214)	NA	NA

SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND	(0.579)	ND	(0.591)
1,2-Dichlorobenzene	ND	(0.626)	ND	(0.775)
1,3-Dichlorobenzene	ND	(0.706)	ND	(0.394)
1,4-Dichlorobenzene	ND	(0.579)	ND	(0.804)
2,4,5-Trichloropheno	ND	(0.501)	ND	(0.328)
2,4,6-Trichloropheno	ND	(0.499)	ND	(0.347)
2,4-Dichloropheno	ND	(0.561)	ND	(0.441)
2,4-Dimethylpheno	ND	(1.28)	ND	(1.09)
2,4-Dinitropheno	ND	(4.12)	ND	(6.97)
2,4-Dinitrotoluene	ND	(0.582)	ND	(0.547)
2,6-Dinitrotoluene	ND	(0.848)	ND	(0.344)
2-Chloronaphthalene	ND	(0.386)	ND	(0.322)
2-Chloropheno	ND	(0.626)	ND	(0.760)
2-Methylnaphthalene	3.21	(0.359)	ND	(0.657)
2-Methylpheno (o-cresol)	ND	(0.305)	ND	(0.531)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID								
	3		3		3				
	07-MW-03 07-MW-03-03	07-MW-04 07-MW-04-03	07-SW-03 07-SW-03-01	07-SW-04 07-SW-04-01					
SW8270 - Semivolatile Organics, cont. (ug/L)									
2-Nitroaniline	ND	(0.437)	[1]	ND	(0.653)	[1]	ND	(0.402)	[1]
2-Nitrophenol	ND	(0.478)	[1]	ND	(0.514)	[1]	ND	(0.438)	[1]
3,3'-Dichlorobenzidine	ND	(0.533)	[1]	ND	(0.328)	[1]	ND	(0.488)	[1]
3-Nitroaniline	ND	(0.553)	[1]	ND	(0.387)	[1]	ND	(0.506)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.861)	[1]	ND	(0.424)	[1]	ND	(0.788)	[1]
4-Bromophenyl phenyl ether	ND	(0.496)	[1]	ND	(0.477)	[1]	ND	(0.454)	[1]
4-Chloro-3-methylphenol	ND	(0.786)	[1]	ND	(0.507)	[1]	ND	(0.719)	[1]
4-Chloroaniline	ND	(0.608)	[1]	ND	(0.734)	[1]	ND	(0.556)	[1]
4-Chlorophenyl phenyl ether	ND	(0.574)	[1]	ND	(0.415)	[1]	ND	(0.525)	[1]
4-Methylphenol(p-cresol)	ND	(0.625)	[1]	ND	(0.452)	[1]	ND	(0.572)	[1]
4-Nitroaniline	ND	(0.526)	[1]	ND	(0.597)	[1]	ND	(0.482)	[1]
4-Nitrophenol	ND	(0.751)	[1]	ND	(0.923)	[1]	ND	(0.688)	[1]
Acenaphthene	ND	(0.520)	[1]	ND	(0.268)	[1]	ND	(0.476)	[1]
Acenaphthylene	ND	(0.246)	[1]	ND	(0.412)	[1]	ND	(0.225)	[1]
Anthracene	ND	(0.632)	[1]	ND	(0.363)	[1]	ND	(0.578)	[1]
Benzo(a)anthracene	ND	(0.560)	[1]	ND	(0.442)	[1]	ND	(0.512)	[1]
Benzo(a)pyrene	ND	(0.416)	[1]	ND	(0.510)	[1]	ND	(0.381)	[1]
Benzo(b)fluoranthene	ND	(0.618)	[1]	ND	(0.895)	[1]	ND	(0.566)	[1]
Benzo(g,h,i)perylene	ND	(0.529)	[1]	ND	(1.00)	[1]	ND	(0.485)	[1]
Benzo(k)fluoranthene	ND	(1.05)	[1]	ND	(0.984)	[1]	ND	(0.963)	[1]
Benzoic acid	ND	(4.30)	[1]	ND	(38.0)	[1]	ND	(3.94)	[1]
Benzyl alcohol	ND	(1.17)	[1]	ND	(0.601)	[1]	ND	(1.07)	[1]
Butylbenzylphthalate	ND	(0.427)	[1]	ND	(0.616)	[1]	ND	(0.391)	[1]
Chrysene	ND	(0.727)	[1]	ND	(0.529)	[1]	ND	(0.666)	[1]
Di-n-butylphthalate	ND	(0.536)	[1]	ND	(0.319)	[1]	ND	(0.491)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	3		3		3						
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID					
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (ug/L)											
Di-n-octylphthalate	ND	(0.990)	[1]	ND	(0.347)	[1]	ND	(0.906)	[1]	ND	(0.911)
Dibenz(a,h)anthracene	ND	(0.515)	[1]	ND	(0.799)	[1]	ND	(0.472)	[1]	ND	(0.474)
Dibenzofuran	ND	(0.443)	[1]	ND	(0.529)	[1]	ND	(0.406)	[1]	ND	(0.408)
Diethylphthalate	ND	(0.365)	[1]	ND	(0.507)	[1]	ND	(0.334)	[1]	ND	(0.336)
Dimethylphthalate	ND	(0.304)	[1]	ND	(0.331)	[1]	ND	(0.279)	[1]	ND	(0.280)
Diphenylamine/N-NitrosODPA	ND	(0.615)	[1]	ND	(0.265)	[1]	ND	(0.563)	[1]	ND	(0.566)
Fluoranthene	ND	(0.693)	[1]	ND	(0.464)	[1]	ND	(0.635)	[1]	ND	(0.638)
Fluorene	ND	(0.365)	[1]	ND	(0.374)	[1]	ND	(0.334)	[1]	ND	(0.336)
Hexachlorobenzene	ND	(0.254)	[1]	ND	(0.309)	[1]	ND	(0.233)	[1]	ND	(0.234)
Hexachlorobutadiene	ND	(0.759)	[1]	ND	(0.504)	[1]	ND	(0.695)	[1]	ND	(0.698)
Hexachlorocyclopentadiene	ND	(9.70)	[1]	ND	(5.80)	[1]	ND	(8.88)	[1]	ND	(8.92)
Hexachloroethane	ND	(0.646)	[1]	ND	(0.626)	[1]	ND	(0.591)	[1]	ND	(0.594)
Indeno(1,2,3-cd)pyrene	ND	(0.571)	[1]	ND	(1.31)	[1]	ND	(0.522)	[1]	ND	(0.525)
Isophorone	ND	(0.312)	[1]	ND	(0.607)	[1]	ND	(0.286)	[1]	ND	(0.287)
N-Nitroso-di-n-propylamine	ND	(0.816)	[1]	ND	(0.644)	[1]	ND	(0.747)	[1]	ND	(0.751)
Naphthalene	4.99	(0.792)	[1]	ND	(0.471)	[1]	ND	(0.725)	[1]	0.649 J	(0.729)
Nitrobenzene	ND	(0.574)	[1]	ND	(0.830)	[1]	ND	(0.525)	[1]	ND	(0.528)
Pentachloropheno1	ND	(0.939)	[1]	ND	(0.876)	[1]	ND	(0.860)	[1]	ND	(0.864)
Phenanthrene	ND	(0.676)	[1]	ND	(0.461)	[1]	ND	(0.619)	[1]	ND	(0.622)
Pheno1	ND	(0.434)	[1]	ND	(0.870)	[1]	ND	(0.397)	[1]	ND	(0.399)
Pyrene	ND	(0.509)	[1]	ND	(0.402)	[1]	ND	(0.466)	[1]	ND	(0.468)
bis(2-Chloroethoxy)methane	ND	(0.611)	[1]	ND	(0.597)	[1]	ND	(0.559)	[1]	ND	(0.562)
bis(2-Chloroethyl)ether	ND	(0.796)	[1]	ND	(0.377)	[1]	ND	(0.728)	[1]	ND	(0.732)
bis(2-Chloroisopropyl)ether	ND	(0.789)	[1]	ND	(0.786)	[1]	ND	(0.722)	[1]	ND	(0.726)
bis(2-Ethylhexyl)phthalate	2.65 B	(1.99)	[1]	1.07 B	(0.572)	[1]	0.477 JB	(1.82)	[1]	0.932 JB	(1.83)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID

3	3	3
07-MW-03	07-MW-04	07-SW-04
07-MW-03-03	07-MW-04-03	07-SW-04-01

PARAMETER

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	3		3		3		7		7			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
Diesel Range Organics (ug/L)	07-SW-05	07-SW-06	07-SW-07	08-GP-01	07-SW-05	07-SW-06	07-SW-07	08-GP-01	07-SW-05	07-SW-06	07-SW-07	08-GP-01
Diesel Range Organics	44.0	(20.0)	[1]	170	(20.0)	[1]	8.00	JB (20.0)	[1]	4.00	JB (200)	[1]
Gasoline Range Organics (ug/L)	31.0	JB (100)	[1]	27.0	JB (100)	[1]	30.0	JB (100)	[1]	26.0	JB (100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0219)	[1]	ND	(0.0219)	[1]	ND	(0.0219)	[1]	ND	(0.0219)	[1]
1,1,1-Trichloroethane	ND	(0.147)	[1]	ND	(0.147)	[1]	ND	(0.147)	[1]	ND	(0.147)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.144)	[1]	ND	(0.144)	[1]	ND	(0.144)	[1]	ND	(0.144)	[1]
1,1,2-Trichloroethane	ND	(0.0454)	[1]	ND	(0.0454)	[1]	ND	(0.0454)	[1]	ND	(0.0454)	[1]
1,1-Dichloroethane	ND	(0.0222)	[1]	ND	(0.0222)	[1]	ND	(0.0222)	[1]	ND	(0.0222)	[1]
1,1-Dichloroethene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
1,2,3-Trichloropropane	ND	(0.109)	[1]	ND	(0.109)	[1]	ND	(0.109)	[1]	ND	(0.109)	[1]
1,2-Dichlorobenzene	ND	(0.0949)	[1]	ND	(0.0949)	[1]	ND	(0.0949)	[1]	ND	(0.0949)	[1]
1,2-Dichloroethane	ND	(0.0823)	[1]	ND	(0.0823)	[1]	ND	(0.0823)	[1]	ND	(0.0823)	[1]
1,2-Dichloropropane	ND	(0.0228)	[1]	ND	(0.0228)	[1]	ND	(0.0228)	[1]	ND	(0.0228)	[1]
1,3-Dichlorobenzene	ND	(0.0878)	[1]	ND	(0.0878)	[1]	ND	(0.0878)	[1]	ND	(0.0878)	[1]
1,4-Dichlorobenzene	ND	(0.0908)	[1]	ND	(0.0908)	[1]	ND	(0.0908)	[1]	ND	(0.0908)	[1]
1-Chlorohexane	ND	(0.0404)	[1]	ND	(0.0404)	[1]	ND	(0.0404)	[1]	ND	(0.0404)	[1]
2-Chloroethyl vinyl ether	ND	(0.101)	[1]	ND	(0.101)	[1]	ND	(0.101)	[1]	ND	(0.101)	[1]
Bromobenzene	ND	(0.0451)	[1]	ND	(0.0451)	[1]	ND	(0.0451)	[1]	ND	(0.0451)	[1]
Bromodichloromethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
Bromomethane	ND	(0.0858)	[1]	ND	(0.0858)	[1]	ND	(0.0858)	[1]	ND	(0.0858)	[1]
Carbon tetrachloride	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0854)	[1]
Chlorobenzene	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

3	3	7
07-SW-05	07-SW-06	08-GP-01
07-SW-05-01	07-SW-06-01	08-GP-01-01

PARAMETER

SW8010 - Halogenated Volatile Organics, cont. (ug/L)

Chloroethane	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]	ND	(	0.0800)	[1]
Chloroform	ND	(	0.0258)	[1]	ND	(	0.0258)	[1]	ND	(	0.0258)	[1]
Chloromethane	ND	(	0.151)	[1]	ND	(	0.151)	[1]	ND	(	0.151)	[1]
Dibromochloromethane	ND	(	0.0820)	[1]	ND	(	0.0820)	[1]	ND	(	0.0820)	[1]
Dibromomethane	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]	ND	(	0.0742)	[1]
Methylene chloride	1.06 TB	(	0.0842)	[1]	1.19 TB	(	0.0842)	[1]	ND	(	0.0562)	[1]
Tetrachloroethene	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]
Tribromomethane(Bromoform)	ND	(	0.0944)	[1]	ND	(	0.0944)	[1]	ND	(	0.0944)	[1]
Trichloroethene	ND	(	0.0732)	[1]	ND	(	0.0732)	[1]	ND	(	0.0732)	[1]
Trichlorofluoromethane	ND	(	0.0980)	[1]	0.0208 JB	(	0.0980)	[1]	ND	(	0.0980)	[1]
Vinyl chloride	ND	(	0.151)	[1]	ND	(	0.151)	[1]	ND	(	0.151)	[1]
cis-1,3-Dichloropropene	ND	(	0.0804)	[1]	ND	(	0.0804)	[1]	ND	(	0.0804)	[1]
trans-1,2-Dichloroethene	ND	(	0.0870)	[1]	ND	(	0.0870)	[1]	ND	(	0.0870)	[1]
trans-1,3-Dichloropropene	ND	(	0.0719)	[1]	ND	(	0.0719)	[1]	ND	(	0.0719)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)

2-Butanone(MEK)	NA	NA	NA	NA	NA	(	2.38)	[1]
4-Methyl-2-pentanone(MIBK)	NA	NA	NA	NA	NA	(	1.46)	[1]
Ethanol	NA	NA	NA	NA	NA	(	0.301)	[1]
Ethyl ether	NA	NA	NA	NA	NA	(	1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)

1,2-Dichlorobenzene	ND	(	0.0784)	[1]	ND	(	0.0784)	[1]	0.0465 KJB	(	0.0796)	[1]
1,3-Dichlorobenzene	0.0541 KJB	(	0.0756)	[1]	ND	(	0.0780)	[1]	ND	(	0.0756)	[1]
1,4-Dichlorobenzene	0.0471 KJB	(	0.0813)	[1]	ND	(	0.0711)	[1]	ND	(	0.0711)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	3		3		7	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	0.0511 JB (0.0832)	[1]	0.0724 JB (0.0832)	[1]	0.0235 JB (0.0832)	[1] 0.422 B (0.0832)
Chlorobenzene	0.0175 KJB (0.0452)	[1]	ND (0.0802)	[1]	ND (0.0802)	ND (0.0802)
Ethylbenzene	0.0799 JB (0.0813)	[1]	0.0363 JB (0.0813)	[1]	0.0313 JB (0.0813)	[1] 0.186 (0.0813)
Toluene	0.127 B (0.0813)	[1]	0.110 B (0.0813)	[1]	ND (0.0813)	[1] 0.982 B (0.0813)
Xylene (total)	0.344 B (0.0811)	[1]	0.162 B (0.0811)	[1]	0.0616 JB (0.0811)	[1] 0.977 B (0.0811)
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND (0.657)	[1]	ND (0.635)	[1]	ND (0.646)	[1] ND (0.576)
1,2-Dichlorobenzene	ND (0.866)	[1]	ND (0.838)	[1]	ND (0.851)	[1] ND (0.623)
1,3-Dichlorobenzene	ND (0.440)	[1]	ND (0.426)	[1]	ND (0.433)	[1] ND (0.703)
1,4-Dichlorobenzene	ND (0.898)	[1]	ND (0.869)	[1]	ND (0.883)	[1] ND (0.576)
2,4,5-Trichloropheno	ND (0.367)	[1]	ND (0.355)	[1]	ND (0.361)	[1] ND (0.499)
2,4,6-Trichloropheno	ND (0.388)	[1]	ND (0.375)	[1]	ND (0.381)	[1] ND (0.496)
2,4-Dichloropheno	ND (0.492)	[1]	ND (0.476)	[1]	ND (0.484)	[1] ND (0.558)
2,4-Dimethylpheno	ND (1.22)	[1]	ND (1.18)	[1]	ND (1.20)	[1] ND (1.27)
2,4-Dinitropheno	ND (7.78)	[1]	ND (7.53)	[1]	ND (7.65)	[1] ND (4.10)
2,4-Dinitrotoluene	ND (0.611)	[1]	ND (0.591)	[1]	ND (0.601)	[1] ND (0.579)
2,6-Dinitrotoluene	ND (0.384)	[1]	ND (0.372)	[1]	ND (0.378)	[1] ND (0.844)
2-Chloronaphthalene	ND (0.360)	[1]	ND (0.348)	[1]	ND (0.354)	[1] ND (0.384)
2-Chloropheno	ND (0.849)	[1]	ND (0.822)	[1]	ND (0.835)	[1] ND (0.623)
2-Methylnaphthalene	ND (0.733)	[1]	ND (0.710)	[1]	ND (0.721)	[1] ND (0.357)
2-Methylphenol (o-cresol)	ND (0.593)	[1]	ND (0.574)	[1]	ND (0.584)	[1] 1.25 (0.304)
2-Nitroaniline	ND (0.447)	[1]	ND (0.432)	[1]	ND (0.439)	[1] ND (0.650)
2-Nitrophenol	ND (0.489)	[1]	ND (0.473)	[1]	ND (0.481)	[1] ND (0.512)
3,3'-Dichlorobenzidine	ND (0.544)	[1]	ND (0.527)	[1]	ND (0.536)	[1] ND (0.326)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID						
	3		3		7		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
SW8270 - Semivolatle Organics, cont. (ug/L)							
3-Nitroaniline	07-SW-05	07-SW-06	07-SW-07	08-GP-01	07-SW-05-01	07-SW-06-01	07-SW-07-01
4,6-Dinitro-2-methylphenol	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	(0.566)	(0.880)	(0.507)	(0.803)	(0.621)	(0.587)	(0.639)
4-Chloro-3-methylphenol	(0.880)	(0.507)	(0.803)	(0.621)	(0.587)	(0.639)	(0.538)
4-Chloroaniline	(0.507)	(0.803)	(0.621)	(0.587)	(0.639)	(0.538)	(0.768)
4-Chlorophenyl phenyl ether	(0.621)	(0.587)	(0.639)	(0.538)	(0.768)	(0.531)	(0.251)
4-Methylphenol(p-cresol)	(0.587)	(0.639)	(0.538)	(0.768)	(0.531)	(0.251)	(0.646)
4-Nitroaniline	(0.639)	(0.538)	(0.768)	(0.531)	(0.251)	(0.646)	(0.572)
4-Nitrophenol	(0.538)	(0.768)	(0.531)	(0.251)	(0.646)	(0.572)	(0.426)
Acenaphthene	(0.768)	(0.531)	(0.251)	(0.646)	(0.572)	(0.426)	(0.632)
Acenaphthylene	(0.531)	(0.251)	(0.646)	(0.572)	(0.426)	(0.632)	(0.541)
Anthracene	(0.251)	(0.646)	(0.572)	(0.426)	(0.632)	(0.541)	(1.08)
Benzo(a)anthracene	(0.646)	(0.572)	(0.426)	(0.632)	(0.541)	(1.08)	(4.40)
Benzo(a)pyrene	(0.572)	(0.426)	(0.632)	(0.541)	(1.08)	(4.40)	(1.20)
Benzo(b)fluoranthene	(0.426)	(0.632)	(0.541)	(1.08)	(4.40)	(1.20)	(0.437)
Benzo(g,h,i)perylene	(0.632)	(0.541)	(1.08)	(4.40)	(1.20)	(0.437)	(0.743)
Benzo(k)fluoranthene	(0.541)	(1.08)	(4.40)	(1.20)	(0.437)	(0.743)	(0.548)
Benzoic acid	(1.08)	(4.40)	(1.20)	(0.437)	(0.743)	(0.548)	(1.01)
Benzyl alcohol	(4.40)	(1.20)	(0.437)	(0.743)	(0.548)	(1.01)	(0.527)
Butylbenzylphthalate	(1.20)	(0.437)	(0.743)	(0.548)	(1.01)	(0.527)	(0.453)
Chrysene	(0.437)	(0.743)	(0.548)	(1.01)	(0.527)	(0.453)	
Di-n-butylphthalate	(0.743)	(0.548)	(1.01)	(0.527)	(0.453)		
Di-n-octylphthalate	(0.548)	(1.01)	(0.527)	(0.453)			
Dibenz(a,h)anthracene	(1.01)	(0.527)	(0.453)				
Dibenzofuran	(0.527)	(0.453)					

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	3		3		3		7		
	07-SW-05		07-SW-06		07-SW-07		08-GP-01		
	07-SW-05-01		07-SW-06-01		07-SW-07-01		08-GP-01-01		
	ND	(((((((
Diethylphthalate	ND	(0.373)	(0.361)	[1]	ND	(0.367)	[1]	ND	(0.505)
Dimethylphthalate	ND	(0.311)	(0.301)	[1]	ND	(0.306)	[1]	ND	(0.329)
Diethylamine/N-NitrosoDPA	ND	(0.629)	(0.609)	[1]	ND	(0.619)	[1]	ND	(0.264)
Fluoranthene	ND	(0.709)	(0.686)	[1]	ND	(0.697)	[1]	ND	(0.462)
Fluorene	ND	(0.373)	(0.361)	[1]	ND	(0.367)	[1]	ND	(0.373)
Hexachlorobenzene	ND	(0.260)	(0.252)	[1]	ND	(0.256)	[1]	ND	(0.308)
Hexachlorobutadiene	ND	(0.776)	(0.751)	[1]	ND	(0.763)	[1]	ND	(0.502)
Hexachlorocyclopentadiene	ND	(9.91)	(9.59)	[1]	ND	(9.75)	[1]	ND	(5.77)
Hexachloroethane	ND	(0.660)	(0.639)	[1]	ND	(0.649)	[1]	ND	(0.623)
Indeno(1,2,3-cd)pyrene	ND	(0.583)	(0.565)	[1]	ND	(0.574)	[1]	ND	(1.30)
Isophorone	ND	(0.319)	(0.309)	[1]	ND	(0.314)	[1]	ND	(0.604)
N-Nitroso-di-n-propylamine	ND	(0.834)	(0.808)	[1]	ND	(0.821)	[1]	ND	(0.641)
Naphthalene	0.210 J	(0.810)	(0.784)	[1]	0.352 J	(0.797)	[1]	ND	(0.469)
Nitrobenzene	ND	(0.587)	(0.568)	[1]	ND	(0.577)	[1]	ND	(0.825)
Pentachloropheno1	ND	(0.960)	(0.929)	[1]	ND	(0.944)	[1]	ND	(0.872)
Phenanthrene	ND	(0.691)	(0.669)	[1]	ND	(0.680)	[1]	ND	(0.459)
Pheno1	ND	(0.443)	(0.429)	[1]	ND	(0.436)	[1]	ND	(0.866)
Pyrene	ND	(0.520)	(0.503)	[1]	ND	(0.511)	[1]	ND	(0.400)
bis(2-Chloroethoxy)methane	ND	(0.624)	(0.604)	[1]	ND	(0.614)	[1]	ND	(0.594)
bis(2-Chloroethyl)ether	ND	(0.813)	(0.787)	[1]	ND	(0.800)	[1]	ND	(0.375)
bis(2-Chloroisopropyl)ether	ND	(0.807)	(0.781)	[1]	ND	(0.793)	[1]	ND	(0.782)
bis(2-Ethylhexyl)phthalate	ND	(2.03)	(1.97)	[1]	ND	(2.00)	[1]	ND	(0.570)

SW8270 - Semivolatile Organics, cont. (ug/L)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	7		7		7		7		7			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
Diesel Range Organics (ug/L)	57.0	J (200)	[1]	3.00	JB (200)	[1]	7.00	JB (200)	[1]	16.0	JB (200)	[1]
Diesel Range Organics												
Gasoline Range Organics (ug/L)	760	(100)	[1]	20.0	JB (100)	[1]	22.0	JB (100)	[1]	24.0	JB (100)	[1]
Gasoline Range Organics												
SW8010 - Halogenated Volatile Organics (ug/L)	ND	(0.0219)	[1]	ND	(0.0219)	[1]	ND	(0.0285)	[1]	ND	(0.0285)	[1]
1,1,1,2-Tetrachloroethane	ND	(0.147)	[1]	ND	(0.147)	[1]	0.0199	JB (0.138)	[1]	0.0130	JB (0.138)	[1]
1,1,1-Trichloroethane	ND	(0.144)	[1]	ND	(0.144)	[1]	ND	(0.0427)	[1]	ND	(0.0427)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.0454)	[1]	ND	(0.0454)	[1]	ND	(0.0172)	[1]	ND	(0.0172)	[1]
1,1,2-Trichloroethane	ND	(0.0222)	[1]	ND	(0.0222)	[1]	ND	(0.0729)	[1]	ND	(0.0729)	[1]
1,1-Dichloroethane	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.0568)	[1]	ND	(0.0568)	[1]
1,1-Dichloroethane	ND	(0.109)	[1]	ND	(0.109)	[1]	ND	(0.0367)	[1]	ND	(0.0367)	[1]
1,2,3-Trichloropropane	ND	(0.0949)	[1]	ND	(0.0949)	[1]	ND	(0.0288)	[1]	ND	(0.0288)	[1]
1,2-Dichlorobenzene	ND	(0.0823)	[1]	ND	(0.0823)	[1]	ND	(0.0286)	[1]	ND	(0.0286)	[1]
1,2-Dichloroethane	ND	(0.0228)	[1]	ND	(0.0228)	[1]	ND	(0.0320)	[1]	ND	(0.0320)	[1]
1,2-Dichloropropane	ND	(0.0878)	[1]	ND	(0.0878)	[1]	ND	(0.0902)	[1]	ND	(0.0902)	[1]
1,3-Dichlorobenzene	ND	(0.0908)	[1]	ND	(0.0908)	[1]	ND	(0.0322)	[1]	ND	(0.0322)	[1]
1,4-Dichlorobenzene	ND	(0.0404)	[1]	ND	(0.0404)	[1]	ND	(0.0957)	[1]	ND	(0.0957)	[1]
1-Chlorohexane	ND	(0.101)	[1]	ND	(0.101)	[1]	ND	(0.0281)	[1]	ND	(0.0281)	[1]
2-Chloroethyl vinyl ether	ND	(0.0451)	[1]	ND	(0.0451)	[1]	ND	(0.0693)	[1]	ND	(0.0693)	[1]
Bromobenzene	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0150)	[1]	ND	(0.0150)	[1]
Bromodichloromethane	ND	(0.0858)	[1]	ND	(0.0858)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Bromomethane	ND	(0.0854)	[1]	ND	(0.0854)	[1]	ND	(0.0444)	[1]	ND	(0.0444)	[1]
Carbon tetrachloride												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

7
08-GP-02
08-GP-02-01

7
08-GP-03
08-GP-03-01

7
08-SW-01
08-SW-01-01

7
08-SW-01
08-SW-01-DS-01 Dup of
08-SW-01-01

PARAMETER

SW8010 - Halogenated Volatile Organics, cont. (ug/L)

Chlorobenzene	ND (0.124)	[1]	ND (0.124)	[1]	ND (0.0301)	[1]	ND (0.0301)	[1]
Chloroethane	ND (0.0800)	[1]	ND (0.0800)	[1]	ND (0.0499)	[1]	ND (0.0499)	[1]
Chloroform	ND (0.0258)	[1]	ND (0.0258)	[1]	ND (0.0512)	[1]	ND (0.0512)	[1]
Chloromethane.	0.0184 JB (0.151)	[1]	0.0159 JB (0.151)	[1]	0.0159 JB (0.0213)	[1]	0.0190 JB (0.0213)	[1]
Dibromochloromethane	ND (0.0820)	[1]	ND (0.0820)	[1]	ND (0.0101)	[1]	ND (0.0101)	[1]
Dibromomethane	ND (0.0742)	[1]	ND (0.0742)	[1]	ND (0.0939)	[1]	ND (0.0939)	[1]
Methylene chloride	ND (0.0842)	[1]	0.0504 JB (0.0842)	[1]	0.152 B (0.0430)	[1]	0.550 TB (0.0430)	[1]
Tetrachloroethene	ND (0.0750)	[1]	ND (0.0750)	[1]	ND (0.0381)	[1]	ND (0.0381)	[1]
Tribromomethane(Bromoform)	ND (0.0944)	[1]	ND (0.0944)	[1]	ND (0.252)	[1]	ND (0.252)	[1]
Trichloroethene	ND (0.0732)	[1]	ND (0.0732)	[1]	ND (0.0387)	[1]	ND (0.0387)	[1]
Trichlorofluoromethane	ND (0.0980)	[1]	ND (0.0980)	[1]	ND (0.0603)	[1]	ND (0.0603)	[1]
Vinyl chloride	ND (0.151)	[1]	ND (0.151)	[1]	ND (0.0761)	[1]	ND (0.0761)	[1]
cis-1,3-Dichloropropene	ND (0.0804)	[1]	ND (0.0804)	[1]	ND (0.0220)	[1]	ND (0.0220)	[1]
trans-1,2-Dichloroethene	ND (0.0870)	[1]	ND (0.0870)	[1]	ND (0.160)	[1]	ND (0.160)	[1]
trans-1,3-Dichloropropene	ND (0.0719)	[1]	ND (0.0719)	[1]	ND (0.0302)	[1]	ND (0.0302)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)

2-Butanone(MEK)	ND (2.38)	[1]	ND (2.38)	[1]	ND (2.38)	[1]	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]	ND (1.46)	[1]	ND (1.46)	[1]	ND (1.46)	[1]
Ethanol	ND (0.301)	[1]	ND (0.301)	[1]	ND (0.301)	[1]	ND (0.301)	[1]
Ethyl ether	ND (1.16)	[1]	ND (1.16)	[1]	ND (1.16)	[1]	ND (1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)

1,2-Dichlorobenzene	ND T (0.0784)	[1]	0.0322 KJB (0.0796)	[1]	ND (0.0263)	[1]	ND (0.0263)	[1]
---------------------	----------------	-----	----------------------	-----	--------------	-----	--------------	-----

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	7		7		7		7		7	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	0.634	KJ (1.95)	ND	(0.0780)	ND	(0.0218)	ND	(0.0218)	ND	(0.0218)
1,4-Dichlorobenzene	ND	T (0.0711)	ND	(0.0711)	ND	(0.0131)	ND	(0.0131)	ND	(0.0131)
Benzene	1.75	J (2.08)	0.243	B (0.0832)	ND	(0.00980)	ND	(0.00980)	ND	(0.00980)
Chlorobenzene	0.0296	TJB (0.0802)	ND	(0.0802)	ND	(0.0140)	ND	(0.0140)	ND	(0.0140)
Ethylbenzene	0.926	J (2.03)	0.0940	B (0.0813)	ND	(0.0199)	ND	(0.0199)	ND	(0.0199)
Toluene	411	(2.03)	0.742	B (0.0813)	ND	(0.0330)	0.0461	B (0.0330)	ND	(0.0330)
Xylene (total)	2.89	(2.03)	0.420	B (0.0811)	ND	(0.0528)	ND	(0.0528)	ND	(0.0528)
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.582)	ND	(0.565)	ND	(0.571)	ND	(0.571)	ND	(0.588)
1,2-Dichlorobenzene	ND	(0.629)	ND	(0.611)	ND	(0.617)	ND	(0.617)	ND	(0.635)
1,3-Dichlorobenzene	ND	(0.710)	ND	(0.689)	ND	(0.696)	ND	(0.696)	ND	(0.717)
1,4-Dichlorobenzene	ND	(0.582)	ND	(0.565)	ND	(0.571)	ND	(0.571)	ND	(0.588)
2,4,5-Trichloropheno	ND	(0.504)	ND	(0.489)	ND	(0.494)	ND	(0.494)	ND	(0.509)
2,4,6-Trichloropheno	ND	(0.501)	ND	(0.487)	ND	(0.491)	ND	(0.491)	ND	(0.506)
2,4-Dichloropheno	ND	(0.563)	ND	(0.547)	ND	(0.552)	ND	(0.552)	ND	(0.569)
2,4-Dimethylpheno	0.845	J (1.29)	ND	(1.25)	ND	(1.26)	ND	(1.26)	ND	(1.30)
2,4-Dinitrophenol	ND	(4.14)	ND	(4.02)	ND	(4.06)	ND	(4.06)	ND	(4.18)
2,4-Dinitrotoluene	ND	(0.585)	ND	(0.568)	ND	(0.574)	ND	(0.574)	ND	(0.591)
2,6-Dinitrotoluene	ND	(0.852)	ND	(0.828)	ND	(0.836)	ND	(0.836)	ND	(0.861)
2-Chloronaphthalene	ND	(0.388)	ND	(0.377)	ND	(0.381)	ND	(0.381)	ND	(0.392)
2-Chloropheno	ND	(0.629)	ND	(0.611)	ND	(0.617)	ND	(0.617)	ND	(0.635)
2-Methylnaphthalene	ND	(0.360)	ND	(0.350)	ND	(0.353)	ND	(0.353)	ND	(0.364)
2-Methylpheno (o-creso)	9.01	(0.307)	ND	(0.298)	ND	(0.301)	ND	(0.301)	ND	(0.310)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID						
	7		7		7		7
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID
SW8270 - Semivolatile Organics, cont. (ug/L)							
2-Nitroaniline	08-GP-02	08-GP-02-01	08-GP-03	08-GP-03-01	08-SW-01	08-SW-01-01	08-SW-01
2-Nitrophenol	ND	(0.656)	ND	(0.637)	ND	(0.644)	ND
3,3'-Dichlorobenzidine	ND	(0.517)	ND	(0.502)	ND	(0.507)	ND
3-Nitroaniline	ND	(0.330)	ND	(0.320)	ND	(0.323)	ND
4,6-Dinitro-2-methylphenol	ND	(0.389)	ND	(0.378)	ND	(0.382)	ND
4-Bromophenyl phenyl ether	ND	(0.426)	ND	(0.413)	ND	(0.417)	ND
4-Chloro-3-methylphenol	ND	(0.479)	ND	(0.465)	ND	(0.470)	ND
4-Chloroaniline	ND	(0.510)	ND	(0.495)	ND	(0.500)	ND
4-Chlorophenyl phenyl ether	ND	(0.738)	ND	(0.716)	ND	(0.723)	ND
4-Methylphenol(p-cresol)	ND	(0.417)	ND	(0.405)	ND	(0.409)	ND
4-Nitroaniline	50.2 F	(0.454)	ND	(0.441)	ND	(0.446)	ND
4-Nitrophenol	ND	(0.600)	ND	(0.583)	ND	(0.588)	ND
Acenaphthene	ND	(0.928)	ND	(0.901)	ND	(0.910)	ND
Acenaphthylene	ND	(0.269)	ND	(0.262)	ND	(0.264)	ND
Anthracene	ND	(0.414)	ND	(0.402)	ND	(0.406)	ND
Benzo(a)anthracene	ND	(0.364)	ND	(0.354)	ND	(0.357)	ND
Benzo(a)pyrene	ND	(0.445)	ND	(0.432)	ND	(0.436)	ND
Benzo(b)fluoranthene	ND	(0.513)	ND	(0.498)	ND	(0.503)	ND
Benzo(g,h,i)perylene	ND	(0.899)	ND	(0.873)	ND	(0.882)	ND
Benzo(k)fluoranthene	ND	(1.01)	ND	(0.981)	ND	(0.990)	ND
Benzoic acid	ND	(0.989)	ND	(0.961)	ND	(0.970)	ND
Benzyl alcohol	ND	(38.2)	ND	(37.1)	ND	(37.5)	ND
Butylbenzylphthalate	ND	(0.604)	ND	(0.587)	ND	(0.592)	ND
Chrysene	ND	(0.619)	ND	(0.601)	ND	(0.607)	ND
	ND	(0.532)	ND	(0.516)	ND	(0.521)	ND

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	7		7		7		7					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID					
SW8270 - Semivolatile Organics, cont. (ug/L)												
Di-n-butylphthalate	ND	(0.321)	[1]	ND	(0.312)	[1]	ND	(0.315)	[1]	ND	(0.324)	[1]
Di-n-octylphthalate	ND	(0.349)	[1]	ND	(0.338)	[1]	ND	(0.342)	[1]	ND	(0.352)	[1]
Dibenz(a,h)anthracene	ND	(0.803)	[1]	ND	(0.780)	[1]	ND	(0.787)	[1]	ND	(0.811)	[1]
Dibenzofuran	ND	(0.532)	[1]	ND	(0.516)	[1]	ND	(0.521)	[1]	ND	(0.537)	[1]
Diethylphthalate	ND	(0.510)	[1]	ND	(0.495)	[1]	ND	(0.500)	[1]	ND	(0.515)	[1]
Dimethylphthalate	ND	(0.333)	[1]	ND	(0.323)	[1]	ND	(0.326)	[1]	ND	(0.336)	[1]
Diphenylamine/N-NitrosodPA	ND	(0.266)	[1]	ND	(0.259)	[1]	ND	(0.261)	[1]	ND	(0.269)	[1]
Fluoranthene	ND	(0.466)	[1]	ND	(0.453)	[1]	ND	(0.457)	[1]	ND	(0.471)	[1]
Fluorene	ND	(0.376)	[1]	ND	(0.365)	[1]	ND	(0.369)	[1]	ND	(0.380)	[1]
Hexachlorobenzene	ND	(0.311)	[1]	ND	(0.302)	[1]	ND	(0.305)	[1]	ND	(0.314)	[1]
Hexachlorobutadiene	ND	(0.507)	[1]	ND	(0.492)	[1]	ND	(0.497)	[1]	ND	(0.512)	[1]
Hexachlorocyclopentadiene	ND	(5.83)	[1]	ND	(5.66)	[1]	ND	(5.72)	[1]	ND	(5.89)	[1]
Hexachloroethane	ND	(0.629)	[1]	ND	(0.611)	[1]	ND	(0.617)	[1]	ND	(0.635)	[1]
Indeno(1,2,3-cd)pyrene	ND	(1.32)	[1]	ND	(1.28)	[1]	ND	(1.29)	[1]	ND	(1.33)	[1]
Isophorone	ND	(0.610)	[1]	ND	(0.592)	[1]	ND	(0.598)	[1]	ND	(0.616)	[1]
N-Nitroso-di-n-propylamine	ND	(0.648)	[1]	ND	(0.629)	[1]	ND	(0.635)	[1]	ND	(0.654)	[1]
Naphthalene	ND	(0.473)	[1]	ND	(0.460)	[1]	ND	(0.464)	[1]	ND	(0.478)	[1]
Nitrobenzene	ND	(0.834)	[1]	ND	(0.810)	[1]	ND	(0.817)	[1]	ND	(0.842)	[1]
Pentachloropheno1	ND	(0.880)	[1]	ND	(0.855)	[1]	ND	(0.863)	[1]	ND	(0.889)	[1]
Phenanthrene	ND	(0.463)	[1]	ND	(0.450)	[1]	ND	(0.454)	[1]	ND	(0.468)	[1]
Pheno1	ND	(0.874)	[1]	ND	(0.849)	[1]	ND	(0.857)	[1]	ND	(0.883)	[1]
Pyrene	ND	(0.404)	[1]	ND	(0.392)	[1]	ND	(0.396)	[1]	ND	(0.408)	[1]
bis(2-Chloroethoxy)methane	ND	(0.600)	[1]	ND	(0.583)	[1]	ND	(0.588)	[1]	ND	(0.606)	[1]
bis(2-Chloroethyl) ether	ND	(0.379)	[1]	ND	(0.368)	[1]	ND	(0.372)	[1]	ND	(0.383)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	7		7		7	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)						
bis(2-Chloroisopropyl)ether	08-GP-02	08-GP-03	08-GP-01	08-GP-01	08-SW-01	08-SW-01
bis(2-Ethylhexyl)phthalate	08-GP-02-01	08-GP-03-01	08-GP-01	08-GP-01	08-SW-01-DS-01	08-SW-01-01
	(0.790)	(0.767)	(0.775)	(0.775)	(0.798)	(0.798)
	(0.575)	(0.559)	(0.564)	(0.564)	(0.581)	(0.581)
	ND	ND	ND	ND	ND	ND
	ND	ND	ND	ND	ND	ND

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID															
	7		7		7		7		008							
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID						
Diesel Range Organics (ug/L)	08-SW-02	08-SW-03	08-SW-03	08-SW-03-01	08-SW-03	08-SW-03-01	09-MW-01	09-MW-01-03	09-MW-02	09-MW-02-03						
Diesel Range Organics	3.00 JB (	200)	[1]	9.00 JB (	200)	[1]	72.0 J (	200)	[1]	10.0 JB (	200)	[1]				
Gasoline Range Organics (ug/L)	08-SW-02-01	08-SW-03-01	08-SW-03-01	08-SW-03-01	08-SW-03-01	08-SW-03-01	09-MW-01-03	09-MW-01-03	09-MW-02-03	09-MW-02-03	09-MW-02-03					
Gasoline Range Organics	23.0 JB (	100)	[1]	25.0 JB (	100)	[1]	470	(	100)	120	(	100)	[1]			
SW8010 - Halogenated Volatile Organics (ug/L)																
1,1,1,2-Tetrachloroethane	ND	(	0.0285)	[1]	ND	(	0.0285)	[1]	ND	(	0.0400)	[1]	ND	(	0.0400)	[1]
1,1,1-Trichloroethane	0.0234 JB	(	0.138)	[1]	0.0526 JB	(	0.138)	[1]	ND	(	0.0920)	[1]	ND	(	0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.0427)	[1]	ND	(	0.0427)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
1,1,2-Trichloroethane	ND	(	0.0172)	[1]	ND	(	0.0172)	[1]	ND	(	0.100)	[1]	ND	(	0.0450)	[1]
1,1-Dichloroethane	ND	(	0.0729)	[1]	ND	(	0.0729)	[1]	0.111 P	(	0.0220)	[1]	ND	(	0.0480)	[1]
1,1-Dichloroethene	ND	(	0.0568)	[1]	ND	(	0.0568)	[1]	ND	(	0.100)	[1]	ND	(	0.100)	[1]
1,2,3-Trichloropropane	ND	(	0.0367)	[1]	ND	(	0.0367)	[1]	ND	(	0.120)	[1]	ND	(	0.120)	[1]
1,2-Dichlorobenzene	ND	(	0.0288)	[1]	ND	(	0.0288)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
1,2-Dichloroethane	ND	(	0.0286)	[1]	ND	(	0.0286)	[1]	0.00220 PJ	(	0.0540)	[1]	ND	(	0.0540)	[1]
1,2-Dichloropropane	ND	(	0.0320)	[1]	ND	(	0.0320)	[1]	ND	(	0.0750)	[1]	ND	(	0.0750)	[1]
1,3-Dichlorobenzene	ND	(	0.0902)	[1]	ND	(	0.0902)	[1]	ND	(	0.150)	[1]	ND	(	0.0880)	[1]
1,4-Dichlorobenzene	ND	(	0.0322)	[1]	ND	(	0.0322)	[1]	ND	(	0.190)	[1]	ND	(	0.190)	[1]
1-Chlorohexane	ND	(	0.0957)	[1]	ND	(	0.0957)	[1]	ND	(	0.120)	[1]	ND	(	0.0400)	[1]
2-Chloroethyl vinyl ether	ND	(	0.0281)	[1]	ND	(	0.0281)	[1]	ND	(	0.170)	[1]	ND	(	0.170)	[1]
Bromobenzene	ND	(	0.0693)	[1]	ND	(	0.0693)	[1]	ND	(	0.530)	[1]	ND	(	0.530)	[1]
Bromodichloromethane	ND	(	0.0150)	[1]	ND	(	0.0150)	[1]	ND	(	0.0680)	[1]	ND	(	0.0680)	[1]
Bromomethane	ND	(	0.161)	[1]	ND	(	0.161)	[1]	ND	(	0.0560)	[1]	ND	(	0.0560)	[1]
Carbon tetrachloride	ND	(	0.0444)	[1]	ND	(	0.0444)	[1]	ND	(	0.110)	[1]	ND	(	0.110)	[1]
Chlorobenzene	ND	(	0.0301)	[1]	ND	(	0.0301)	[1]	ND	(	0.140)	[1]	ND	(	0.140)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	7		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	08-SW-02	08-SW-03	09-MW-01	09-MW-02
	08-SW-02-01	08-SW-03-01	09-MW-01-03	09-MW-02-03

SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chloroethane	ND (0.0499)	[1]	ND (0.0499)	[1]
Chloroform	ND (0.0512)	[1]	ND (0.0512)	[1]
Chloromethane	0.0163 JB (0.0213)	[1]	0.0230 B (0.0213)	[1]
Dibromochloromethane	ND (0.0101)	[1]	ND (0.0101)	[1]
Dibromomethane	ND (0.0939)	[1]	ND (0.0939)	[1]
Methylene chloride	0.142 B (0.0430)	[1]	0.177 B (0.0430)	[1]
Tetrachloroethene	ND (0.0381)	[1]	ND (0.0381)	[1]
Tribromomethane(Bromoform)	ND (0.252)	[1]	ND (0.252)	[1]
Trichloroethene	ND (0.0387)	[1]	0.313 (0.0387)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]	ND (0.0603)	[1]
Vinyl chloride	ND (0.0761)	[1]	ND (0.0761)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]	ND (0.0220)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]	3.46 (0.160)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]	ND (0.0302)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	ND (2.38)	[1]	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]	ND (1.46)	[1]
Ethanol	ND (0.301)	[1]	ND (0.301)	[1]
Ethyl ether	ND (1.16)	[1]	ND (1.16)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND (0.0263)	[1]	ND (0.0263)	[1]
1,3-Dichlorobenzene	ND (0.0218)	[1]	1.15 P (0.0218)	[1]
1,4-Dichlorobenzene	ND (0.0131)	[1]	0.428 (0.0131)	[1]
			ND (0.0131)	[1]
			0.0675 PJB (0.0710)	[1]
			0.108 P (0.0990)	[1]
			ND (0.0950)	[1]
			ND (0.0950)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	7		7		008		008					
	08-SW-02	08-SW-02-01	08-SW-03	08-SW-03-01	09-MW-01	09-MW-01-03	09-MW-02	09-MW-02-03				
	7	7	7	7	008	008	008	008				
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID				
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID				

SW8020 - Aromatic Volatile Organics, cont. (ug/L)												
Benzene	ND	(0.00980)	[1]	ND	(0.00980)	[1]	95.6	(0.700)	[10]	40.0	(0.350)	[5]
Chlorobenzene	ND	(0.0140)	[1]	ND	(0.0140)	[1]	0.0832 P	(0.0450)	[1]	0.0669	(0.0450)	[1]
Ethylbenzene	ND	(0.0199)	[1]	ND	(0.0199)	[1]	1.95	(0.0680)	[1]	0.129 B	(0.0680)	[1]
Toluene	ND	(0.0330)	[1]	ND	(0.0330)	[1]	0.271 B	(0.0480)	[1]	0.200 B	(0.0480)	[1]
Xylene (total)	ND	(0.0528)	[1]	ND	(0.0528)	[1]	0.624 PB	(0.0850)	[1]	0.378 B	(0.0850)	[1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	NA			NA			ND	(0.00598)	[1]	ND	(0.00598)	[1]
4,4'-DDE	NA			NA			0.000600 PJB	(0.00629)	[1]	ND	(0.00629)	[1]
4,4'-DDT	NA			NA			ND	(0.00680)	[1]	ND	(0.00680)	[1]
Aldrin	NA			NA			0.00220 JB	(0.00546)	[1]	ND	(0.00897)	[1]
Chlordane	NA			NA			ND	(0.00959)	[1]	ND	(0.00959)	[1]
Dieldrin	NA			NA			ND	(0.00660)	[1]	0.0127	(0.00660)	[1]
Endosulfan I	NA			NA			ND	(0.00969)	[1]	ND	(0.00320)	[1]
Endosulfan II	NA			NA			ND	(0.00701)	[1]	ND	(0.00701)	[1]
Endosulfan Sulfate	NA			NA			ND	(0.0134)	[1]	ND	(0.0134)	[1]
Endrin	NA			NA			ND	(0.0113)	[1]	ND	(0.0113)	[1]
Endrin Aldehyde	NA			NA			ND	(0.00598)	[1]	ND	(0.00598)	[1]
Heptachlor	NA			NA			ND	(0.00278)	[1]	ND	(0.00227)	[1]
Heptachlor epoxide	NA			NA			ND	(0.00340)	[1]	ND	(0.00340)	[1]
Methoxychlor	NA			NA			ND	(0.0412)	[1]	ND	(0.0412)	[1]
PCB-1016	NA			NA			ND	(0.0567)	[1]	ND	(0.0567)	[1]
PCB-1221	NA			NA			ND	(0.0763)	[1]	ND	(0.0763)	[1]
PCB-1232	NA			NA			ND	(0.134)	[1]	ND	(0.134)	[1]
PCB-1242	NA			NA			ND	(0.0536)	[1]	ND	(0.0536)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	7		008		008	
	08-SW-02 08-SW-02-01	08-SW-03 08-SW-03-01	09-MW-01 09-MW-01-03	09-MW-02 09-MW-02-03	09-MW-01 09-MW-01-03	09-MW-02 09-MW-02-03
	SITE ID					
	LOCATION ID					
	SAMPLE ID					
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)						
PCB-1248	NA	NA	ND	(0.0289)	[1]	ND (0.0289) [1]
PCB-1254	NA	NA	ND	(0.0412)	[1]	ND (0.0412) [1]
PCB-1260	NA	NA	ND	(0.0546)	[1]	ND (0.0546) [1]
Toxaphene	NA	NA	ND	(0.0351)	[1]	ND (0.0351) [1]
alpha-BHC	NA	NA	ND	(0.00186)	[1]	ND (0.00206) [1]
beta-BHC	NA	NA	ND	(0.00680)	[1]	ND (0.00680) [1]
delta-BHC	NA	NA	ND	(0.00258)	[1]	ND (0.00258) [1]
gamma-BHC(Lindane)	NA	NA	0.0122	(0.00330)	[1]	0.0115 B (0.00330) [1]
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	ND (0.571)	(0.594)	ND	(0.587)	[1]	ND (0.590) [1]
1,2-Dichlorobenzene	ND (0.617)	(0.641)	ND	(0.637)	[1]	ND (0.640) [1]
1,3-Dichlorobenzene	ND (0.696)	(0.724)	ND	(0.716)	[1]	ND (0.720) [1]
1,4-Dichlorobenzene	ND (0.571)	(0.594)	ND	(0.587)	[1]	ND (0.590) [1]
2,4,5-Trichloropheno	ND (0.494)	(0.514)	ND	(0.507)	[1]	ND (0.510) [1]
2,4,6-Trichloropheno	ND (0.491)	(0.511)	ND	(0.498)	[1]	ND (0.500) [1]
2,4-Dichloropheno	ND (0.552)	(0.575)	ND	(0.567)	[1]	ND (0.570) [1]
2,4-Dimethylpheno	ND (1.26)	(1.31)	ND	(1.29)	[1]	ND (1.30) [1]
2,4-Dinitrophenol	ND (4.06)	(4.22)	ND	(4.18)	[1]	ND (4.20) [1]
2,4-Dinitrotoluene	ND (0.574)	(0.597)	ND	(0.587)	[1]	ND (0.590) [1]
2,6-Dinitrotoluene	ND (0.836)	(0.870)	ND	(0.856)	[1]	ND (0.860) [1]
2-Chloronaphthalene	ND (0.381)	(0.396)	ND	(0.388)	[1]	ND (0.390) [1]
2-Chloropheno	ND (0.617)	(0.641)	ND	(0.637)	[1]	ND (0.640) [1]
2-Methylnaphthalene	ND (0.353)	(0.368)	ND	(0.358)	[1]	ND (0.360) [1]
2-Methylpheno (o-cresol)	ND (0.301)	(0.313)	ND	(0.308)	[1]	ND (0.310) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID													
	7			008			008			008				
	LOCATION ID	CONC.	DIL.	LOCATION ID	CONC.	DIL.	LOCATION ID	CONC.	DIL.	LOCATION ID	CONC.	DIL.		
SW8270 - Semivolatile Organics, cont. (ug/L)														
2-Nitroaniline	08-SW-02	ND	[1]	08-SW-03	(0.670)	[1]	09-MW-01	ND	(0.657)	[1]	09-MW-02	ND	(0.660)	[1]
2-Nitrophenol	08-SW-02-01	(0.644)	[1]	(0.527)	[1]	(0.517)	[1]	(0.520)	[1]	(0.328)	[1]	(0.520)	[1]	
3,3'-Dichlorobenzidine		(0.507)	[1]	(0.336)	[1]	(0.388)	[1]	(0.330)	[1]	(0.390)	[1]	(0.330)	[1]	
3-Nitroaniline		(0.323)	[1]	(0.397)	[1]	(0.428)	[1]	(0.390)	[1]	(0.430)	[1]	(0.390)	[1]	
4,6-Dinitro-2-methylphenol		(0.382)	[1]	(0.434)	[1]	(0.488)	[1]	(0.430)	[1]	(0.490)	[1]	(0.430)	[1]	
4-Bromophenyl phenyl ether		(0.417)	[1]	(0.489)	[1]	(0.517)	[1]	(0.490)	[1]	(0.520)	[1]	(0.490)	[1]	
4-Chloro-3-methylphenol		(0.470)	[1]	(0.520)	[1]	(0.736)	[1]	(0.520)	[1]	(0.740)	[1]	(0.520)	[1]	
4-Chloroaniline		(0.500)	[1]	(0.753)	[1]	(0.418)	[1]	(0.740)	[1]	(0.420)	[1]	(0.740)	[1]	
4-Chlorophenyl phenyl ether		(0.723)	[1]	(0.425)	[1]	(0.458)	[1]	(0.420)	[1]	(0.460)	[1]	(0.420)	[1]	
4-Methylphenol(p-cresol)		(0.409)	[1]	(0.464)	[1]	(0.607)	[1]	(0.460)	[1]	(0.610)	[1]	(0.460)	[1]	
4-Nitroaniline		(0.446)	[1]	(0.612)	[1]	(0.935)	[1]	(0.610)	[1]	(0.940)	[1]	(0.610)	[1]	
4-Nitrophenol		(0.588)	[1]	(0.946)	[1]	(0.269)	[1]	(0.940)	[1]	(0.270)	[1]	(0.940)	[1]	
Acenaphthene		(0.910)	[1]	(0.275)	[1]	(0.418)	[1]	(0.270)	[1]	(0.420)	[1]	(0.270)	[1]	
Acenaphthylene		(0.264)	[1]	(0.422)	[1]	(0.368)	[1]	(0.420)	[1]	(0.370)	[1]	(0.420)	[1]	
Anthracene		(0.406)	[1]	(0.372)	[1]	(0.448)	[1]	(0.370)	[1]	(0.450)	[1]	(0.370)	[1]	
Benzo(a)anthracene		(0.357)	[1]	(0.454)	[1]	(0.517)	[1]	(0.450)	[1]	(0.520)	[1]	(0.450)	[1]	
Benzo(a)pyrene		(0.436)	[1]	(0.523)	[1]	(0.905)	[1]	(0.520)	[1]	(0.910)	[1]	(0.520)	[1]	
Benzo(b)fluoranthene		(0.503)	[1]	(0.917)	[1]	(0.995)	[1]	(0.910)	[1]	(1.00)	[1]	(0.910)	[1]	
Benzo(g,h,i)perylene		(0.882)	[1]	(1.03)	[1]	(0.995)	[1]	(1.00)	[1]	(1.00)	[1]	(1.00)	[1]	
Benzo(k)fluoranthene		(0.990)	[1]	(1.01)	[1]	(38.8)	[1]	(1.00)	[1]	(39.0)	[1]	(1.00)	[1]	
Benzoic acid		(0.970)	[1]	(39.0)	[1]	(0.607)	[1]	(39.0)	[1]	(0.610)	[1]	(39.0)	[1]	
Benzyol alcohol		(37.5)	[1]	(0.616)	[1]	(0.617)	[1]	(0.610)	[1]	(0.620)	[1]	(0.610)	[1]	
Benzyol alcohol		(0.592)	[1]	(0.631)	[1]	(0.537)	[1]	(0.620)	[1]	(0.540)	[1]	(0.620)	[1]	
Butylbenzylphthalate		(0.607)	[1]	(0.542)	[1]	(0.318)	[1]	(0.540)	[1]	(0.320)	[1]	(0.540)	[1]	
Chrysene		(0.521)	[1]	(0.327)	[1]									
Di-n-butylphthalate		(0.315)	[1]											

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	7		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND	(0.342)	ND	(0.356)	ND	(0.348)
Dibenz(a,h)anthracene	ND	(0.787)	ND	(0.819)	ND	(0.806)
Dibenzofuran	ND	(0.521)	ND	(0.542)	ND	(0.537)
Diethylphthalate	ND	(0.500)	ND	(0.520)	ND	(0.517)
Dimethylphthalate	ND	(0.326)	ND	(0.339)	ND	(0.338)
Diphenylamine/N-NitrosodPA	ND	(0.261)	ND	(0.272)	NA	
Fluoranthene	ND	(0.457)	ND	(0.476)	ND	(0.468)
Fluorene	ND	(0.369)	ND	(0.384)	ND	(0.378)
Hexachlorobenzene	ND	(0.305)	ND	(0.317)	ND	(0.308)
Hexachlorobutadiene	ND	(0.497)	ND	(0.517)	ND	(0.507)
Hexachlorocyclopentadiene	ND	(5.72)	ND	(5.95)	ND	(5.87)
Hexachloroethane	ND	(0.617)	ND	(0.641)	ND	(0.627)
Indeno(1,2,3-cd)pyrene	ND	(1.29)	ND	(1.34)	ND	(1.29)
Isophorone	ND	(0.598)	ND	(0.622)	ND	(0.617)
N-Nitroso-di-n-propylamine	ND	(0.635)	ND	(0.661)	ND	(0.647)
N-Nitrosodiphenylamine	NA		NA		ND	(0.269)
Naphthalene	ND	(0.464)	ND	(0.483)	ND	(0.478)
Nitrobenzene	ND	(0.817)	ND	(0.851)	ND	(0.836)
Pentachloropheno]	ND	(0.863)	ND	(0.898)	ND	(0.886)
Phenanthrene	ND	(0.454)	ND	(0.473)	ND	(0.468)
Phenol	ND	(0.857)	ND	(0.892)	ND	(0.876)
Pyrene	ND	(0.396)	ND	(0.412)	ND	(0.408)
bis(2-Chloroethoxy)methane	ND	(0.588)	ND	(0.612)	ND	(0.607)
bis(2-Chloroethyl)ether	ND	(0.372)	ND	(0.387)	ND	(0.378)
bis(2-Chloroisopropyl)ether	ND	(0.775)	ND	(0.806)	ND	(0.796)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	7	008		
	08-SW-02	09-MW-02		
	08-SW-02-01	09-MW-02-03		
	7	008		
	08-SW-03	09-MW-01		
	08-SW-03-01	09-MW-01-03		
	ND (0.564) [1]	ND (0.587) [1]	ND (0.577) [1]	ND (0.580) [1]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008				008				008			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
Diesel Range Organics (ug/L)	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04	09-MW-05	09-MW-06
Diesel Range Organics	10.0 JB (200)	7.00 JB (200)	1.00 JB (200)	1.00 JB (200)	10.0 JB (200)	7.00 JB (200)	1.00 JB (200)	1.00 JB (200)	10.0 JB (200)	7.00 JB (200)	1.00 JB (200)	1.00 JB (200)
Gasoline Range Organics (ug/L)	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04	09-MW-05	09-MW-06
Gasoline Range Organics	37.0 JB (100)	44.0 JB (100)	37.0 JB (100)	38.0 JB (100)	37.0 JB (100)	44.0 JB (100)	37.0 JB (100)	38.0 JB (100)	37.0 JB (100)	44.0 JB (100)	37.0 JB (100)	38.0 JB (100)
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)	ND (0.0400)
1,1,1-Trichloroethane	ND (0.0920)	0.123 PB (0.0920)	ND (0.0920)	ND (0.0920)	ND (0.0920)	0.123 PB (0.0920)	ND (0.0920)	ND (0.0920)	ND (0.0920)	0.123 PB (0.0920)	ND (0.0920)	ND (0.0920)
1,1,2,2-Tetrachloroethane	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)
1,1,2-Trichloroethane	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)
1,1-Dichloroethane	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)	ND (0.0480)
1,1-Dichloroethene	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)	ND (0.100)
1,2,3-Trichloropropane	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)
1,2-Dichlorobenzene	ND (0.170)	ND (0.0950)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.0950)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.0950)	ND (0.170)	ND (0.170)
1,2-Dichloroethane	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)	ND (0.0540)
1,2-Dichloropropane	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)	ND (0.0750)
1,3-Dichlorobenzene	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)	ND (0.150)
1,4-Dichlorobenzene	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)	ND (0.190)
1-Chlorohexane	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)	ND (0.120)
2-Chloroethyl vinyl ether	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)	ND (0.170)
Bromobenzene	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)	ND (0.530)
Bromodichloromethane	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)	ND (0.0680)
Bromomethane	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)	ND (0.0560)
Carbon tetrachloride	0.0120 PJ (0.110)	ND (0.110)	ND (0.110)	ND (0.110)	0.0120 PJ (0.110)	ND (0.110)	ND (0.110)	ND (0.110)	0.0120 PJ (0.110)	ND (0.110)	ND (0.110)	ND (0.110)
Chlorobenzene	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)	ND (0.140)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID														
	008			008			008			008					
	09-MW-03	09-MW-04	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04	09-MW-05	09-MW-06	09-MW-03	09-MW-04			
SW8010 - Halogenated Volatile Organics, cont. (ug/L)															
Chloroethane	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Chloroform	ND	(0.0850)	[1]	ND	(0.0850)	[1]	ND	(0.0850)	[1]	ND	(0.0850)	[1]	ND	(0.0850)	[1]
Chloromethane	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]	ND	(0.150)	[1]
Dibromochloromethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
Dibromomethane	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]
Methylene chloride	ND	(0.220)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]	ND	(0.220)	[1]
Tetrachloroethene	ND	(0.0750)	[1]	ND	(0.100)	[1]	ND	(0.0750)	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
Tribromomethane(Bromoform)	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]	ND	(0.140)	[1]
Trichloroethene	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Trichlorofluoromethane	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]	ND	(0.0750)	[1]
Vinyl chloride	ND	(0.200)	[1]	ND	(0.150)	[1]	ND	(0.200)	[1]	ND	(0.200)	[1]	ND	(0.200)	[1]
cis-1,3-Dichloropropene	ND	(0.0740)	[1]	ND	(0.0740)	[1]	ND	(0.0740)	[1]	ND	(0.0740)	[1]	ND	(0.0740)	[1]
trans-1,2-Dichloroethene	ND	(0.100)	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]	ND	(0.100)	[1]
trans-1,3-Dichloropropene	ND	(0.0570)	[1]	ND	(0.0570)	[1]	ND	(0.0570)	[1]	ND	(0.0570)	[1]	ND	(0.0570)	[1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)															
2-Butanone(MEK)	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]	ND	(2.40)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]	ND	(1.50)	[1]
Ethanol	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]	ND	(0.300)	[1]
Ethyl ether	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.20)	[1]	ND	(1.20)	[1]
SW8020 - Aromatic Volatile Organics (ug/L)															
1,2-Dichlorobenzene	ND	(0.0710)	[1]	0.0515	PJB (0.0710)	[1]	0.0838	PJB (0.120)	[1]	ND	(0.0710)	[1]	ND	(0.0710)	[1]
1,3-Dichlorobenzene	ND	(0.0990)	[1]	0.124	(0.0990)	[1]	ND	(0.130)	[1]	ND	(0.0990)	[1]	ND	(0.0990)	[1]
1,4-Dichlorobenzene	ND	(0.0950)	[1]	0.190	(0.0950)	[1]	0.0645	JB (0.0950)	[1]	ND	(0.0950)	[1]	ND	(0.0950)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID

SW8020 - Aromatic Volatile Organics, cont. (ug/L)						
Benzene	0.0654 JB (0.0700)	[1]	8.46 (0.0700)	[1]	ND (0.100)	ND (0.100) [1]
Chlorobenzene	ND (0.0450)	[1]	ND (0.0450)	[1]	ND (0.130)	ND (0.130) [1]
Ethylbenzene	ND (0.0680)	[1]	ND (0.0680)	[1]	0.0490 JB (0.0680)	ND (0.0680) [1]
Toluene	0.0865 B (0.0480)	[1]	0.0518 B (0.0480)	[1]	0.0698 B (0.0480)	0.108 B (0.0480) [1]
Xylene (total)	0.0398 JB (0.0850)	[1]	0.588 B (0.0850)	[1]	0.0779 JB (0.0850)	ND (0.0850) [1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	ND (0.00769)	[1]	ND (0.00769)	[1]	ND (0.00769)	ND (0.00769) [1]
4,4'-DDE	ND (0.00519)	[1]	ND (0.00519)	[1]	ND (0.00519)	0.0100 B (0.00519) [1]
4,4'-DDT	ND (0.00962)	[1]	ND (0.00962)	[1]	ND (0.00962)	ND (0.00962) [1]
Aldrin	ND (0.00894)	[1]	ND (0.00894)	[1]	ND (0.00894)	ND (0.00336) [1]
Chlordane	ND (0.0288)	[1]	ND (0.0288)	[1]	ND (0.0288)	ND (0.0288) [1]
Dieldrin	ND (0.00769)	[1]	ND (0.00769)	[1]	ND (0.00769)	ND (0.00769) [1]
Endosulfan I	ND (0.00596)	[1]	ND (0.00596)	[1]	ND (0.00596)	ND (0.00596) [1]
Endosulfan II	ND (0.00481)	[1]	ND (0.00481)	[1]	ND (0.00481)	ND (0.00481) [1]
Endosulfan Sulfate	0.00910 JB (0.0135)	[1]	0.00880 JB (0.0135)	[1]	0.00910 JB (0.0135)	0.0105 JB (0.0135) [1]
Endrin	ND (0.0115)	[1]	ND (0.0115)	[1]	ND (0.0115)	ND (0.0115) [1]
Endrin Aldehyde	ND (0.00635)	[1]	ND (0.00635)	[1]	ND (0.00635)	ND (0.00635) [1]
Heptachlor	ND (0.00519)	[1]	ND (0.00519)	[1]	ND (0.00519)	0.0161 (0.00519) [1]
Heptachlor epoxide	0.0132 B (0.00327)	[1]	ND (0.0240)	[1]	0.00870 B (0.00327)	0.00820 B (0.00327) [1]
Methoxychlor	ND (0.0471)	[1]	ND (0.0471)	[1]	ND (0.0471)	ND (0.0471) [1]
PCB-1016	ND (0.0962)	[1]	ND (0.0962)	[1]	ND (0.0962)	ND (0.0962) [1]
PCB-1221	ND (0.183)	[1]	ND (0.183)	[1]	ND (0.183)	ND (0.183) [1]
PCB-1232	ND (0.0538)	[1]	ND (0.0538)	[1]	ND (0.0538)	ND (0.0538) [1]
PCB-1242	ND (0.0558)	[1]	ND (0.0558)	[1]	ND (0.0558)	ND (0.0558) [1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-88

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	CONC. (ug/L)	LOCATION ID	CONC. (ug/L)	LOCATION ID	CONC. (ug/L)
SW8080 - Organochlorine Pesticides and PCBs, cont.						
PCB-1248	09-MW-03	ND (0.144)	09-MW-04	ND (0.144)	09-MW-05	ND (0.144)
PCB-1254	09-MW-03	ND (0.0760)	09-MW-04	ND (0.0760)	09-MW-05	ND (0.0760)
PCB-1260	09-MW-03	ND (0.0433)	09-MW-04	ND (0.0433)	09-MW-05	ND (0.0433)
Toxaphene	09-MW-03	ND (0.00962)	09-MW-04	ND (0.00962)	09-MW-05	ND (0.00962)
alpha-BHC	09-MW-03	ND (0.00385)	09-MW-04	ND (0.00385)	09-MW-05	ND (0.00385)
beta-BHC	09-MW-03	ND (0.00615)	09-MW-04	ND (0.00615)	09-MW-05	ND (0.00615)
delta-BHC	09-MW-03	ND (0.00212)	09-MW-04	ND (0.00212)	09-MW-05	ND (0.00212)
gamma-BHC(Lindane)	09-MW-03	ND (0.00442)	09-MW-04	ND (0.0125)	09-MW-05	ND (0.0125)
SW8270 - Semivolatile Organics (ug/L)						
1,2,4-Trichlorobenzene	09-MW-03	ND (0.590)	09-MW-04	ND (0.593)	09-MW-05	ND (0.621)
1,2-Dichlorobenzene	09-MW-03	ND (0.640)	09-MW-04	ND (0.643)	09-MW-05	ND (0.674)
1,3-Dichlorobenzene	09-MW-03	ND (0.720)	09-MW-04	ND (0.724)	09-MW-05	ND (0.758)
1,4-Dichlorobenzene	09-MW-03	ND (0.590)	09-MW-04	ND (0.593)	09-MW-05	ND (0.621)
2,4,5-Trichloropheno1	09-MW-03	ND (0.510)	09-MW-04	ND (0.513)	09-MW-05	ND (0.537)
2,4,6-Trichloropheno1	09-MW-03	ND (0.500)	09-MW-04	ND (0.503)	09-MW-05	ND (0.526)
2,4-Dichloropheno1	09-MW-03	ND (0.570)	09-MW-04	ND (0.573)	09-MW-05	ND (0.600)
2,4-Dimethylphenol	09-MW-03	ND (1.30)	09-MW-04	ND (1.31)	09-MW-05	ND (1.37)
2,4-Dinitrophenol	09-MW-03	ND (4.20)	09-MW-04	ND (4.22)	09-MW-05	ND (4.42)
2,4-Dinitrotoluene	09-MW-03	ND (0.590)	09-MW-04	ND (0.593)	09-MW-05	ND (0.621)
2,6-Dinitrotoluene	09-MW-03	ND (0.860)	09-MW-04	ND (0.864)	09-MW-05	ND (0.905)
2-Chloronaphthalene	09-MW-03	ND (0.390)	09-MW-04	ND (0.392)	09-MW-05	ND (0.411)
2-Chloropheno1	09-MW-03	ND (0.640)	09-MW-04	ND (0.643)	09-MW-05	ND (0.674)
2-Methylnaphthalene	09-MW-03	ND (0.360)	09-MW-04	ND (0.362)	09-MW-05	ND (0.379)
2-Methylphenol (o-cresol)	09-MW-03	ND (0.310)	09-MW-04	ND (0.312)	09-MW-05	ND (0.326)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008			008			008		
	09-MW-03-03			09-MW-04-03			09-MW-05-03		
	LOCATION ID	CONCENTRATION (ug/L)	STATUS	LOCATION ID	CONCENTRATION (ug/L)	STATUS	LOCATION ID	CONCENTRATION (ug/L)	STATUS
SW8270 - Semivolatile Organics, cont. (ug/L)									
2-Nitroaniline	ND	(0.660)	[1]	ND	(0.663)	[1]	ND	(0.695)	[1]
2-Nitrophenol	ND	(0.520)	[1]	ND	(0.523)	[1]	ND	(0.547)	[1]
3,3'-Dichlorobenzidine	ND	(0.330)	[1]	ND	(0.332)	[1]	ND	(0.347)	[1]
3-Nitroaniline	ND	(0.390)	[1]	ND	(0.392)	[1]	ND	(0.411)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.430)	[1]	ND	(0.432)	[1]	ND	(0.453)	[1]
4-Bromophenyl phenyl ether	ND	(0.490)	[1]	ND	(0.492)	[1]	ND	(0.516)	[1]
4-Chloro-3-methylphenol	ND	(0.520)	[1]	ND	(0.523)	[1]	ND	(0.547)	[1]
4-Chloroaniline	ND	(0.740)	[1]	ND	(0.744)	[1]	ND	(0.779)	[1]
4-Chlorophenyl phenyl ether	ND	(0.420)	[1]	ND	(0.422)	[1]	ND	(0.442)	[1]
4-Methylphenol(p-cresol)	ND	(0.460)	[1]	ND	(0.462)	[1]	ND	(0.484)	[1]
4-Nitroaniline	ND	(0.610)	[1]	ND	(0.613)	[1]	ND	(0.642)	[1]
4-Nitrophenol	ND	(0.940)	[1]	ND	(0.945)	[1]	ND	(0.989)	[1]
Acenaphthene	ND	(0.270)	[1]	ND	(0.271)	[1]	ND	(0.284)	[1]
Acenaphthylene	ND	(0.420)	[1]	ND	(0.422)	[1]	ND	(0.442)	[1]
Anthracene	ND	(0.370)	[1]	ND	(0.372)	[1]	ND	(0.389)	[1]
Benzo(a)anthracene	ND	(0.450)	[1]	ND	(0.452)	[1]	ND	(0.474)	[1]
Benzo(a)pyrene	ND	(0.520)	[1]	ND	(0.523)	[1]	ND	(0.547)	[1]
Benzo(b)fluoranthene	ND	(0.910)	[1]	ND	(0.915)	[1]	ND	(0.958)	[1]
Benzo(g,h,i)perylene	ND	(1.00)	[1]	ND	(1.01)	[1]	ND	(1.05)	[1]
Benzo(k)fluoranthene	ND	(1.00)	[1]	ND	(1.01)	[1]	ND	(1.05)	[1]
Benzoic acid	ND	(39.0)	[1]	ND	(39.2)	[1]	ND	(41.1)	[1]
Benzyl alcohol	ND	(0.610)	[1]	ND	(0.613)	[1]	ND	(0.642)	[1]
Butylbenzylphthalate	ND	(0.620)	[1]	ND	(0.623)	[1]	ND	(0.653)	[1]
Chrysene	ND	(0.540)	[1]	ND	(0.543)	[1]	ND	(0.568)	[1]
Di-n-butylphthalate	ND	(0.320)	[1]	ND	(0.322)	[1]	ND	(0.337)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			008			008		
	LOCATION ID	09-MW-03	09-MW-04	LOCATION ID	09-MW-04	09-MW-05	LOCATION ID	09-MW-05	09-MW-06	LOCATION ID	09-MW-06	09-MW-06-03
SAMPLE ID	09-MW-03-03	09-MW-04-03	SAMPLE ID	09-MW-04-03	09-MW-05-03	SAMPLE ID	09-MW-05-03	09-MW-06-03	SAMPLE ID	09-MW-06-03	09-MW-06-03	
SW8270 - Semivolatile Organics, cont. (ug/L)												
Di-n-octylphthalate	ND	(0.350)	[1]	ND	(0.352)	[1]	ND	(0.368)	[1]	ND	(0.368)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.814)	[1]	ND	(0.853)	[1]	ND	(0.853)	[1]
Dibenzofuran	ND	(0.540)	[1]	ND	(0.543)	[1]	ND	(0.568)	[1]	ND	(0.568)	[1]
Diethylphthalate	ND	(0.520)	[1]	ND	(0.523)	[1]	ND	(0.547)	[1]	ND	(0.547)	[1]
Dimethylphthalate	ND	(0.340)	[1]	ND	(0.342)	[1]	ND	(0.358)	[1]	ND	(0.358)	[1]
Fluoranthene	ND	(0.470)	[1]	ND	(0.472)	[1]	ND	(0.495)	[1]	ND	(0.495)	[1]
Fluorene	ND	(0.380)	[1]	ND	(0.382)	[1]	ND	(0.400)	[1]	ND	(0.400)	[1]
Hexachlorobenzene	ND	(0.310)	[1]	ND	(0.312)	[1]	ND	(0.326)	[1]	ND	(0.326)	[1]
Hexachlorocyclopentadiene	ND	(0.510)	[1]	ND	(0.513)	[1]	ND	(0.537)	[1]	ND	(0.537)	[1]
Hexachlorobutadiene	ND	(5.90)	[1]	ND	(5.93)	[1]	ND	(6.21)	[1]	ND	(6.21)	[1]
Hexachloroethane	ND	(0.630)	[1]	ND	(0.633)	[1]	ND	(0.663)	[1]	ND	(0.663)	[1]
Indeno(1,2,3-cd)pyrene	ND	(1.30)	[1]	ND	(1.31)	[1]	ND	(1.37)	[1]	ND	(1.37)	[1]
Isophorone	ND	(0.620)	[1]	ND	(0.623)	[1]	ND	(0.653)	[1]	ND	(0.653)	[1]
N-Nitroso-di-n-propylamine	ND	(0.650)	[1]	ND	(0.653)	[1]	ND	(0.684)	[1]	ND	(0.684)	[1]
N-Nitrosodiphenylamine	ND	(0.270)	[1]	ND	(0.271)	[1]	ND	(0.284)	[1]	ND	(0.284)	[1]
Naphthalene	ND	(0.480)	[1]	ND	(0.482)	[1]	ND	(0.505)	[1]	ND	(0.505)	[1]
Nitrobenzene	ND	(0.840)	[1]	ND	(0.844)	[1]	ND	(0.884)	[1]	ND	(0.884)	[1]
Pentachloropheno1	ND	(0.890)	[1]	ND	(0.894)	[1]	ND	(0.937)	[1]	ND	(0.937)	[1]
Phenanthrene	ND	(0.470)	[1]	ND	(0.472)	[1]	ND	(0.495)	[1]	ND	(0.495)	[1]
Pheno1	ND	(0.880)	[1]	ND	(0.884)	[1]	ND	(0.926)	[1]	ND	(0.926)	[1]
Pyrene	ND	(0.410)	[1]	ND	(0.412)	[1]	ND	(0.432)	[1]	ND	(0.432)	[1]
bis(2-Chloroethoxy)methane	ND	(0.610)	[1]	ND	(0.613)	[1]	ND	(0.642)	[1]	ND	(0.642)	[1]
bis(2-Chloroethyl) ether	ND	(0.380)	[1]	ND	(0.382)	[1]	ND	(0.400)	[1]	ND	(0.400)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.800)	[1]	ND	(0.804)	[1]	ND	(0.842)	[1]	ND	(0.842)	[1]
bis(2-Ethylhexyl)phthalate	1.11 B	(0.580)	[1]	0.257 JB	(0.583)	[1]	ND	(0.611)	[1]	ND	(0.611)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	LOCATION ID	SAMPLE ID
	008	09-MW-03	09-MW-03-03
	008	09-MW-04	09-MW-04-03
	008	09-MW-05	09-MW-05-03
	008	09-MW-06	09-MW-06-03

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	09-MW-15		008		008		008		008		008	
	09-MW-15-01	3.00 JB (200)	09-MW-15-01	3.00 JB (200)	10-GP-01	6.00 JB (200)	10-GP-01-01	10-GP-01-01	10-GP-02	3.00 JB (200)	10-MW-01	13.0 JB (200)
Diesel Range Organics (ug/L)		[1]		[1]		[1]		[1]		[1]		[1]
Diesel Range Organics												
Gasoline Range Organics (ug/L)		[1]		[1]		[1]		[1]		[1]		[1]
Gasoline Range Organics												
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND (0.0219)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0285) [1]
1,1,1-Trichloroethane	ND (0.147)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0920) [1]
1,1,2,2-Tetrachloroethane	ND (0.144)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0427) [1]
1,1,2-Trichloroethane	ND (0.0454)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0172) [1]
1,1-Dichloroethane	ND (0.0222)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0729) [1]
1,1-Dichloroethene	ND (0.112)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0568) [1]
1,2,3-Trichloropropane	ND (0.109)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0367) [1]
1,2-Dichlorobenzene	ND (0.0949)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0288) [1]
1,2-Dichloroethane	ND (0.0823)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0286) [1]
1,2-Dichloropropane	ND (0.0228)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0320) [1]
1,3-Dichlorobenzene	ND (0.0878)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0902) [1]
1,4-Dichlorobenzene	ND (0.0908)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0322) [1]
1-Chlorohexane	ND (0.0404)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0957) [1]
2-Chloroethyl vinyl ether	ND (0.101)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.170) [1]
Bromobenzene	ND (0.0451)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0693) [1]
Bromodichloromethane	ND (0.0886)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0150) [1]
Bromomethane	ND (0.0858)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.161) [1]
Carbon tetrachloride	ND (0.0854)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0444) [1]
Chlorobenzene	ND (0.124)	[1]	NA	[1]	NA	[1]	NA	[1]	NA	[1]	ND	(0.0301) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8010 - Halogenated Volatile Organics, cont. (ug/L)						
Chloroethane	ND (0.0800)	[1]	NA		NA	
Chloroform	ND (0.0258)	[1]	NA		NA	
Chloromethane	ND (0.151)	[1]	NA		NA	
Dibromochloromethane	ND (0.0820)	[1]	NA		NA	
Dibromomethane	ND (0.0742)	[1]	NA		NA	
Methylene chloride	0.445 TB (0.0842)	[1]	NA		NA	
Tetrachloroethene	ND (0.0750)	[1]	NA		NA	
Tribromomethane (Bromoform)	ND (0.0944)	[1]	NA		NA	
Trichloroethene	ND (0.0732)	[1]	NA		NA	
Trichlorofluoromethane	ND (0.0980)	[1]	NA		NA	
Vinyl chloride	ND (0.151)	[1]	NA		NA	
cis-1,3-Dichloropropene	ND (0.0804)	[1]	NA		NA	
trans-1,2-Dichloroethene	ND (0.0870)	[1]	NA		NA	
trans-1,3-Dichloropropene	ND (0.0719)	[1]	NA		NA	
SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone (MEK)	ND (2.38)	[1]	NA		NA	
4-Methyl-2-pentanone (MIBK)	ND (1.46)	[1]	NA		NA	
Ethanol	ND (0.301)	[1]	NA		NA	
Ethyl ether	ND (1.16)	[1]	NA		NA	
SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	ND (0.0784)	[1]	NA		NA	
1,3-Dichlorobenzene	ND (0.0780)	[1]	NA		NA	
1,4-Dichlorobenzene	ND (0.0711)	[1]	NA		NA	

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID
	008	008	008
	09-MW-15	10-GP-01	10-MW-01
	09-MW-15-01	10-GP-01-01	10-MW-01-03

SW8020 - Aromatic Volatile Organics, cont. (ug/L)			
Benzene	5.49 (0.0832) [1]	NA	0.476 B (0.0830) [1]
Chlorobenzene	ND (0.0802) [1]	NA	ND (0.130) [1]
Ethylbenzene	0.0166 KJB (0.0436) [1]	NA	0.0355 JB (0.0810) [1]
Toluene	0.0907 B (0.0813) [1]	NA	0.113 B (0.0810) [1]
Xylene (total)	0.0344 JB (0.0811) [1]	NA	0.167 B (0.0810) [1]

SW8080 - Organochlorine Pesticides and PCBs (ug/L)			
4,4'-DDD	NA	NA	ND (0.00922) [1]
4,4'-DDE	NA	NA	ND (0.00647) [1]
4,4'-DDT	NA	NA	ND (0.00980) [1]
Aldrin	NA	NA	ND (0.00912) [1]
Chlordane	NA	NA	ND (0.0294) [1]
Dieldrin	NA	NA	ND (0.00784) [1]
Endosulfan I	NA	NA	ND (0.00608) [1]
Endosulfan II	NA	NA	ND (0.00529) [1]
Endosulfan Sulfate	NA	NA	0.00990 JB (0.0137) [1]
Endrin	NA	NA	ND (0.0118) [1]
Endrin Aldehyde	NA	NA	ND (0.00647) [1]
Heptachlor	NA	NA	ND (0.0324) [1]
Heptachlor epoxide	NA	NA	ND (0.0245) [1]
Methoxychlor	NA	NA	ND (0.0480) [1]
PCB-1016	NA	NA	ND (0.0980) [1]
PCB-1221	NA	NA	ND (0.186) [1]
PCB-1232	NA	NA	ND (0.0549) [1]
PCB-1242	NA	NA	ND (0.0569) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	008	008	008	008
	09-MW-15	10-GP-01	10-GP-02	10-MW-01
	09-MW-15-01	10-GP-01-01	10-GP-02-01	10-MW-01-03
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
PCB-1248	NA	NA	NA	ND (0.147) [1]
PCB-1254	NA	NA	NA	ND (0.0774) [1]
PCB-1260	NA	NA	NA	ND (0.0441) [1]
Toxaphene	NA	NA	NA	ND (0.00980) [1]
alpha-BHC	NA	NA	NA	ND (0.00392) [1]
beta-BHC	NA	NA	NA	ND (0.00627) [1]
delta-BHC	NA	NA	NA	ND (0.00216) [1]
gamma-BHC(Lindane)	NA	NA	NA	ND (0.00451) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.622) [1]	NA	NA	ND (0.596) [1]
1,2-Dichlorobenzene	ND (0.820) [1]	NA	NA	ND (0.646) [1]
1,3-Dichlorobenzene	ND (0.417) [1]	NA	NA	ND (0.727) [1]
1,4-Dichlorobenzene	ND (0.851) [1]	NA	NA	ND (0.596) [1]
2,4,5-Trichloropheno1	ND (0.347) [1]	NA	NA	ND (0.515) [1]
2,4,6-Trichloropheno1	ND (0.367) [1]	NA	NA	ND (0.505) [1]
2,4-Dichloropheno1	ND (0.466) [1]	NA	NA	ND (0.576) [1]
2,4-Dimethylpheno1	ND (1.16) [1]	NA	NA	ND (1.31) [1]
2,4-Dinitrophenol	ND (7.37) [1]	NA	NA	ND (4.24) [1]
2,4-Dinitrotoluene	ND (0.579) [1]	NA	NA	ND (0.596) [1]
2,6-Dinitrotoluene	ND (0.364) [1]	NA	NA	ND (0.869) [1]
2-Chloronaphthalene	ND (0.341) [1]	NA	NA	ND (0.394) [1]
2-Chloropheno1	ND (0.804) [1]	NA	NA	ND (0.646) [1]
2-Methylnaphthalene	ND (0.695) [1]	NA	NA	ND (0.364) [1]
2-Methylpheno1 (o-cresol)	ND (0.562) [1]	NA	NA	ND (0.313) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7 ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	09-MW-15		10-GP-01		10-GP-02	
	09-MW-15-01	09-MW-15-01	10-GP-01-01	10-GP-01-01	10-GP-02-01	10-GP-02-01
SW8270 - Semivolatile Organics, cont. (ug/L)						
2-Nitroaniline	ND	(0.423)	NA	NA	NA	ND (0.667) [1]
2-Nitrophenol	ND	(0.463)	NA	NA	NA	ND (0.525) [1]
3,3'-Dichlorobenzidine	ND	(0.516)	NA	NA	NA	ND (0.333) [1]
3-Nitroaniline	ND	(0.536)	NA	NA	NA	ND (0.394) [1]
4,6-Dinitro-2-methylphenol	ND	(0.834)	NA	NA	NA	ND (0.434) [1]
4-Bromophenyl phenyl ether	ND	(0.480)	NA	NA	NA	ND (0.495) [1]
4-Chloro-3-methylphenol	ND	(0.761)	NA	NA	NA	ND (0.525) [1]
4-Chloroaniline	ND	(0.588)	NA	NA	NA	ND (0.747) [1]
4-Chlorophenyl phenyl ether	ND	(0.556)	NA	NA	NA	ND (0.424) [1]
4-Methylphenol(p-cresol)	ND	(0.605)	NA	NA	NA	ND (0.465) [1]
4-Nitroaniline	ND	(0.509)	NA	NA	NA	ND (0.616) [1]
4-Nitrophenol	ND	(0.727)	NA	NA	NA	ND (0.949) [1]
Acenaphthene	ND	(0.503)	NA	NA	NA	ND (0.273) [1]
Acenaphthylene	ND	(0.238)	NA	NA	NA	ND (0.424) [1]
Anthracene	ND	(0.612)	NA	NA	NA	ND (0.374) [1]
Benzo(a)anthracene	ND	(0.542)	NA	NA	NA	ND (0.455) [1]
Benzo(a)pyrene	ND	(0.403)	NA	NA	NA	ND (0.525) [1]
Benzo(b)fluoranthene	ND	(0.599)	NA	NA	NA	ND (0.919) [1]
Benzo(g,h,i)perylene	ND	(0.513)	NA	NA	NA	ND (1.01) [1]
Benzo(k)fluoranthene	ND	(1.02)	NA	NA	NA	ND (1.01) [1]
Benzoic acid	ND	(4.17)	NA	NA	NA	ND (39.4) [1]
Benzyl alcohol	ND	(1.14)	NA	NA	NA	ND (0.616) [1]
Butylbenzylphthalate	ND	(0.414)	NA	NA	NA	ND (0.626) [1]
Chrysene	ND	(0.704)	NA	NA	NA	ND (0.545) [1]
Di-n-butylphthalate	ND	(0.519)	NA	NA	NA	ND (0.323) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	008		008	
	LOCATION ID SAMPLE ID	09-MW-15 09-MW-15-01	10-GP-01 10-GP-01-01	10-GP-02 10-GP-02-01
SW8270 - Semivolatile Organics, cont. (ug/L)				
Di-n-octylphthalate	ND	(0.959)	NA	NA
Dibenz(a,h)anthracene	ND	(0.499)	NA	ND
Dibenzofuran	ND	(0.429)	NA	ND
Diethylphthalate	ND	(0.354)	NA	ND
Dimethylphthalate	ND	(0.295)	NA	ND
Diphenylamine/N-NitrosodPA	ND	(0.596)	NA	NA
Fluoranthene	ND	(0.672)	NA	ND
Fluorene	ND	(0.354)	NA	ND
Hexachlorobenzene	ND	(0.246)	NA	ND
Hexachlorobutadiene	ND	(0.735)	NA	ND
Hexachlorocyclopentadiene	ND	(9.39)	NA	ND
Hexachloroethane	ND	(0.625)	NA	ND
Indeno(1,2,3-cd)pyrene	ND	(0.553)	NA	ND
Isophorone	ND	(0.302)	NA	ND
N-Nitroso-di-n-propylamine	ND	(0.791)	NA	ND
N-Nitrosodiphenylamine	NA		NA	ND
Naphthalene	ND	(0.767)	NA	ND
Nitrobenzene	ND	(0.556)	NA	ND
Pentachloropheno]	ND	(0.909)	NA	ND
Phenanthrene	ND	(0.655)	NA	ND
Phenol	ND	(0.420)	NA	ND
Pyrene	ND	(0.493)	NA	ND
bis(2-Chloroethoxy)methane	ND	(0.592)	NA	ND
bis(2-Chloroethyl)ether	ND	(0.771)	NA	ND
bis(2-Chloroisopropyl)ether	ND	(0.764)	NA	ND
				(0.354)
				(0.818)
				(0.545)
				(0.525)
				(0.343)
				(0.475)
				(0.384)
				(0.313)
				(0.515)
				(5.96)
				(0.636)
				(1.31)
				(0.626)
				(0.657)
				(0.273)
				(0.485)
				(0.848)
				(0.899)
				(0.475)
				(0.889)
				(0.414)
				(0.616)
				(0.384)
				(0.808)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		DILUTION FACTOR	DETECTION LIMIT	STATUS
	LOCATION ID	SAMPLE ID			
SW8270 - Semivolatile Organics, cont. (ug/L) bis(2-Ethylhexyl)phthalate	09-MW-15	008	[1]	1.93	NA
	09-MW-15-01	10-GP-01	[1]	1.93	NA
		10-GP-01-01			
	10-GP-02	008			NA
	10-GP-02-01	10-GP-02-01			
	10-MW-01	008			184
	10-MW-01-03	10-MW-01-03			(2.93) [5]

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			005			005		
	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL	LOCATION ID	CONC	DIL
Diesel Range Organics (ug/L)	10-MW-02	200	[1]	10-MW-03	200	[1]	10-MW-04	200	[1]	12-MW-01	200	[1]
Diesel Range Organics	10-MW-02-03	(100)	[1]	10-MW-03-03	(100)	[1]	10-MW-04-01	(200)	[1]	12-MW-01-03	(200)	[1]
Gasoline Range Organics (ug/L)		3500	[1]		210	[1]		180	[1]		49.0	[1]
Gasoline Range Organics		(100)	[1]		(100)	[1]		(100)	[1]		(100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0285)	[1]	ND	(0.0400)	[1]	ND	(0.0852)	[1]	ND	(0.0400)	[1]
1,1,1-Trichloroethane	ND	(0.138)	[1]	0.0299	(0.0920)	[1]	ND	(0.166)	[1]	0.163	(0.0920)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.0427)	[1]	ND	(0.100)	[1]	ND	(0.129)	[1]	ND	(0.100)	[1]
1,1,2-Trichloroethane	ND	(0.0172)	[1]	ND	(0.100)	[1]	ND	(0.123)	[1]	ND	(0.100)	[1]
1,1-Dichloroethane	ND	(0.0729)	[1]	0.0667	(0.0480)	[1]	0.184	(0.0666)	[1]	ND	(0.0480)	[1]
1,1-Dichloroethene	ND	(0.0568)	[1]	ND	(0.100)	[1]	ND	(0.0501)	[1]	ND	(0.100)	[1]
1,2,3-Trichloropropane	ND	(0.0367)	[1]	ND	(0.120)	[1]	ND	(0.154)	[1]	ND	(0.120)	[1]
1,2-Dichlorobenzene	ND	(0.0288)	[1]	0.00650	(0.170)	[1]	ND	(0.0893)	[1]	ND	(0.170)	[1]
1,2-Dichloroethane	ND	(0.0286)	[1]	ND	(0.0540)	[1]	ND	(0.0800)	[1]	ND	(0.0540)	[1]
1,2-Dichloropropane	ND	(0.0320)	[1]	ND	(0.0750)	[1]	ND	(0.0457)	[1]	ND	(0.0750)	[1]
1,3-Dichlorobenzene	ND	(0.0902)	[1]	ND	(0.150)	[1]	ND	(0.0688)	[1]	ND	(0.150)	[1]
1,4-Dichlorobenzene	ND	(0.0322)	[1]	0.00450	(0.190)	[1]	ND	(0.0553)	[1]	ND	(0.190)	[1]
1-Chlorohexane	ND	(0.0957)	[1]	0.0162	(0.120)	[1]	0.0309	(0.154)	[1]	ND	(0.120)	[1]
2-Chloroethyl vinyl ether	ND	(0.0281)	[1]	ND	(0.170)	[1]	ND	(0.194)	[1]	ND	(0.170)	[1]
Bromobenzene	ND	(0.0693)	[1]	ND	(0.530)	[1]	ND	(0.132)	[1]	0.645	(0.530)	[1]
Bromodichloromethane	ND	(0.0150)	[1]	ND	(0.0680)	[1]	ND	(0.0448)	[1]	ND	(0.0680)	[1]
Bromomethane	ND	(0.161)	[1]	ND	(0.0860)	[1]	ND	(0.252)	[1]	ND	(0.0560)	[1]
Carbon tetrachloride	ND	(0.0444)	[1]	ND	(0.110)	[1]	ND	(0.0693)	[1]	ND	(0.110)	[1]
Chlorobenzene	ND	(0.0301)	[1]	ND	(0.140)	[1]	ND	(0.0513)	[1]	ND	(0.140)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-03	10-MW-04	10-MW-01	12-MW-01	
	10-MW-02-03	10-MW-03-03	10-MW-04-01	10-MW-01-03		

SW8010 - Halogenated Volatile Organics, cont. (ug/L)						
Chloroethane	ND (0.0499)	[1]	ND (0.110)	[1]	ND (0.115)	[1]
Chloroform	ND (0.0512)	[1]	ND (0.0850)	[1]	ND (0.0533)	[1]
Chloromethane	ND (0.0213)	[1]	ND (0.150)	[1]	ND (0.172)	[1]
Dibromochloromethane	ND (0.0101)	[1]	ND (0.170)	[1]	ND (0.114)	[1]
Dibromomethane	ND (0.0939)	[1]	ND (0.140)	[1]	ND (0.118)	[1]
Methylene chloride	ND (0.0430)	[1]	ND (0.220)	[1]	0.0371 JB (0.0562)	[1]
Tetrachloroethene	ND (0.0381)	[1]	0.00480 KJB (0.100)	[1]	ND (0.0759)	[1]
Tribromomethane (Bromoform)	ND (0.252)	[1]	ND (0.140)	[1]	ND (0.0281)	[1]
Trichloroethene	0.164 (0.0387)	[1]	0.00170 PJB (0.110)	[1]	ND (0.103)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]	ND (0.0750)	[1]	ND (0.0637)	[1]
Vinyl chloride	ND (0.0761)	[1]	ND (0.200)	[1]	ND (0.158)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]	ND (0.0740)	[1]	ND (0.0565)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]	ND (0.100)	[1]	ND (0.0448)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]	ND (0.0570)	[1]	ND (0.117)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)						
2-Butanone(MEK)	ND (2.40)	[1]	ND (2.40)	[1]	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.50)	[1]	ND (1.50)	[1]	ND (1.46)	[1]
Ethanol	ND (0.300)	[1]	ND (0.300)	[1]	ND (0.301)	[1]
Ethyl ether	ND (1.20)	[1]	ND (1.20)	[1]	ND (1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)						
1,2-Dichlorobenzene	27.8 P (1.78)	[25]	1.30 (0.700)	[5]	0.0450 PJB (0.0796)	[1]
1,3-Dichlorobenzene	4.23 P (2.48)	[25]	ND (0.650)	[5]	0.0637 JB (0.0756)	[1]
1,4-Dichlorobenzene	41.3 P (2.38)	[25]	0.500 J (0.650)	[5]	ND (0.0813)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	008				008				005				
	10-MW-02	10-MW-02-03	10-MW-03	10-MW-03-03	10-MW-04	10-MW-04-01	10-MW-04	10-MW-04-01	12-MW-01	12-MW-01-03	12-MW-01	12-MW-01-03	
SW8020 - Aromatic Volatile Organics, cont. (ug/L)													
Benzene	153	(1.75)	[25]	88.1	(0.395)	[5]	35.8	(0.0519)	[1]	0.0412	JB	(0.0790)	[1]
Chlorobenzene	ND	(1.12)	[25]	0.489	PJ (0.600)	[5]	0.0252	PB (0.0140)	[1]	ND		(0.120)	[1]
Ethylbenzene	74.6	(1.70)	[25]	0.146	J (0.600)	[5]	0.0618	B (0.0436)	[1]	0.0642	JB	(0.120)	[1]
Toluene	55.8	(1.20)	[25]	0.156	PJB (0.550)	[5]	0.144	B (0.0647)	[1]	0.0712	JB	(0.110)	[1]
Xylene (total)	403	(2.12)	[25]	15.0	(0.650)	[5]	1.37	B (0.127)	[1]	0.131	B	(0.130)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)													
4,4'-DDD	ND	(0.00800)	[1]	ND	(0.00808)	[1]	NA		[1]	ND		(0.00808)	[1]
4,4'-DDE	ND	(0.00540)	[1]	ND	(0.00545)	[1]	NA		[1]	ND		(0.00545)	[1]
4,4'-DDT	ND	(0.0100)	[1]	ND	(0.0101)	[1]	NA		[1]	ND		(0.0101)	[1]
Aldrin	ND	(0.00350)	[1]	0.0173	(0.00354)	[1]	NA		[1]	ND		(0.00354)	[1]
Chlordane	ND	(0.0300)	[1]	ND	(0.0303)	[1]	NA		[1]	ND		(0.0303)	[1]
Dieldrin	ND	(0.00800)	[1]	ND	(0.00808)	[1]	NA		[1]	ND		(0.00808)	[1]
Endosulfan I	ND	(0.00620)	[1]	ND	(0.00626)	[1]	NA		[1]	ND		(0.00626)	[1]
Endosulfan II	ND	(0.00540)	[1]	ND	(0.00545)	[1]	NA		[1]	ND		(0.00545)	[1]
Endosulfan Sulfate	0.00740	JB (0.0140)	[1]	0.00900	JB (0.0141)	[1]	NA		[1]	0.0120	B	(0.0141)	[1]
Endrin	ND	(0.0120)	[1]	ND	(0.0121)	[1]	NA		[1]	ND		(0.0121)	[1]
Endrin Aldehyde	ND	(0.00660)	[1]	ND	(0.00667)	[1]	NA		[1]	ND		(0.00667)	[1]
Heptachlor	ND	(0.00540)	[1]	0.00820	B (0.00545)	[1]	NA		[1]	ND		(0.0333)	[1]
Heptachlor epoxide	0.00510	PJB (0.0250)	[1]	ND	(0.0253)	[1]	NA		[1]	ND		(0.0253)	[1]
Methoxychlor	ND	(0.0490)	[1]	ND	(0.0495)	[1]	NA		[1]	ND		(0.0495)	[1]
PCB-1016	ND	(0.100)	[1]	ND	(0.101)	[1]	NA		[1]	ND		(0.101)	[1]
PCB-1221	ND	(0.190)	[1]	ND	(0.192)	[1]	NA		[1]	ND		(0.192)	[1]
PCB-1232	ND	(0.0560)	[1]	ND	(0.0566)	[1]	NA		[1]	ND		(0.0566)	[1]
PCB-1242	ND	(0.0580)	[1]	ND	(0.0586)	[1]	NA		[1]	ND		(0.0586)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	10-MW-02	10-MW-02-03	10-MW-03	10-MW-03-03	10-MW-04	10-MW-04-01
	10-MW-02	10-MW-02-03	10-MW-03	10-MW-03-03	12-MW-01	12-MW-01-03

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	ND (0.150)	[1]	ND (0.152)	[1]	NA	ND (0.152)
PCB-1248	ND (0.0790)	[1]	ND (0.0798)	[1]	NA	ND (0.0798)
PCB-1254	ND (0.0450)	[1]	ND (0.0455)	[1]	NA	ND (0.0455)
PCB-1260	ND (0.0100)	[1]	ND (0.0101)	[1]	NA	ND (0.0101)
Toxaphene	ND (0.00350)	[1]	ND (0.00404)	[1]	NA	ND (0.00404)
alpha-BHC	ND (0.00640)	[1]	0.0230 (0.00646)	[1]	NA	ND (0.00646)
beta-BHC	ND (0.00260)	[1]	ND (0.00263)	[1]	NA	ND (0.00222)
delta-BHC	0.0191 P (0.0130)	[1]	ND (0.00465)	[1]	NA	ND (0.00465)
gamma-BHC(Lindane)						

SW8270 - Semivolatile Organics (ug/L)	ND (0.596)	[1]	ND (0.584)	[1]	ND (0.603)	[1]
1,2,4-Trichlorobenzene	ND (0.646)	[1]	ND (0.634)	[1]	ND (0.795)	[1]
1,2-Dichlorobenzene	ND (0.727)	[1]	ND (0.713)	[1]	ND (0.404)	[1]
1,3-Dichlorobenzene	ND (0.596)	[1]	ND (0.584)	[1]	ND (0.824)	[1]
1,4-Dichlorobenzene	ND (0.515)	[1]	ND (0.505)	[1]	ND (0.337)	[1]
2,4,5-Trichloropheno	ND (0.505)	[1]	ND (0.495)	[1]	ND (0.356)	[1]
2,4,6-Trichloropheno	ND (0.576)	[1]	ND (0.564)	[1]	ND (0.452)	[1]
2,4-Dichloropheno	8.07 (1.31)	[1]	ND (1.29)	[1]	ND (1.12)	[1]
2,4-Dimethylpheno	ND (4.24)	[1]	ND (4.16)	[1]	ND (7.14)	[1]
2,4-Dinitrophenol	ND (0.596)	[1]	ND (0.584)	[1]	ND (0.561)	[1]
2,4-Dinitrotoluene	ND (0.869)	[1]	ND (0.851)	[1]	ND (0.353)	[1]
2,6-Dinitrotoluene	ND (0.394)	[1]	ND (0.386)	[1]	ND (0.331)	[1]
2-Chloronaphthalene	ND (0.646)	[1]	ND (0.634)	[1]	ND (0.780)	[1]
2-Chloropheno	6.81 (0.364)	[1]	ND (0.356)	[1]	ND (0.673)	[1]
2-Methylnaphthalene	1.39 (0.313)	[1]	ND (0.307)	[1]	ND (0.545)	[1]
2-Methylpheno (o-cresol)						

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		005	
	10-MW-02	10-MW-03	10-MW-04	10-MW-03	10-MW-04	12-MW-01
	10-MW-02-03	10-MW-03-03	10-MW-04-01	10-MW-03-03	10-MW-04-01	12-MW-01-03
SW8270 - Semivolatile Organics, cont. (ug/L)						
2-Nitroaniline	ND	(0.667)	[1]	ND	(0.653)	[1]
2-Nitrophenol	ND	(0.525)	[1]	ND	(0.515)	[1]
3,3'-Dichlorobenzidine	ND	(0.333)	[1]	ND	(0.327)	[1]
3-Nitroaniline	ND	(0.394)	[1]	ND	(0.386)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.434)	[1]	ND	(0.426)	[1]
4-Bromophenyl phenyl ether	ND	(0.495)	[1]	ND	(0.485)	[1]
4-Chloro-3-methylphenol	ND	(0.525)	[1]	ND	(0.515)	[1]
4-Chloroaniline	ND	(0.747)	[1]	ND	(0.733)	[1]
4-Chlorophenyl phenyl ether	ND	(0.424)	[1]	ND	(0.416)	[1]
4-Methylphenol(p-cresol)	1.71	(0.465)	[1]	ND	(0.455)	[1]
4-Nitroaniline	ND	(0.616)	[1]	ND	(0.604)	[1]
4-Nitrophenol	ND	(0.949)	[1]	ND	(0.931)	[1]
Acenaphthene	ND	(0.273)	[1]	ND	(0.267)	[1]
Acenaphthylene	ND	(0.424)	[1]	ND	(0.416)	[1]
Anthracene	ND	(0.374)	[1]	ND	(0.366)	[1]
Benzo(a)anthracene	ND	(0.455)	[1]	ND	(0.446)	[1]
Benzo(a)pyrene	ND	(0.525)	[1]	ND	(0.515)	[1]
Benzo(b)fluoranthene	ND	(0.919)	[1]	ND	(0.901)	[1]
Benzo(g,h,i)perylene	ND	(1.01)	[1]	ND	(0.990)	[1]
Benzo(k)fluoranthene	ND	(1.01)	[1]	ND	(0.990)	[1]
Benzoic acid	3.27 J	(39.4)	[1]	ND	(38.6)	[1]
Benzyl alcohol	ND	(0.616)	[1]	ND	(0.604)	[1]
Butylbenzylphthalate	ND	(0.626)	[1]	ND	(0.614)	[1]
Chrysene	ND	(0.545)	[1]	ND	(0.535)	[1]
Di-n-butylphthalate	ND	(0.323)	[1]	ND	(0.317)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SWB270 - Semivolatile Organics, cont. (ug/L)						
Di-n-octylphthalate	ND	(0.354)	[1]	(0.347)	[1]	ND (0.350)
Dibenz(a,h)anthracene	ND	(0.818)	[1]	(0.802)	[1]	ND (0.810)
Dibenzofuran	ND	(0.545)	[1]	(0.535)	[1]	ND (0.540)
Diethylphthalate	ND	(0.525)	[1]	(0.515)	[1]	ND (0.520)
Dimethylphthalate	ND	(0.343)	[1]	(0.337)	[1]	ND (0.340)
Diphenylamine/N-NitrosodPA	NA					ND (0.270)
Fluoranthene	ND	(0.475)	[1]	(0.465)	[1]	ND (0.470)
Fluorene	ND	(0.384)	[1]	(0.376)	[1]	ND (0.380)
Hexachlorobenzene	ND	(0.313)	[1]	(0.307)	[1]	ND (0.310)
Hexachlorobutadiene	ND	(0.515)	[1]	(0.505)	[1]	ND (0.510)
Hexachlorocyclopentadiene	ND	(5.96)	[1]	(5.84)	[1]	ND (5.90)
Hexachloroethane	ND	(0.636)	[1]	(0.624)	[1]	ND (0.630)
Indeno(1,2,3-cd)pyrene	ND	(1.31)	[1]	(1.29)	[1]	ND (1.30)
Isophorone	ND	(0.626)	[1]	(0.614)	[1]	ND (0.620)
N-Nitroso-di-n-propylamine	ND	(0.657)	[1]	(0.644)	[1]	ND (0.650)
N-Nitrosodiphenylamine	ND	(0.273)	[1]	(0.267)	[1]	NA
Naphthalene	14.5	(0.485)	[1]	(0.475)	[1]	ND (0.480)
Nitrobenzene	ND	(0.848)	[1]	(0.832)	[1]	ND (0.840)
Pentachlorophenol	ND	(0.899)	[1]	(0.881)	[1]	ND (0.890)
Phenanthrene	ND	(0.475)	[1]	(0.465)	[1]	ND (0.470)
Phenol	5.66	(0.889)	[1]	(0.871)	[1]	ND (0.880)
Pyrene	ND	(0.414)	[1]	(0.406)	[1]	ND (0.410)
bis(2-Chloroethoxy)methane	ND	(0.616)	[1]	(0.604)	[1]	ND (0.610)
bis(2-Chloroethyl)ether	ND	(0.384)	[1]	(0.376)	[1]	ND (0.380)
bis(2-Chloroisopropyl)ether	ND	(0.808)	[1]	(0.792)	[1]	ND (0.800)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008		008		005							
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID						
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	(0.586)	[1]	ND	(0.574)	[1]	ND	(1.87)	[1]	ND	(0.580)	[1]
bis(2-Ethylhexyl)phthalate												
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)	NA			NA			NA			ND		
Acenaphthene	NA			NA			NA			ND	(0.594)	[1]
Acenaphthylene	NA			NA			NA			ND	(0.812)	[1]
Anthracene	NA			NA			NA			ND	(0.139)	[1]
Benzo(a)anthracene	NA			NA			NA			ND	(0.00277)	[1]
Benzo(a)pyrene	NA			NA			NA			0.00270	JB (0.00356)	[1]
Benzo(b)fluoranthene	NA			NA			NA			0.00810	JB (0.0109)	[1]
Benzo(g,h,i)perylene	NA			NA			NA			ND	(0.0277)	[1]
Benzo(k)fluoranthene	NA			NA			NA			0.00590	B (0.00158)	[1]
Chrysene	NA			NA			NA			ND	(0.0485)	[1]
Dibenz(a,h)anthracene	NA			NA			NA			0.00540	JB (0.00842)	[1]
Fluoranthene	NA			NA			NA			ND	(0.0495)	[1]
Fluorene	NA			NA			NA			ND	(0.0792)	[1]
Indeno(1,2,3-cd)pyrene	NA			NA			NA			0.00220	JB (0.00366)	[1]
Naphthalene	NA			NA			NA			0.0893	JB (0.545)	[1]
Phenanthrene	NA			NA			NA			ND	(0.158)	[1]
Pyrene	NA			NA			NA			ND	(0.0525)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] =

Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	005		005		005		005		005		
	12-MW-02	12-MW-02-03	12-MW-02-03 Dup of 12-MW-02-03	12-MW-02	12-MW-02-DS-03	12-MW-02-03 Dup of 12-MW-02-03	1300	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01
	13.0 JB (	200)	200)	11.0 JB (	200)	200)	1300	22-GP-01	22-GP-01-01	3.00 JB (	200)
	27.0 JB (	100)	100)	25.0 JB (	100)	100)	80.0 J (	100)	100)	26.0 JB (	100)
Diesel Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Diesel Range Organics											
Gasoline Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics											
SW8010 - Halogenated Volatile Organics (ug/L)	0.00370 JB (	0.0400)	0.0400)	ND (	0.0400)	0.0400)	ND (	0.0285)	0.0285)	ND (	0.0285)
1,1,1,2-Tetrachloroethane	ND (	0.0920)	0.0920)	ND (	0.0920)	0.0920)	0.214 B (	0.138)	0.138)	0.0782 JB (	0.138)
1,1,1-Trichloroethane	ND (	0.100)	0.100)	ND (	0.100)	0.100)	ND (	0.0427)	0.0427)	ND (	0.0427)
1,1,2,2-Tetrachloroethane	ND (	0.100)	0.100)	ND (	0.100)	0.100)	ND (	0.0172)	0.0172)	ND (	0.0172)
1,1,2-Trichloroethane	ND (	0.0480)	0.0480)	ND (	0.0480)	0.0480)	ND (	0.0729)	0.0729)	ND (	0.0729)
1,1-Dichloroethane	ND (	0.100)	0.100)	ND (	0.100)	0.100)	ND (	0.0566)	0.0566)	ND (	0.0566)
1,1-Dichloroethene	ND (	0.120)	0.120)	ND (	0.120)	0.120)	ND (	0.0367)	0.0367)	ND (	0.0367)
1,2,3-Trichloropropane	ND (	0.170)	0.170)	ND (	0.170)	0.170)	ND (	0.0288)	0.0288)	ND (	0.0288)
1,2-Dichlorobenzene	ND (	0.0540)	0.0540)	ND (	0.0540)	0.0540)	ND (	0.0286)	0.0286)	ND (	0.0286)
1,2-Dichloroethane	ND (	0.0750)	0.0750)	0.0359 KJ (	0.0750)	0.0750)	ND (	0.0320)	0.0320)	ND (	0.0320)
1,2-Dichloropropane	ND (	0.150)	0.150)	ND (	0.150)	0.150)	ND (	0.0902)	0.0902)	ND (	0.0902)
1,3-Dichlorobenzene	ND (	0.190)	0.190)	ND (	0.190)	0.190)	0.0149 JB (	0.0322)	0.0322)	ND (	0.0322)
1,4-Dichlorobenzene	ND (	0.120)	0.120)	ND (	0.120)	0.120)	ND (	0.0957)	0.0957)	ND (	0.0957)
1-Chlorohexane	ND (	0.170)	0.170)	ND (	0.170)	0.170)	ND (	0.0281)	0.0281)	ND (	0.0281)
2-Chloroethyl vinyl ether	ND (	0.530)	0.530)	0.0200 KJB (	0.530)	0.530)	ND (	0.0693)	0.0693)	ND (	0.0693)
Bromobenzene	ND (	0.0680)	0.0680)	ND (	0.0680)	0.0680)	ND (	0.0150)	0.0150)	ND (	0.0150)
Bromodichloromethane	ND (	0.0560)	0.0560)	ND (	0.0560)	0.0560)	ND (	0.161)	0.161)	ND (	0.161)
Bromomethane	ND (	0.110)	0.110)	ND (	0.110)	0.110)	ND (	0.0444)	0.0444)	ND (	0.0444)
Carbon tetrachloride											

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	12-MW-02	12-MW-02-03 Dup of 12-MW-02-03	22-GP-01	22-GP-02-01
	005	005	5	5
	12-MW-02	12-MW-02-03 Dup of 12-MW-02-03	22-GP-01	22-GP-02-01
SW8010 - Halogenated Volatile Organics, cont. (ug/L)				
Chlorobenzene	ND (0.140) [1]	ND (0.140) [1]	ND (0.0301) [1]	ND (0.0301) [1]
Chloroethane	ND (0.110) [1]	ND (0.110) [1]	ND (0.0499) [1]	ND (0.0499) [1]
Chloroform	ND (0.0850) [1]	ND (0.0850) [1]	ND (0.0512) [1]	ND (0.0512) [1]
Chloromethane	0.0301 JB (0.150) [1]	ND (0.150) [1]	ND (0.0213) [1]	0.0201 JB (0.0213) [1]
Dibromochloromethane	ND (0.170) [1]	ND (0.0820) [1]	ND (0.0101) [1]	ND (0.0101) [1]
Dibromomethane	ND (0.140) [1]	ND (0.140) [1]	ND (0.0939) [1]	ND (0.0939) [1]
Methylene chloride	ND (0.220) [1]	ND (0.220) [1]	ND (0.0430) [1]	0.148 B (0.0430) [1]
Tetrachloroethene	ND (0.100) [1]	ND (0.100) [1]	ND (0.0381) [1]	ND (0.0381) [1]
Tribromomethane (Bromoform)	ND (0.140) [1]	ND (0.140) [1]	ND (0.252) [1]	ND (0.252) [1]
Trichloroethene	ND (0.110) [1]	ND (0.110) [1]	ND (0.0387) [1]	ND (0.0387) [1]
Trichlorofluoromethane	ND (0.0750) [1]	ND (0.0750) [1]	ND (0.0603) [1]	ND (0.0603) [1]
Vinyl chloride	0.0565 J (0.200) [1]	ND (0.200) [1]	ND (0.0761) [1]	ND (0.0761) [1]
cis-1,3-Dichloropropene	ND (0.0740) [1]	ND (0.0740) [1]	ND (0.0220) [1]	ND (0.0220) [1]
trans-1,2-Dichloroethene	ND (0.100) [1]	ND (0.100) [1]	ND (0.160) [1]	ND (0.160) [1]
trans-1,3-Dichloropropene	ND (0.0570) [1]	ND (0.0570) [1]	ND (0.0302) [1]	ND (0.0302) [1]
SW8015 - Nonhalogenated Volatile Organics (mg/L)				
2-Butanone(MEK)	ND (2.40) [1]	ND (2.40) [1]	ND (2.38) [1]	ND (2.38) [1]
4-Methyl-2-pentanone(MIBK)	ND (1.50) [1]	ND (1.50) [1]	ND (1.46) [1]	ND (1.46) [1]
Ethanol	ND (0.300) [1]	ND (0.300) [1]	ND (0.301) [1]	ND (0.301) [1]
Ethyl ether	ND (1.20) [1]	ND (1.20) [1]	ND (1.16) [1]	ND (1.16) [1]
SW8020 - Aromatic Volatile Organics (ug/L)				
1,2-Dichlorobenzene	ND (0.140) [1]	ND (0.140) [1]	0.174 PB (0.0263) [1]	0.0481 PJB (0.0796) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		5		5		5	
	12-MW-02	12-MW-02-03	12-MW-02	12-MW-02-DS-03 Dup of 12-MW-02-03	22-GP-01	22-GP-01-01	22-GP-02	22-GP-02-01	22-GP-02	22-GP-02-01
SW8020 - Aromatic Volatile Organics, cont. (ug/L)										
1,3-Dichlorobenzene	ND (0.130)	[1]	ND (0.130)	[1]	0.0292 PJB (0.0756)	[1]	ND (0.0218)	[1]		
1,4-Dichlorobenzene	ND (0.130)	[1]	ND (0.130)	[1]	0.0786 PJ (0.0813)	[1]	ND (0.0131)	[1]		
Benzene	ND (0.0790)	[1]	0.0252 JB (0.0790)	[1]	0.165 B (0.00980)	[1]	0.122 B (0.00980)	[1]		
Chlorobenzene	ND (0.120)	[1]	ND (0.120)	[1]	0.0303 KJB (0.0452)	[1]	ND (0.0140)	[1]		
Ethylbenzene	ND (0.120)	[1]	ND (0.120)	[1]	0.111 B (0.0199)	[1]	0.192 (0.0199)	[1]		
Toluene	0.0209 JB (0.110)	[1]	0.0204 JB (0.110)	[1]	4.15 (0.0330)	[1]	0.509 B (0.0330)	[1]		
Xylene (total)	0.0318 JB (0.130)	[1]	ND (0.130)	[1]	0.530 B (0.0528)	[1]	0.340 B (0.0528)	[1]		
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND (0.00808)	[1]	ND (0.00851)	[1]	NA		NA			
4,4'-DDE	ND (0.00545)	[1]	ND (0.00574)	[1]	NA		NA			
4,4'-DDT	ND (0.0101)	[1]	ND (0.0106)	[1]	NA		NA			
Aldrin	ND (0.00354)	[1]	ND (0.00372)	[1]	NA		NA			
Chlordane	ND (0.0303)	[1]	ND (0.0319)	[1]	NA		NA			
Dieldrin	ND (0.00808)	[1]	ND (0.00851)	[1]	NA		NA			
Endosulfan I	ND (0.00626)	[1]	ND (0.00660)	[1]	NA		NA			
Endosulfan II	ND (0.00505)	[1]	ND (0.00532)	[1]	NA		NA			
Endosulfan Sulfate	0.0128 B (0.0141)	[1]	0.00810 PJB (0.0149)	[1]	NA		NA			
Endrin	ND (0.0121)	[1]	ND (0.0128)	[1]	NA		NA			
Endrin Aldehyde	ND (0.00616)	[1]	ND (0.00702)	[1]	NA		NA			
Heptachlor	ND (0.00545)	[1]	ND (0.00574)	[1]	NA		NA			
Heptachlor epoxide	ND (0.0253)	[1]	ND (0.0266)	[1]	NA		NA			
Methoxychlor	ND (0.0495)	[1]	ND (0.0521)	[1]	NA		NA			
PCB-1016	ND (0.101)	[1]	ND (0.106)	[1]	NA		NA			

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				Dilution Factor	Detection Limit	Factor	Not Detected	Not Detected	Not Applicable	Invalid Result, Refer to QC Report
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID							
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID							
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)											
PCB-1221	ND (0.192)	[1]	ND (0.202)	[1]	NA	NA	NA	NA	NA	NA	NA
PCB-1232	ND (0.0566)	[1]	ND (0.0596)	[1]	NA	NA	NA	NA	NA	NA	NA
PCB-1242	ND (0.0586)	[1]	ND (0.0617)	[1]	NA	NA	NA	NA	NA	NA	NA
PCB-1248	ND (0.152)	[1]	ND (0.160)	[1]	NA	NA	NA	NA	NA	NA	NA
PCB-1254	ND (0.0798)	[1]	ND (0.0840)	[1]	NA	NA	NA	NA	NA	NA	NA
PCB-1260	ND (0.0455)	[1]	ND (0.0479)	[1]	NA	NA	NA	NA	NA	NA	NA
Toxaphene	ND (0.0101)	[1]	ND (0.0106)	[1]	NA	NA	NA	NA	NA	NA	NA
alpha-BHC	ND (0.00404)	[1]	ND (0.00426)	[1]	NA	NA	NA	NA	NA	NA	NA
beta-BHC	ND (0.00646)	[1]	ND (0.00681)	[1]	NA	NA	NA	NA	NA	NA	NA
delta-BHC	ND (0.00222)	[1]	ND (0.00234)	[1]	NA	NA	NA	NA	NA	NA	NA
gamma-BHC(Lindane)	ND (0.00465)	[1]	ND (0.00489)	[1]	NA	NA	NA	NA	NA	NA	NA
SW8270 - Semivolatile Organics (ug/L)											
1,2,4-Trichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]	ND	ND	(0.619)	[1]	ND	(0.600)	[1]
1,2-Dichlorobenzene	ND (0.634)	[1]	ND (0.640)	[1]	ND	ND	(0.668)	[1]	ND	(0.648)	[1]
1,3-Dichlorobenzene	ND (0.713)	[1]	ND (0.720)	[1]	ND	ND	(0.755)	[1]	ND	(0.732)	[1]
1,4-Dichlorobenzene	ND (0.584)	[1]	ND (0.590)	[1]	ND	ND	(0.619)	[1]	ND	(0.600)	[1]
2,4,5-Trichlorophenol	ND (0.505)	[1]	ND (0.510)	[1]	ND	ND	(0.536)	[1]	ND	(0.519)	[1]
2,4,6-Trichlorophenol	ND (0.495)	[1]	ND (0.500)	[1]	ND	ND	(0.533)	[1]	ND	(0.516)	[1]
2,4-Dichlorophenol	ND (0.564)	[1]	ND (0.570)	[1]	ND	ND	(0.599)	[1]	ND	(0.581)	[1]
2,4-Dimethylphenol	ND (1.29)	[1]	ND (1.30)	[1]	ND	ND	(1.37)	[1]	ND	(1.33)	[1]
2,4-Dinitrophenol	ND (4.16)	[1]	ND (4.20)	[1]	ND	ND	(4.40)	[1]	ND	(4.27)	[1]
2,4-Dinitrotoluene	ND (0.584)	[1]	ND (0.590)	[1]	ND	ND	(0.622)	[1]	ND	(0.603)	[1]
2,6-Dinitrotoluene	ND (0.851)	[1]	ND (0.860)	[1]	ND	ND	(0.906)	[1]	ND	(0.879)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		5		5		5			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L)												
2-Chloronaphthalene	ND	(0.386)	[1]	ND	(0.390)	[1]	ND	(0.413)	[1]	ND	(0.400)	[1]
2-Chlorophenol	ND	(0.634)	[1]	ND	(0.640)	[1]	ND	(0.668)	[1]	ND	(0.648)	[1]
2-Methylnaphthalene	ND	(0.356)	[1]	ND	(0.360)	[1]	1.45	(0.383)	[1]	ND	(0.371)	[1]
2-Methylphenol (o-cresol)	ND	(0.307)	[1]	ND	(0.310)	[1]	1.97	(0.326)	[1]	ND	(0.316)	[1]
2-Nitroaniline	ND	(0.653)	[1]	ND	(0.660)	[1]	ND	(0.698)	[1]	ND	(0.677)	[1]
2-Nitrophenol	ND	(0.515)	[1]	ND	(0.520)	[1]	ND	(0.549)	[1]	ND	(0.533)	[1]
3,3'-Dichlorobenzidine	ND	(0.327)	[1]	ND	(0.330)	[1]	ND	(0.351)	[1]	ND	(0.340)	[1]
3-Nitroaniline	ND	(0.386)	[1]	ND	(0.390)	[1]	ND	(0.414)	[1]	ND	(0.401)	[1]
4,6-Dinitro-2-methylphenol	ND	(0.426)	[1]	ND	(0.430)	[1]	ND	(0.453)	[1]	ND	(0.439)	[1]
4-Bromophenyl phenyl ether	ND	(0.485)	[1]	ND	(0.490)	[1]	ND	(0.509)	[1]	ND	(0.494)	[1]
4-Chloro-3-methylphenol	ND	(0.515)	[1]	ND	(0.520)	[1]	ND	(0.542)	[1]	ND	(0.526)	[1]
4-Chloroaniline	ND	(0.733)	[1]	ND	(0.740)	[1]	ND	(0.784)	[1]	ND	(0.760)	[1]
4-Chlorophenyl phenyl ether	ND	(0.416)	[1]	ND	(0.420)	[1]	ND	(0.443)	[1]	ND	(0.430)	[1]
4-Methylphenol(p-cresol)	ND	(0.455)	[1]	ND	(0.460)	[1]	53.9 F	(0.483)	[1]	ND	(0.468)	[1]
4-Nitroaniline	ND	(0.604)	[1]	ND	(0.610)	[1]	ND	(0.638)	[1]	ND	(0.618)	[1]
4-Nitrophenol	ND	(0.931)	[1]	ND	(0.940)	[1]	ND	(0.986)	[1]	ND	(0.956)	[1]
Acenaphthene	ND	(0.267)	[1]	ND	(0.270)	[1]	2.51	(0.286)	[1]	ND	(0.278)	[1]
Acenaphthylene	ND	(0.416)	[1]	ND	(0.420)	[1]	ND	(0.440)	[1]	ND	(0.427)	[1]
Anthracene	ND	(0.366)	[1]	ND	(0.370)	[1]	0.263 J	(0.387)	[1]	ND	(0.376)	[1]
Benzo(a)anthracene	ND	(0.446)	[1]	ND	(0.450)	[1]	ND	(0.473)	[1]	ND	(0.458)	[1]
Benzo(a)pyrene	ND	(0.515)	[1]	ND	(0.520)	[1]	ND	(0.545)	[1]	ND	(0.529)	[1]
Benzo(b)fluoranthene	ND	(0.901)	[1]	ND	(0.910)	[1]	ND	(0.956)	[1]	ND	(0.927)	[1]
Benzo(g,h,i)perylene	ND	(0.990)	[1]	ND	(1.00)	[1]	ND	(1.07)	[1]	ND	(1.04)	[1]
Benzo(k)fluoranthene	ND	(0.990)	[1]	ND	(1.00)	[1]	ND	(1.05)	[1]	ND	(1.02)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-111

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				Dilution Factor	Detection Limit (ug/L)	NA = Not Detected	ND = Not Applicable	R = Invalid Result, Refer to QC Report
	005		5						
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
SW8270 - Semivolatile Organics, cont.									
Benzoic acid	12-MW-02	12-MW-02-03	12-MW-02-DS Dup of	22-GP-01					
Benzyl alcohol	(0.604)	(0.610)	(39.0)	(203)	[1]	ND	418	(0.642)	(39.4)
Butylbenzylphthalate	(0.614)	(0.620)	(0.620)	(0.658)	[1]	ND	ND	(0.658)	(0.622)
Chrysene	(0.535)	(0.540)	(0.540)	(0.565)	[1]	ND	ND	(0.565)	(0.638)
Di-n-butylphthalate	(0.317)	(0.320)	(0.320)	(0.341)	[1]	ND	ND	(0.341)	(0.548)
Di-n-octylphthalate	(0.347)	(0.350)	(0.350)	(0.371)	[1]	ND	ND	(0.371)	(0.331)
Dibenz(a,h)anthracene	(0.802)	(0.810)	(0.810)	(0.854)	[1]	ND	ND	(0.854)	(0.359)
Dibenzofuran	(0.535)	(0.540)	(0.540)	(0.565)	[1]	ND	0.687	(0.565)	(0.828)
Diethylphthalate	(0.515)	(0.520)	(0.520)	(0.542)	[1]	ND	ND	(0.542)	(0.548)
Dimethylphthalate	(0.337)	(0.340)	(0.340)	(0.354)	[1]	ND	ND	(0.354)	(0.526)
Diphenylamine/N-NitrosodPA	(0.267)	(0.270)	(0.270)	(0.283)	[1]	ND	ND	(0.283)	(0.343)
Fluoranthene	(0.465)	(0.470)	(0.470)	(0.496)	[1]	ND	ND	(0.496)	(0.274)
Fluorene	(0.376)	(0.380)	(0.380)	(0.400)	[1]	ND	0.841	(0.400)	(0.481)
Hexachlorobenzene	(0.307)	(0.310)	(0.310)	(0.331)	[1]	ND	ND	(0.331)	(0.388)
Hexachlorobutadiene	(0.505)	(0.510)	(0.510)	(0.539)	[1]	ND	ND	(0.539)	(0.320)
Hexachlorocyclopentadiene	(5.84)	(5.90)	(5.90)	(6.20)	[1]	ND	ND	(6.20)	(0.522)
Hexachloroethane	(0.624)	(0.630)	(0.630)	(0.668)	[1]	ND	ND	(0.668)	(6.01)
Indeno(1,2,3-cd)pyrene	(1.29)	(1.30)	(1.30)	(1.40)	[1]	ND	ND	(1.40)	(0.648)
Isophorone	(0.614)	(0.620)	(0.620)	(0.648)	[1]	ND	ND	(0.648)	(1.36)
N-Nitroso-di-n-propylamine	(0.644)	(0.650)	(0.650)	(0.688)	[1]	ND	ND	(0.688)	(0.629)
Naphthalene	(0.475)	(0.480)	(0.480)	(0.503)	[1]	ND	9.18	(0.503)	(0.667)
Nitrobenzene	(0.832)	(0.840)	(0.840)	(0.886)	[1]	ND	ND	(0.886)	(0.488)
PentachlorophenoI	(0.881)	(0.890)	(0.890)	(0.936)	[1]	ND	1.91	(0.936)	(0.859)
Phenanthrene	(0.465)	(0.470)	(0.470)	(0.493)	[1]	ND	0.818	(0.493)	(0.907)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		5		5		5			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW8270 - Semivolatile Organics, cont. (ug/L)												
Phenol	ND	(0.871)	[1]	ND	(0.880)	[1]	132	(0.929)	[1]	ND	(0.901)	[1]
Pyrene	ND	(0.406)	[1]	ND	(0.410)	[1]	ND	(0.429)	[1]	ND	(0.416)	[1]
bis(2-Chloroethoxy)methane	ND	(0.604)	[1]	ND	(0.610)	[1]	ND	(0.638)	[1]	ND	(0.618)	[1]
bis(2-Chloroethyl) ether	ND	(0.376)	[1]	ND	(0.380)	[1]	ND	(0.403)	[1]	ND	(0.391)	[1]
bis(2-Chloroisopropyl) ether	ND	(0.792)	[1]	ND	(0.800)	[1]	ND	(0.840)	[1]	ND	(0.814)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.574)	[1]	ND	(0.580)	[1]	0.961 B	(0.612)	[1]	ND	(0.593)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/L)												
Acenaphthene	ND	(0.632)	[1]	ND	(0.600)	[1]	NA			NA		
Acenaphthylene	ND	(0.863)	[1]	ND	(0.820)	[1]	NA			NA		
Anthracene	ND	(0.147)	[1]	ND	(0.140)	[1]	NA			NA		
Benzo(a)anthracene	ND	(0.00295)	[1]	ND	(0.00280)	[1]	NA			NA		
Benzo(a)pyrene	ND	(0.00379)	[1]	0.00840 B	(0.00360)	[1]	NA			NA		
Benzo(b)fluoranthene	ND	(0.0116)	[1]	ND	(0.0110)	[1]	NA			NA		
Benzo(g,h,i)perylene	ND	(0.0295)	[1]	ND	(0.0280)	[1]	NA			NA		
Benzo(k)fluoranthene	ND	(0.00168)	[1]	ND	(0.00160)	[1]	NA			NA		
Chrysene	ND	(0.0516)	[1]	ND	(0.0490)	[1]	NA			NA		
Dibenz(a,h)anthracene	ND	(0.00895)	[1]	0.00330 JB	(0.00850)	[1]	NA			NA		
Fluoranthene	ND	(0.0526)	[1]	ND	(0.0500)	[1]	NA			NA		
Fluorene	0.0281 JB	(0.0842)	[1]	ND	(0.0800)	[1]	NA			NA		
Indeno(1,2,3-cd)pyrene	ND	(0.00389)	[1]	0.0191 B	(0.00370)	[1]	NA			NA		
Naphthalene	ND	(0.579)	[1]	0.0230 JB	(0.550)	[1]	NA			NA		
Phenanthrene	ND	(0.168)	[1]	ND	(0.160)	[1]	NA			NA		
Pyrene	ND	(0.0558)	[1]	ND	(0.0530)	[1]	NA			NA		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	LOCATION ID	SITE ID	LOCATION ID	SITE ID
	SAMPLE ID		SAMPLE ID	
	12-MW-02	005	12-MW-02	5
	12-MW-02-03		12-MW-02-DS-03 Dup of 12-MW-02-03	22-GP-01
				22-GP-02
				22-GP-02-01

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

5
22-GP-03
22-GP-03-01

PARAMETER	1.00 JB (	200)	[1]
Diesel Range Organics (ug/L)			
Diesel Range Organics	1.00 JB (	200)	[1]
Gasoline Range Organics (ug/L)			
Gasoline Range Organics	40.0 JB (	100)	[1]
SW8010 - Halogenated Volatile Organics (ug/L)			
1,1,1,2-Tetrachloroethane	ND (	0.0285)	[1]
1,1,1-Trichloroethane	0.0551 JB (	0.138)	[1]
1,1,2,2-Tetrachloroethane	ND (	0.0427)	[1]
1,1,2-Trichloroethane	ND (	0.0172)	[1]
1,1-Dichloroethane	ND (	0.0729)	[1]
1,1-Dichloroethene	ND (	0.0568)	[1]
1,2,3-Trichloropropane	ND (	0.0367)	[1]
1,2-Dichlorobenzene	ND (	0.0288)	[1]
1,2-Dichloroethane	ND (	0.0286)	[1]
1,2-Dichloropropane	ND (	0.0320)	[1]
1,3-Dichlorobenzene	ND (	0.0902)	[1]
1,4-Dichlorobenzene	ND (	0.0322)	[1]
1-Chlorohexane	ND (	0.0957)	[1]
2-Chloroethyl vinyl ether	ND (	0.0281)	[1]
Bromobenzene	ND (	0.0693)	[1]
Bromodichloromethane	ND (	0.0150)	[1]
Bromomethane	ND (	0.161)	[1]
Carbon tetrachloride	ND (	0.0444)	[1]
Chlorobenzene	ND (	0.0301)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	5	
	22-GP-03	
	22-GP-03-01	

SW8010 - Halogenated Volatile Organics, cont. (ug/L)		
Chloroethane	ND (0.0499)	[1]
Chloroform	ND (0.0512)	[1]
Chloromethane	0.0191 JB (0.0213)	[1]
Dibromochloromethane	ND (0.0101)	[1]
Dibromomethane	ND (0.0939)	[1]
Methylene chloride	0.171 B (0.0430)	[1]
Tetrachloroethene	ND (0.0381)	[1]
Tribromomethane(Bromoform)	ND (0.252)	[1]
Trichloroethene	ND (0.0387)	[1]
Trichlorofluoromethane	ND (0.0603)	[1]
Vinyl chloride	ND (0.0761)	[1]
cis-1,3-Dichloropropene	ND (0.0220)	[1]
trans-1,2-Dichloroethene	ND (0.160)	[1]
trans-1,3-Dichloropropene	ND (0.0302)	[1]

SW8015 - Nonhalogenated Volatile Organics (mg/L)		
2-Butanone(MEK)	ND (2.38)	[1]
4-Methyl-2-pentanone(MIBK)	ND (1.46)	[1]
Ethanol	ND (0.301)	[1]
Ethyl ether	ND (1.16)	[1]

SW8020 - Aromatic Volatile Organics (ug/L)		
1,2-Dichlorobenzene	0.0149 KJB (0.0796)	[1]
1,3-Dichlorobenzene	0.0512 KJB (0.0756)	[1]
1,4-Dichlorobenzene	ND (0.0131)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

5

22-GP-03

22-GP-03-01

PARAMETER

SW8020 - Aromatic Volatile Organics, cont. (ug/L)

Benzene	0.172 B (0.00980)	[1]
Chlorobenzene	0.0363 KJ (0.0452)	[1]
Ethylbenzene	0.0871 B (0.0199)	[1]
Toluene	0.586 B (0.0330)	[1]
Xylene (total)	0.350 B (0.0528)	[1]

SW8270 - Semivolatle Organics (ug/L)

1,2,4-Trichlorobenzene	ND (0.600)	[1]
1,2-Dichlorobenzene	ND (0.648)	[1]
1,3-Dichlorobenzene	ND (0.732)	[1]
1,4-Dichlorobenzene	ND (0.600)	[1]
2,4,5-TrichlorophenoI	ND (0.519)	[1]
2,4,6-TrichlorophenoI	ND (0.516)	[1]
2,4-DichlorophenoI	ND (0.581)	[1]
2,4-DimethylphenoI	ND (1.33)	[1]
2,4-Dinitrophenol	ND (4.27)	[1]
2,4-Dinitrotoluene	ND (0.603)	[1]
2,6-Dinitrotoluene	ND (0.879)	[1]
2-Chloronaphthalene	ND (0.400)	[1]
2-ChlorophenoI	ND (0.648)	[1]
2-Methylnaphthalene	ND (0.371)	[1]
2-MethylphenoI (o-cresol)	ND (0.316)	[1]
2-Nitroaniline	ND (0.677)	[1]
2-Nitrophenol	ND (0.533)	[1]
3,3'-Dichlorobenzidine	ND (0.340)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-117

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

5
22-GP-03
22-GP-03-01

PARAMETER			

SW8270 - Semivolatile Organics, cont. (ug/L)			
3-Nitroaniline	ND	(0.401)	[1]
4,6-Dinitro-2-methylpheno]	ND	(0.439)	[1]
4-Bromophenyl phenyl ether	ND	(0.494)	[1]
4-Chloro-3-methylphenol	ND	(0.526)	[1]
4-Chloroaniline	ND	(0.760)	[1]
4-Chlorophenyl phenyl ether	ND	(0.430)	[1]
4-Methylpheno](p-cresol)	ND	(0.468)	[1]
4-Nitroaniline	ND	(0.618)	[1]
4-Nitrophenol	ND	(0.956)	[1]
Acenaphthene	ND	(0.278)	[1]
Acenaphthylene	ND	(0.427)	[1]
Anthracene	ND	(0.376)	[1]
Benzo(a)anthracene	ND	(0.458)	[1]
Benzo(a)pyrene	ND	(0.529)	[1]
Benzo(b)fluoranthene	ND	(0.927)	[1]
Benzo(g,h,i)perylene	ND	(1.04)	[1]
Benzo(k)fluoranthene	ND	(1.02)	[1]
Benzoic acid	ND	(39.4)	[1]
Benzyl alcohol	ND	(0.622)	[1]
Butylbenzylphthalate	ND	(0.638)	[1]
Chrysene	ND	(0.548)	[1]
Di-n-butylphthalate	ND	(0.331)	[1]
Di-n-octylphthalate	ND	(0.359)	[1]
Dibenz(a,h)anthracene	ND	(0.828)	[1]
Dibenzofuran	ND	(0.548)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A7

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

5
22-GP-03
22-GP-03-01

PARAMETER	CONCENTRATION (ug/L)	STATUS

SW8270 - Semivolatile Organics, cont.	(ug/L)	
Diethylphthalate	ND	[1]
Dimethylphthalate	(0.526)	[1]
Diphenylamine/N-NitrosoDPA	(0.343)	[1]
Fluoranthene	(0.274)	[1]
Fluorene	(0.481)	[1]
Hexachlorobenzene	(0.388)	[1]
Hexachlorobutadiene	(0.320)	[1]
Hexachlorocyclopentadiene	(0.522)	[1]
Hexachloroethane	(6.01)	[1]
Indeno(1,2,3-cd)pyrene	(0.648)	[1]
Isophorone	(1.36)	[1]
N-Nitroso-di-n-propylamine	(0.629)	[1]
Naphthalene	(0.667)	[1]
Nitrobenzene	(0.488)	[1]
Pentachlorophenol	(0.859)	[1]
Phenanthrene	(0.907)	[1]
Phenol	(0.478)	[1]
Pyrene	(0.901)	[1]
bis(2-Chloroethoxy)methane	(0.416)	[1]
bis(2-Chloroethyl) ether	(0.618)	[1]
bis(2-Chloroisopropyl) ether	(0.391)	[1]
bis(2-Ethylhexyl)phthalate	(0.814)	[1]
	(0.593)	[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A7-119

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	001		001		001		001		001			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
E160.1 - Residue, Filterable (TDS) (mg/L)	679	(10.0)	[1]	720	(10.0)	[1]	746	(8.67)	[1]	768	(8.67)	[1]
Total dissolved solids												
E160.2 - Residue, Non-Filterable (mg/L)	NA			NA			8.00	(7.90)	[1]	5.00	J (7.90)	[1]
Total suspended solids												
E300 - Anions (mg/L)												
Chloride	NA			NA			1.48	(0.0400)	[2]	3.46	(0.0200)	[1]
Sulfate	NA			NA			63.7	(0.120)	[2]	16.8	(0.0600)	[1]
E353.1 - Nitrate-Nitrite (mg/L)												
Nitrate-Nitrite as N	NA			NA			0.177	(0.0100)	[1]	ND	(0.0100)	[1]
SW6010 - Metals (mg/L)												
Aluminum	0.0249	JB (0.0280)	[1]	0.0188	JB (0.0280)	[1]	-0.00528	JB (0.0284)	[1]	0.0189	JB (0.0284)	[1]
Antimony	0.000310	JB (0.0240)	[1]	0.00997	JB (0.0240)	[1]	0.00428	JB (0.0241)	[1]	-0.0213	JB (0.0241)	[1]
Arsenic	0.0196	J (0.0230)	[1]	-0.0251	J (0.0230)	[1]	0.00739	J (0.0225)	[1]	0.0128	J (0.0225)	[1]
Barium	0.502	(0.000530)	[1]	0.370	(0.000530)	[1]	0.183	(0.000530)	[1]	0.303	(0.000530)	[1]
Beryllium	-0.000120	JB (0.000550)	[1]	0.0000100	JB (0.000550)	[1]	-0.000680	JB (0.000554)	[1]	-0.0000800	JB (0.000554)	[1]
Cadmium	0.00214	B (0.00170)	[1]	0.00181	B (0.00170)	[1]	0.00389	(0.00172)	[1]	0.00147	JB (0.00172)	[1]
Calcium	180	(0.150)	[1]	195	(0.150)	[1]	184	(0.148)	[1]	210	(0.148)	[1]
Chromium	0.00466	(0.00250)	[1]	0.000910	JB (0.00250)	[1]	0.000600	JB (0.00249)	[1]	0.00195	JB (0.00249)	[1]
Cobalt	-0.00228	JB (0.00340)	[1]	0.00460	B (0.00340)	[1]	0.00205	JB (0.00340)	[1]	0.0122	(0.00340)	[1]
Copper	0.00154	JB (0.00380)	[1]	0.00128	JB (0.00380)	[1]	0.00280	JB (0.00381)	[1]	0.00139	JB (0.00381)	[1]
Iron	38.7	(0.00600)	[1]	13.3	(0.00600)	[1]	0.0605	B (0.00596)	[1]	6.58	(0.00596)	[1]
Lead	0.0414	(0.0270)	[1]	-0.00203	J (0.0270)	[1]	0.0412	(0.0270)	[1]	0.0238	J (0.0270)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	001 01-MW-01 01-MW-01-03	001 01-MW-02 01-MW-02-03	001 01-MW-07 01-MW-07-01	001 01-MW-08 01-MW-08-01
SW6010 - Metals, cont. (mg/L)				
Magnesium	35.1 (0.0230) [1]	44.5 (0.0230) [1]	52.2 (0.0228) [1]	44.2 (0.0228) [1]
Manganese	10.5 (0.000390) [1]	4.73 (0.000390) [1]	2.32 (0.000395) [1]	15.1 (0.000395) [1]
Molybdenum	-0.00194 JB (0.00460) [1]	-0.00356 JB (0.00460) [1]	0.000710 JB (0.00463) [1]	0.00415 JB (0.00463) [1]
Nickel	0.00575 JB (0.00990) [1]	0.0253 (0.00990) [1]	0.0184 (0.00986) [1]	0.0326 (0.00986) [1]
Potassium	4.71 (0.370) [1]	4.24 (0.370) [1]	5.43 (0.370) [1]	4.60 (0.370) [1]
Selenium	0.0190 J (0.0420) [1]	-0.0142 J (0.0420) [1]	-0.00153 J (0.0417) [1]	0.0182 J (0.0417) [1]
Silver	-0.000310 JB (0.00490) [1]	-0.00118 JB (0.00490) [1]	0.0000200 JB (0.00492) [1]	0.00243 JB (0.00492) [1]
Sodium	6.16 (0.0400) [1]	7.80 (0.0400) [1]	11.7 (0.0397) [1]	8.56 (0.0397) [1]
Thallium	-0.0279 JB (0.0170) [1]	-0.0163 JB (0.0170) [1]	0.0228 B (0.0172) [1]	0.0148 JB (0.0172) [1]
Vanadium	-0.000120 JB (0.00240) [1]	-0.00300 JB (0.00240) [1]	0.00242 B (0.00236) [1]	0.00218 JB (0.00236) [1]
Zinc	0.00937 (0.00150) [1]	0.0115 (0.00150) [1]	0.00971 (0.00153) [1]	0.0164 (0.00153) [1]
SW7060 - Arsenic (mg/L)				
Arsenic	0.0104 (0.000650) [1]	-0.000200 JB (0.000650) [1]	-0.00330 JB (0.000657) [1]	0.00100 (0.000657) [1]
SW7421 - Lead (mg/L)				
Lead	0.00110 B (0.00110) [1]	0.00180 B (0.00110) [1]	0.0148 S (0.000800) [1]	0.00480 SB (0.000800) [1]
SW7470 - Mercury (mg/L)				
Mercury	0.000200 (0.0000480) [1]	0.000220 (0.0000480) [1]	0.000160 B (0.0000480) [1]	-0.0000300 B (0.0000480) [1]
SW7740 - Selenium (mg/L)				
Selenium	0.00350 S (0.00288) [2]	0.00738 S (0.00144) [1]	-0.00529 JB (0.000843) [1]	-0.00626 JB (0.000843) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID
	008	004		

E160.1 - Residue, Filterable (TDS) (mg/L)	278	(10.0)	[1]	NA
Total dissolved solids	283	(10.0)	[1]	NA
E300 - Anions (mg/L)				
Chloride	1.05	(0.0200)	[1]	NA
Sulfate	0.00	JB (0.0600)	[1]	NA
E353.1 - Nitrate-Nitrite (mg/L)				
Nitrate-Nitrite as N	ND	(0.0100)	[1]	NA
SW6010 - Metals (mg/L)				
Aluminum	NA	-0.000420	JB (0.0280)	[1] 0.0242 JB (0.0280)
Antimony	NA	0.0201	JB (0.0240)	[1] 0.00318 JB (0.0240)
Arsenic	NA	-0.000470	J (0.0230)	[1] -0.00333 J (0.0230)
Barium	NA	0.212	(0.000530)	[1] 0.360 (0.000530)
Beryllium	NA	0.000140	JB (0.000550)	[1] -0.000120 JB (0.000550)
Cadmium	NA	-0.000320	JB (0.00170)	[1] 0.000440 JB (0.00170)
Calcium	NA	204	(0.150)	[1] 189 (0.150)
Chromium	NA	0.00298	B (0.00250)	[1] 0.00185 JB (0.00250)
Cobalt	NA	-0.00351	JB (0.00340)	[1] 0.0185 (0.00340)
Copper	NA	0.00290	JB (0.00380)	[1] 0.00250 JB (0.00380)
Iron	NA	-0.00335	JB (0.00600)	[1] 1.85 (0.00600)
Lead	NA	-0.00933	J (0.0270)	[1] -0.00927 J (0.0270)
Magnesium	NA	29.1	(0.0230)	[1] 45.0 (0.0230)
Manganese	NA	0.0767	(0.000390)	[1] 10.8 (0.000390)
Molybdenum	NA	-0.00207	JB (0.00460)	[1] 0.000100 JB (0.00460)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	008		04	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals, cont. (mg/L)				
Nickel	02-GW-01	02-GW-03-03	04-MW-02	04-MW-03
Potassium	02-GW-01-03	02-GW-03-03	04-MW-02-03	04-MW-03-03
Selenium				
Silver				
Sodium				
Thallium				
Vanadium				
Zinc				
SW7060 - Arsenic (mg/L)				
Arsenic				
SW7421 - Lead (mg/L)				
Lead				
SW7470 - Mercury (mg/L)				
Mercury				
SW7740 - Selenium (mg/L)				
Selenium				

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		DILUTION FACTOR	DETECTION LIMIT	DILUTION FACTOR	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	QC REPORT
	LOCATION ID	SAMPLE ID							

E160.1 - Residue, Filterable (TDS) (mg/L)	NA	362 (10.0)	[1]						
Total dissolved solids	NA	368 (10.0)	[1]						NA

E300 - Anions (mg/L)									
Chloride	NA	1.40 (0.0200)	[1]						NA
Sulfate	NA	3.13 (0.0600)	[1]						NA

E353.1 - Nitrate-Nitrite (mg/L)									
Nitrate-Nitrite as N	NA	ND (0.0100)	[1]						NA

SW6010 - Metals (mg/L)									
Aluminum	0.0268 JB (0.0284)	-0.00102 JB (0.0284)	[1]						0.0210 JB (0.0284)
Antimony	-0.00790 JB (0.0241)	-0.0157 JB (0.0241)	[1]						-0.0374 JB (0.0241)
Arsenic	-0.00563 J (0.0225)	-0.0162 J (0.0225)	[1]						-0.0221 J (0.0225)
Barium	0.548 (0.000530)	0.368 (0.000530)	[1]						0.597 (0.000530)
Beryllium	0.000270 JB (0.000554)	0.000130 JB (0.000554)	[1]						0.000190 JB (0.000554)
Cadmium	0.00206 B (0.00172)	-0.00126 JB (0.00172)	[1]						0.000520 JB (0.00172)
Calcium	190 (0.148)	110 (0.148)	[1]						174 (0.148)
Chromium	0.000890 JB (0.00249)	-0.00149 JB (0.00249)	[1]						-0.000270 JB (0.00249)
Cobalt	0.00202 JB (0.00340)	0.00219 JB (0.00340)	[1]						0.00751 (0.00340)
Copper	0.000380 JB (0.00381)	-0.000610 JB (0.00381)	[1]						-0.000300 JB (0.00381)
Iron	30.8 (0.00596)	22.6 (0.00596)	[1]						57.2 (0.00596)
Lead	0.00117 J (0.0270)	0.00121 J (0.0270)	[1]						0.0136 J (0.0270)
Magnesium	40.0 (0.0228)	20.4 (0.0228)	[1]						30.3 (0.0228)
Manganese	16.2 (0.000395)	2.07 (0.000395)	[1]						11.2 (0.000395)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID						
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID			
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID			
SW6010 - Metals, cont. (mg/L)	005	005	005	005			
	05-MW-01	05-MW-02	05-MW-02	05-MW-03			
	05-MW-01-03	05-MW-02-03	05-MW-02-03 Dup of	05-MW-03-03			
			05-MW-02-03				
Molybdenum	-0.000860 JB (0.00463)	[1]	-0.00342 JB (0.00463)	[1]	NA	0.0000600 JB (0.00463)	[1]
Nickel	-0.000750 JB (0.00986)	[1]	0.000490 JB (0.00986)	[1]	NA	0.000370 JB (0.00986)	[1]
Potassium	3.26 (0.00287)	[1]	1.77 (0.00287)	[1]	NA	5.38 (0.00287)	[1]
Selenium	0.00627 J (0.0417)	[1]	0.00498 J (0.0417)	[1]	NA	0.00904 J (0.0417)	[1]
Silver	0.00109 JB (0.00492)	[1]	-0.00163 JB (0.00492)	[1]	NA	-0.00177 JB (0.00492)	[1]
Sodium	6.20 (0.0397)	[1]	3.89 (0.0397)	[1]	NA	4.32 (0.0397)	[1]
Thallium	0.0136 JB (0.0172)	[1]	0.00696 JB (0.0172)	[1]	NA	0.0115 JB (0.0172)	[1]
Vanadium	0.000430 JB (0.00236)	[1]	-0.000470 JB (0.00236)	[1]	NA	0.00112 JB (0.00236)	[1]
Zinc	0.00727 B (0.00153)	[1]	0.00875 (0.00153)	[1]	NA	0.00585 B (0.00153)	[1]
SW7060 - Arsenic (mg/L)							
Arsenic	0.0255 (0.000657)	[1]	0.0108 (0.000657)	[1]	NA	0.00370 (0.000657)	[1]
SW7421 - Lead (mg/L)							
Lead	0.00160 B (0.00110)	[1]	0.00120 B (0.00110)	[1]	NA	0.00230 B (0.00110)	[1]
SW7470 - Mercury (mg/L)							
Mercury	-0.0000300 JB (0.0000480)	[1]	-0.0000600 JB (0.0000480)	[1]	NA	-0.0000700 JB (0.0000480)	[1]
SW7740 - Selenium (mg/L)							
Selenium	-0.00100 JB (0.00144)	[1]	-0.00250 JB (0.00144)	[1]	NA	-0.00300 JB (0.00144)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		SAMPLE ID		SAMPLE ID		SAMPLE ID			
E160.1 - Residue, Filterable (TDS) (mg/L)	NA	NA	NA	NA	NA	NA	NA	NA	489	(10.0)	[1]	
Total dissolved solids	NA	NA	NA	NA	NA	NA	NA	NA	2.28	(0.0200)	[1]	
E300 - Anions (mg/L)	NA	NA	NA	NA	NA	NA	NA	NA	19.1	(0.0600)	[1]	
Chloride	NA	NA	NA	NA	NA	NA	NA	NA				
Sulfate	NA	NA	NA	NA	NA	NA	NA	NA				
E353.1 - Nitrate-Nitrite (mg/L)	NA	NA	NA	NA	NA	NA	NA	NA	ND	(0.0100)	[1]	
Nitrate-Nitrite as N	NA	NA	NA	NA	NA	NA	NA	NA				
SW6010 - Metals (mg/L)	0.0131	JB (0.0284)	[1]	0.0253	JB (0.0284)	[1]	0.0133	JB (0.0284)	[1]	0.0113	JB (0.0284)	[1]
Aluminum	-0.0225	JB (0.0241)	[1]	-0.00194	JB (0.0241)	[1]	-0.0236	JB (0.0241)	[1]	-0.00467	JB (0.0241)	[1]
Antimony	-0.0149	J (0.0225)	[1]	-0.0109	J (0.0225)	[1]	-0.0236	J (0.0225)	[1]	-0.00378	J (0.0225)	[1]
Arsenic	0.594	(0.000530)	[1]	0.942	(0.000530)	[1]	0.888	(0.000530)	[1]	0.328	(0.000530)	[1]
Barium	0.0000500	JB (0.000554)	[1]	-0.0000100	JB (0.000554)	[1]	-0.0000900	JB (0.000554)	[1]	0.000200	JB (0.000554)	[1]
Beryllium	0.000240	JB (0.00172)	[1]	0.00201	B (0.00172)	[1]	0.00179	B (0.00172)	[1]	0.000600	JB (0.00172)	[1]
Cadmium	172	(0.148)	[1]	194	(0.148)	[1]	168	(0.148)	[1]	133	(0.148)	[1]
Calcium	0.000390	JB (0.00249)	[1]	0.00147	JB (0.00249)	[1]	-0.000150	JB (0.00249)	[1]	-0.00104	JB (0.00249)	[1]
Chromium	0.00739	(0.00340)	[1]	0.00471	B (0.00340)	[1]	0.00188	JB (0.00340)	[1]	0.00258	JB (0.00340)	[1]
Cobalt	-0.000300	JB (0.00381)	[1]	0.000970	JB (0.00381)	[1]	-0.000510	JB (0.00381)	[1]	-0.000210	JB (0.00381)	[1]
Copper	55.5	(0.00596)	[1]	74.2	(0.00596)	[1]	84.7	(0.00596)	[1]	27.4	(0.00596)	[1]
Iron	-0.00304	J (0.0270)	[1]	0.0137	J (0.0270)	[1]	0.0166	J (0.0270)	[1]	-0.00430	J (0.0270)	[1]
Lead	30.0	(0.0228)	[1]	44.2	(0.0228)	[1]	33.9	(0.0228)	[1]	27.3	(0.0228)	[1]
Magnesium	11.0	(0.000395)	[1]	8.02	(0.000395)	[1]	14.5	(0.000395)	[1]	2.81	(0.000395)	[1]
Manganese												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals, cont. (mg/L)										
Molybdenum	0.00139 JB (0.00463)	[1]	0.00159 JB (0.00463)	[1]	0.00110 JB (0.00463)	[1]	-0.00136 JB (0.00463)	[1]		
Nickel	0.00350 JB (0.00986)	[1]	-0.00175 JB (0.00986)	[1]	0.00225 JB (0.00986)	[1]	0.0127 (0.00986)	[1]		
Potassium	5.49 (0.00287)	[1]	2.84 (0.00287)	[1]	3.24 (0.00287)	[1]	2.32 (0.00287)	[1]		
Selenium	0.0194 J (0.0417)	[1]	0.0330 J (0.0417)	[1]	0.00590 J (0.0417)	[1]	0.0135 J (0.0417)	[1]		
Silver	-0.000120 JB (0.00492)	[1]	0.00142 JB (0.00492)	[1]	-0.00228 JB (0.00492)	[1]	-0.00151 JB (0.00492)	[1]		
Sodium	4.37 (0.0397)	[1]	5.24 (0.0397)	[1]	5.80 (0.0397)	[1]	5.33 (0.0397)	[1]		
Thallium	0.00862 JB (0.0172)	[1]	0.00748 JB (0.0172)	[1]	0.0189 B (0.0172)	[1]	0.0191 B (0.0172)	[1]		
Vanadium	0.00246 B (0.00236)	[1]	0.00341 B (0.00236)	[1]	0.00461 (0.00236)	[1]	-0.000600 JB (0.00236)	[1]		
Zinc	0.00846 (0.00153)	[1]	0.00708 B (0.00153)	[1]	0.00826 (0.00153)	[1]	0.0187 (0.00153)	[1]		
SW7060 - Arsenic (mg/L)										
Arsenic	0.0106 (0.000657)	[1]	0.0294 (0.000657)	[1]	0.0335 (0.000657)	[1]	0.0137 (0.000657)	[1]		
SW7421 - Lead (mg/L)										
Lead	0.00250 B (0.00110)	[1]	0.00250 B (0.00110)	[1]	0.0135 (0.00110)	[1]	0.00160 B (0.00110)	[1]		
SW7470 - Mercury (mg/L)										
Mercury	-0.000100 JB (0.0000480)	[1]	-0.0000900 JB (0.0000480)	[1]	-0.000120 JB (0.0000480)	[1]	-0.0000700 JB (0.0000480)	[1]		
SW7740 - Selenium (mg/L)										
Selenium	-0.00250 JB (0.00144)	[1]	-0.00150 JB (0.00144)	[1]	-0.00270 JB (0.00144)	[1]	-0.00300 JB (0.00144)	[1]		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
E160.1 - Residue, Filterable (TDS) (mg/L)												
Total dissolved solids	687	(8.67)	[1]	594	(8.67)	[1]	605	(8.67)	[1]	550	(8.67)	[1]
E160.2 - Residue, Non-Filterable (mg/L)												
Total suspended solids	< DL	(7.90)	[1]	8.00	(7.90)	[1]	8.00	(7.90)	[1]	< DL	(7.90)	[1]
E300 - Anions (mg/L)												
Chloride	7.76	(0.100)	[5]	1.93	(0.0400)	[2]	1.99	(0.0200)	[1]	2.45	(0.0200)	[1]
Sulfate	38.7	(0.300)	[5]	23.5	(0.120)	[2]	23.7	(0.0600)	[1]	22.2	(0.0600)	[1]
E353.1 - Nitrate-Nitrite (mg/L)												
Nitrate-Nitrite as N	0.0456	(0.0100)	[1]	0.124	(0.0100)	[1]	0.157	(0.0100)	[1]	0.160	(0.0100)	[1]
SW6010 - Metals (mg/L)												
Aluminum	0.000430	JB (0.0284)	[1]	0.0128	JB (0.0284)	[1]	0.0108	JB (0.0284)	[1]	0.0118	JB (0.0284)	[1]
Antimony	-0.0276	JB (0.0241)	[1]	-0.00924	JB (0.0241)	[1]	-0.0108	JB (0.0241)	[1]	-0.0125	JB (0.0241)	[1]
Arsenic	-0.000780	J (0.0225)	[1]	-0.0140	J (0.0225)	[1]	-0.0117	J (0.0225)	[1]	-0.00479	J (0.0225)	[1]
Barium	0.239	(0.000530)	[1]	0.237	(0.000530)	[1]	0.234	(0.000530)	[1]	0.293	(0.000530)	[1]
Beryllium	-0.000750	JB (0.000554)	[1]	-0.000250	JB (0.000554)	[1]	0.000260	JB (0.000554)	[1]	-0.000300	JB (0.000554)	[1]
Cadmium	0.00193	B (0.00172)	[1]	0.00430	(0.00172)	[1]	0.00315	B (0.00172)	[1]	0.0126	(0.00172)	[1]
Calcium	192	(0.148)	[1]	176	(0.148)	[1]	173	(0.148)	[1]	154	(0.148)	[1]
Chromium	-0.000810	JB (0.00249)	[1]	0.000560	JB (0.00249)	[1]	-0.00176	JB (0.00249)	[1]	0.00213	JB (0.00249)	[1]
Cobalt	0.00715	(0.00340)	[1]	0.00554	(0.00340)	[1]	0.00365	B (0.00340)	[1]	0.00345	B (0.00340)	[1]
Copper	0.000580	JB (0.00381)	[1]	0.00991	B (0.00381)	[1]	0.00823	B (0.00381)	[1]	-0.00227	JB (0.00381)	[1]
Iron	0.180	(0.00596)	[1]	-0.00346	JB (0.00596)	[1]	-0.00582	JB (0.00596)	[1]	0.119	B (0.00596)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	005		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW6010 - Metals, cont. (mg/L)										
Lead	-0.0238 J (0.0270)	[1]	-0.000810 J (0.0270)	[1]	0.00292 J (0.0270)	[1]	0.193 (0.0270)	[1]		
Magnesium	44.7 (0.0228)	[1]	32.6 (0.0228)	[1]	31.9 (0.0228)	[1]	31.5 (0.0228)	[1]		
Manganese	0.866 (0.000395)	[1]	0.380 (0.000395)	[1]	0.391 (0.000395)	[1]	3.14 (0.000395)	[1]		
Molybdenum	0.000880 JB (0.00463)	[1]	-0.00244 JB (0.00463)	[1]	-0.00304 JB (0.00463)	[1]	-0.00168 JB (0.00463)	[1]		
Nickel	0.0214 (0.00986)	[1]	0.0136 (0.00986)	[1]	0.00911 J (0.00986)	[1]	0.00290 JB (0.00986)	[1]		
Potassium	4.64 (0.370)	[1]	4.35 (0.370)	[1]	4.02 (0.370)	[1]	3.38 (0.370)	[1]		
Selenium	0.0180 J (0.0417)	[1]	-0.0230 J (0.0417)	[1]	-0.00225 J (0.0417)	[1]	-0.00296 J (0.0417)	[1]		
Silver	0.000610 JB (0.00492)	[1]	-0.000830 JB (0.00492)	[1]	-0.00356 JB (0.00492)	[1]	-0.00162 JB (0.00492)	[1]		
Sodium	13.0 (0.0397)	[1]	9.44 (0.0397)	[1]	9.11 (0.0397)	[1]	8.40 (0.0397)	[1]		
Thallium	0.00717 JB (0.0172)	[1]	-0.000220 JB (0.0172)	[1]	0.00933 JB (0.0172)	[1]	-0.00630 JB (0.0172)	[1]		
Vanadium	0.00140 JB (0.00236)	[1]	0.000210 JB (0.00236)	[1]	-0.000770 JB (0.00236)	[1]	-0.00185 JB (0.00236)	[1]		
Zinc	0.00594 B (0.00153)	[1]	0.00232 B (0.00153)	[1]	0.00289 B (0.00153)	[1]	0.00727 B (0.00153)	[1]		
SW7060 - Arsenic (mg/L)										
Arsenic	0.000800 (0.000657)	[1]	-0.00266 JB (0.000984)	[1]	-0.0940 JB (0.0492)	[1]	-0.00290 JB (0.000657)	[1]		
SW7421 - Lead (mg/L)										
Lead	0.0100 (0.000800)	[1]	0.000700 JB (0.000800)	[1]	0.00260 B (0.000800)	[1]	0.00720 S (0.000800)	[1]		
SW7470 - Mercury (mg/L)										
Mercury	-0.0000200 JB (0.0000480)	[1]	-0.0000100 JB (0.0000480)	[1]	-0.0000300 JB (0.0000480)	[1]	0.0000200 JB (0.0000480)	[1]		
SW7740 - Selenium (mg/L)										
Selenium	-0.000444 JB (0.000843)	[1]	-0.000583 JB (0.000843)	[1]	-0.00571 JB (0.000843)	[1]	-0.00455 JB (0.000843)	[1]		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
	005	005
	05-MW-13	05-MW-14
	05-MW-13-01	05-MW-14-01
		05-MW-14-DS-01 Dup of
		05-MW-14-01
		005
		05-MW-15
		05-MW-15-01

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID	UNIT	CONCENTRATION	STATUS	REMARKS
	008	008						
	06-MW-01	06-MW-03						
E160.1 - Residue, Filterable (TDS) (mg/L)								
Total dissolved solids	823	(10.0)	[1]	NA		710	(10.0)	[1]
E300 - Anions (mg/L)								
Chloride	26.6	(0.100)	[5]	NA		65.2	(0.200)	[10]
Sulfate	8.85	(0.0600)	[1]	NA		0.00	JB (0.0600)	[1]
E353.1 - Nitrate-Nitrite (mg/L)								
Nitrate-Nitrite as N	ND	(0.0100)	[1]	NA		ND	(0.0100)	[1]
SW6010 - Metals (mg/L)								
Aluminum	0.0116	JB (0.0280)	[1]	0.00452	JB (0.0280)	[1]	0.00989	JB (0.0280)
Antimony	-0.00629	JB (0.0240)	[1]	0.0221	JB (0.0240)	[1]	0.0295	B (0.0240)
Arsenic	-0.00747	J (0.0230)	[1]	-0.00685	J (0.0230)	[1]	0.0131	J (0.0230)
Barium	0.808	(0.000530)	[1]	0.545	(0.000530)	[1]	0.641	(0.000530)
Beryllium	0.000140	JB (0.000550)	[1]	-0.000110	JB (0.000550)	[1]	0.000270	JB (0.000550)
Cadmium	0.00177	B (0.00170)	[1]	0.00651	(0.00170)	[1]	0.000300	JB (0.00170)
Calcium	205	(0.150)	[1]	199	(0.150)	[1]	181	(0.150)
Chromium	0.00254	B (0.00250)	[1]	0.00286	B (0.00250)	[1]	-0.000570	JB (0.00250)
Cobalt	0.00217	JB (0.00340)	[1]	0.00214	JB (0.00340)	[1]	0.00627	(0.00340)
Copper	0.00100	JB (0.00380)	[1]	0.000640	JB (0.00380)	[1]	0.000760	JB (0.00380)
Iron	30.5	(0.00600)	[1]	27.5	(0.00600)	[1]	20.5	(0.00600)
Lead	0.0324	(0.0270)	[1]	0.0553	(0.0270)	[1]	0.00197	J (0.0270)
Magnesium	41.7	(0.0230)	[1]	38.6	(0.0230)	[1]	32.7	(0.0230)
Manganese	2.80	(0.000390)	[1]	5.50	(0.000390)	[1]	3.86	(0.000390)
Molybdenum	0.000200	JB (0.00460)	[1]	-0.00295	JB (0.00460)	[1]	-0.00141	JB (0.00460)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			008			008		
	LOCATION ID	06-MW-01	06-MW-02	LOCATION ID	06-MW-03	06-MW-04	LOCATION ID	06-MW-03	06-MW-04	LOCATION ID	06-MW-03	06-MW-04
SAMPLE ID	06-MW-01-03	06-MW-02-03	SAMPLE ID	06-MW-03-03	06-MW-04-03	SAMPLE ID	06-MW-03-03	06-MW-04-03	SAMPLE ID	06-MW-03-03	06-MW-04-03	
SW6010 - Metals, cont. (mg/L)												
Nickel	-0.00322 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]	0.00367 JB (0.00990)	[1]	-0.0126 JB (0.00990)	[1]				
Potassium	5.33 (0.370)	[1]	5.27 (0.370)	[1]	3.60 (0.370)	[1]	4.48 (0.370)	[1]				
Selenium	-0.0220 J (0.0420)	[1]	0.00502 J (0.0420)	[1]	0.0280 J (0.0420)	[1]	0.00983 J (0.0420)	[1]				
Silver	-0.00235 JB (0.00490)	[1]	-0.000470 JB (0.00490)	[1]	-0.00154 JB (0.00490)	[1]	-0.00180 JB (0.00490)	[1]				
Sodium	36.8 (0.0400)	[1]	33.4 (0.0400)	[1]	15.8 (0.0400)	[1]	47.3 (0.0400)	[1]				
Thallium	-0.00262 JB (0.0170)	[1]	-0.0185 JB (0.0170)	[1]	-0.0174 JB (0.0170)	[1]	-0.0173 JB (0.0170)	[1]				
Vanadium	-0.00413 JB (0.00240)	[1]	-0.00288 JB (0.00240)	[1]	-0.00341 JB (0.00240)	[1]	-0.00300 JB (0.00240)	[1]				
Zinc	0.00604 B (0.00150)	[1]	0.00775 B (0.00150)	[1]	0.0182 (0.00150)	[1]	0.0111 (0.00150)	[1]				
SW7060 - Arsenic (mg/L)												
Arsenic	0.0101 (0.000657)	[1]	0.00800 (0.000657)	[1]	0.00210 (0.000650)	[1]	0.0284 (0.000657)	[1]				
SW7421 - Lead (mg/L)												
Lead	0.00950 (0.00110)	[1]	0.00860 (0.00110)	[1]	-0.00160 JB (0.00110)	[1]	-0.000800 JB (0.00110)	[1]				
SW7470 - Mercury (mg/L)												
Mercury	0.000140 B (0.0000480)	[1]	0.000200 (0.0000480)	[1]	-0.0000700 JB (0.0000480)	[1]	0.000220 (0.0000480)	[1]				
SW7740 - Selenium (mg/L)												
Selenium	-0.00240 JB (0.00144)	[1]	-0.00270 JB (0.00144)	[1]	-0.00380 JB (0.00144)	[1]	-0.00240 JB (0.00144)	[1]				

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	3	3
	06-MW-07	06-MW-07	07-MW-01	07-MW-02
	06-MW-07-01	06-MW-07-DS-01 Dup of	07-MW-01-03	07-MW-02-03
		06-MW-07-01		

E160.1 - Residue, Filterable (TDS) (mg/L)	909	(8.67) [1]	904	(8.67) [1]
Total dissolved solids			630	(8.67) [1]
E160.2 - Residue, Non-Filterable (mg/L)	< DL	(7.90) [1]	NA	NA
Total suspended solids			NA	NA
E300 - Anions (mg/L)				
Chloride	16.3	(0.100) [5]	17.2	(0.100) [5]
Sulfate	59.9	(0.300) [5]	60.0	(0.300) [5]
E353.1 - Nitrate-Nitrite (mg/L)	ND	(0.0100) [1]	ND	(0.0100) [1]
Nitrate-Nitrite as N			NA	NA
SW6010 - Metals (mg/L)				
Aluminum	-0.00482	JB (0.0284) [1]	-0.00404	JB (0.0284) [1]
Antimony	-0.0111	JB (0.0241) [1]	0.000330	JB (0.0241) [1]
Arsenic	0.00232	J (0.0225) [1]	-0.0132	J (0.0225) [1]
Barium	0.355	(0.000530) [1]	0.343	(0.000530) [1]
Beryllium	-0.000370	JB (0.000554) [1]	-0.000300	JB (0.000554) [1]
Cadmium	0.00286	B (0.00172) [1]	0.00181	B (0.00172) [1]
Calcium	233	(0.148) [1]	228	(0.148) [1]
Chromium	-0.00197	JB (0.00249) [1]	0.000500	JB (0.00249) [1]
Cobalt	0.00766	(0.00340) [1]	0.00985	(0.00340) [1]
Copper	0.00131	JB (0.00381) [1]	0.00	JB (0.00381) [1]
Iron	0.352	(0.00596) [1]	0.217	(0.00596) [1]
			0.0204	JB (0.0280) [1]
			-0.00491	JB (0.0240) [1]
			0.0113	J (0.0230) [1]
			0.908	(0.000530) [1]
			-0.0000100	JB (0.000550) [1]
			0.00135	JB (0.00170) [1]
			105	(0.150) [1]
			0.00361	B (0.00250) [1]
			-0.000550	JB (0.00340) [1]
			0.00237	JB (0.00380) [1]
			12.6	(0.00600) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID

LOCATION ID
SAMPLE ID

008
06-MW-07
06-MW-07-01

008
06-MW-07
06-MW-07-DS-01 Dup of
06-MW-07-01

3
07-MW-01
07-MW-01-03

3
07-MW-02
07-MW-02-03

PARAMETER

SW6010 - Metals, cont. (mg/L)

Lead	-0.0122 J (0.0270)	[1]	-0.00530 J (0.0270)	[1]	0.00910 J (0.0270)	[1]	0.0142 J (0.0270)	[1]
Magnesium	62.6 (0.0228)	[1]	61.5 (0.0228)	[1]	65.6 (0.0228)	[1]	99.6 (0.0230)	[1]
Manganese	1.75 (0.000395)	[1]	1.95 (0.000395)	[1]	0.783 (0.000395)	[1]	0.155 (0.000390)	[1]
Molybdenum	0.00126 JB (0.00463)	[1]	-0.000760 JB (0.00463)	[1]	-0.00223 JB (0.00463)	[1]	-0.00110 JB (0.00460)	[1]
Nickel	0.0164 (0.00986)	[1]	0.0229 (0.00986)	[1]	0.00627 JB (0.00986)	[1]	-0.0106 JB (0.00990)	[1]
Potassium	5.84 (0.370)	[1]	5.94 (0.370)	[1]	4.11 (0.00287)	[1]	5.12 (0.370)	[1]
Selenium	0.00893 J (0.0417)	[1]	-0.00625 J (0.0417)	[1]	-0.0178 J (0.0417)	[1]	-0.0188 J (0.0420)	[1]
Silver	-0.00204 JB (0.00492)	[1]	0.000240 JB (0.00492)	[1]	-0.00139 JB (0.00492)	[1]	-0.000550 JB (0.00490)	[1]
Sodium	14.0 (0.0397)	[1]	13.8 (0.0397)	[1]	25.2 (0.0397)	[1]	61.0 (0.0400)	[1]
Thallium	-0.0138 JB (0.0172)	[1]	0.00105 JB (0.0172)	[1]	0.00920 JB (0.0172)	[1]	0.0112 JB (0.0170)	[1]
Vanadium	0.000880 JB (0.00236)	[1]	0.00215 JB (0.00236)	[1]	0.000570 JB (0.00236)	[1]	0.00247 B (0.00240)	[1]
Zinc	0.00739 B (0.00153)	[1]	0.00596 B (0.00153)	[1]	0.00506 B (0.00153)	[1]	0.00385 B (0.00150)	[1]

SW7060 - Arsenic (mg/L)

Arsenic	0.0132 (0.000657)	[1]	0.000700 (0.000657)	[1]	0.0110 (0.000657)	[1]	0.00780 (0.000650)	[1]
---------	--------------------	-----	----------------------	-----	--------------------	-----	---------------------	-----

SW7421 - Lead (mg/L)

Lead	0.00300 B (0.000800)	[1]	0.00200 B (0.000800)	[1]	0.00140 B (0.000800)	[1]	0.0108 (0.00110)	[1]
------	-----------------------	-----	-----------------------	-----	-----------------------	-----	-------------------	-----

SW7470 - Mercury (mg/L)

Mercury	0.0000500 B (0.0000480)	[1]	-0.0000500 JB (0.0000480)	[1]	-0.000120 JB (0.0000480)	[1]	-0.0000600 JB (0.0000480)	[1]
---------	--------------------------	-----	----------------------------	-----	---------------------------	-----	----------------------------	-----

SW7740 - Selenium (mg/L)

Selenium	-0.00480 JB (0.00169)	[2]	-0.00515 JB (0.000843)	[1]	-0.00440 JB (0.00144)	[1]	0.00712 SF (0.00288)	[2]
----------	------------------------	-----	-------------------------	-----	------------------------	-----	-----------------------	-----

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	LOCATION ID	SAMPLE ID
	008	06-MW-07	06-MW-07-01
		06-MW-07-DS-01 Dup of	06-MW-07-01
	3	07-MW-01	07-MW-01-03
	3	07-MW-02	07-MW-02-03

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	3		3		3		3	
	777	825	794	867	867	867	NA	NA
E160.1 - Residue, Filterable (TDS) (mg/L)								
Total dissolved solids	877	(10.0)	[1]	(8.67)	[1]	(8.67)	[1]	NA
SW6010 - Metals (mg/L)								
Aluminum	0.0240	JB (0.0280)	[1]	0.00110	JB (0.0284)	[1]	0.0231	JB (0.0284)
Antimony	0.0378	(0.0240)	[1]	0.0311	B (0.0241)	[1]	0.0326	B (0.0241)
Arsenic	0.0159	J (0.0230)	[1]	-0.0450	J (0.0225)	[1]	-0.0140	J (0.0225)
Barium	0.911	(0.000530)	[1]	0.124	(0.000530)	[1]	0.169	(0.000530)
Beryllium	-0.000390	JB (0.000550)	[1]	-0.000970	JB (0.000554)	[1]	0.000300	JB (0.000554)
Cadmium	0.000120	JB (0.00170)	[1]	0.00145	JB (0.00172)	[1]	0.000740	JB (0.00172)
Calcium	105	(0.150)	[1]	116	(0.148)	[1]	142	(0.148)
Chromium	0.00817	(0.00250)	[1]	0.00543	(0.00249)	[1]	0.00440	B (0.00249)
Cobalt	-0.000180	JB (0.00340)	[1]	0.00711	(0.00340)	[1]	0.0100	(0.00340)
Copper	0.00191	JB (0.00380)	[1]	0.00677	B (0.00381)	[1]	0.00337	JB (0.00381)
Iron	12.6	(0.00600)	[1]	2.89	(0.00596)	[1]	0.513	(0.00596)
Lead	0.0193	J (0.0270)	[1]	-0.0146	J (0.0270)	[1]	-0.0138	J (0.0270)
Magnesium	99.1	(0.0230)	[1]	110	(0.0228)	[1]	78.5	(0.0228)
Manganese	0.158	(0.000390)	[1]	1.18	(0.000395)	[1]	1.73	(0.000395)
Molybdenum	0.0000400	JB (0.00460)	[1]	-0.00370	JB (0.00463)	[1]	0.000110	JB (0.00463)
Nickel	-0.00529	JB (0.00990)	[1]	0.00859	J (0.00986)	[1]	0.00	JB (0.00986)
Potassium	4.76	(0.370)	[1]	4.43	(0.00287)	[1]	4.75	(0.00287)
Selenium	0.0142	J (0.0420)	[1]	-0.0418	J (0.0417)	[1]	-0.00660	J (0.0417)
Silver	-0.00226	JB (0.00490)	[1]	0.00133	JB (0.00492)	[1]	0.000110	JB (0.00492)
Sodium	60.9	(0.0400)	[1]	33.9	(0.0397)	[1]	25.1	(0.0397)
Thallium	0.0243	B (0.0170)	[1]	0.0144	JB (0.0172)	[1]	0.00810	JB (0.0172)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	3		3		3	
	07-MW-02	07-MW-03	07-MW-04	07-MW-03	07-SW-03	07-SW-03-01
	07-MW-02-DS-03 Dup of 07-MW-02-03	07-MW-03-03	07-MW-04-03			
	07-MW-02-03	07-MW-03-03	07-MW-04-03			
	07-MW-02-03	07-MW-03-03	07-MW-04-03			
SW6010 - Metals, cont. (mg/L)						
Vanadium	0.00254 B (0.00240) [1]	0.00246 B (0.00236) [1]	0.00270 B (0.00236) [1]	0.00558 (0.00236) [1]	0.00558 (0.00236) [1]	0.00558 (0.00236) [1]
Zinc	0.00942 (0.00150) [1]	0.00425 B (0.00153) [1]	-0.000430 JB (0.00153) [1]	0.00993 (0.00153) [1]	0.00993 (0.00153) [1]	0.00993 (0.00153) [1]
SW7060 - Arsenic (mg/L)						
Arsenic	0.00840 (0.000650) [1]	0.00610 (0.000657) [1]	0.00170 (0.000657) [1]	0.00240 (0.000657) [1]	0.00240 (0.000657) [1]	0.00240 (0.000657) [1]
SW7421 - Lead (mg/L)						
Lead	0.0107 (0.00110) [1]	0.00410 B (0.000800) [1]	0.00420 B (0.000800) [1]	0.00160 B (0.00105) [1]	0.00160 B (0.00105) [1]	0.00160 B (0.00105) [1]
SW7470 - Mercury (mg/L)						
Mercury	-0.0000800 JB (0.0000480) [1]	0.00 JB (0.0000480) [1]	0.0000400 JB (0.0000480) [1]	-0.000100 JB (0.0000480) [1]	-0.000100 JB (0.0000480) [1]	-0.000100 JB (0.0000480) [1]
SW7740 - Selenium (mg/L)						
Selenium	0.00120 SJ (0.00144) [1]	-0.00230 JB (0.00144) [1]	-0.00270 JB (0.00144) [1]	-0.00300 JB (0.000843) [1]	-0.00300 JB (0.000843) [1]	-0.00300 JB (0.000843) [1]

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID														
	3				3				3						
	LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID		LOCATION ID		SAMPLE ID				
SW6010 - Metals (mg/L)															
Aluminum	-0.00356	JB (0.0284)	[1]	0.0000100	JB (0.0284)	[1]	0.0000300	JB (0.0284)	[1]	-0.0204	JB (0.0284)	[1]	-0.0204	JB (0.0284)	[1]
Antimony	-0.0134	JB (0.0241)	[1]	-0.00239	JB (0.0241)	[1]	-0.0104	JB (0.0241)	[1]	-0.00954	JB (0.0241)	[1]	-0.00954	JB (0.0241)	[1]
Arsenic	-0.00767	J (0.0225)	[1]	-0.00250	J (0.0225)	[1]	0.0115	J (0.0225)	[1]	-0.0142	J (0.0225)	[1]	-0.0142	J (0.0225)	[1]
Barium	0.196	(0.000530)	[1]	0.230	(0.000530)	[1]	0.269	(0.000530)	[1]	0.292	(0.000530)	[1]	0.292	(0.000530)	[1]
Beryllium	-0.000430	JB (0.000554)	[1]	-0.000420	JB (0.000554)	[1]	-0.000270	JB (0.000554)	[1]	-0.000430	JB (0.000554)	[1]	-0.000430	JB (0.000554)	[1]
Cadmium	-0.00156	JB (0.00172)	[1]	-0.000870	JB (0.00172)	[1]	-0.000970	JB (0.00172)	[1]	0.000450	JB (0.00172)	[1]	0.000450	JB (0.00172)	[1]
Calcium	82.6	(0.148)	[1]	94.5	(0.148)	[1]	113	(0.148)	[1]	114	(0.148)	[1]	114	(0.148)	[1]
Chromium	0.00202	JB (0.00249)	[1]	-0.00184	JB (0.00249)	[1]	0.00387	B (0.00249)	[1]	0.000810	JB (0.00249)	[1]	0.000810	JB (0.00249)	[1]
Cobalt	0.00234	JB (0.00340)	[1]	-0.000580	JB (0.00340)	[1]	0.00506	B (0.00340)	[1]	0.00204	JB (0.00340)	[1]	0.00204	JB (0.00340)	[1]
Copper	0.00116	JB (0.00381)	[1]	-0.00232	JB (0.00381)	[1]	0.00129	JB (0.00381)	[1]	0.00164	JB (0.00381)	[1]	0.00164	JB (0.00381)	[1]
Iron	3.86	(0.00596)	[1]	2.61	(0.00596)	[1]	0.561	(0.00596)	[1]	0.470	(0.00596)	[1]	0.470	(0.00596)	[1]
Lead	0.0180	J (0.0270)	[1]	-0.0206	J (0.0270)	[1]	0.0349	(0.0270)	[1]	0.0284	(0.0270)	[1]	0.0284	(0.0270)	[1]
Magnesium	45.2	(0.0228)	[1]	44.1	(0.0228)	[1]	49.1	(0.0228)	[1]	47.5	(0.0228)	[1]	47.5	(0.0228)	[1]
Manganese	0.266	(0.000395)	[1]	0.560	(0.000395)	[1]	0.632	(0.000395)	[1]	0.467	(0.000395)	[1]	0.467	(0.000395)	[1]
Molybdenum	-0.00282	JB (0.00463)	[1]	-0.0000800	JB (0.00463)	[1]	0.000200	JB (0.00463)	[1]	-0.00238	JB (0.00463)	[1]	-0.00238	JB (0.00463)	[1]
Nickel	0.0124	(0.00986)	[1]	0.00467	JB (0.00986)	[1]	0.00608	JB (0.00986)	[1]	0.0167	(0.00986)	[1]	0.0167	(0.00986)	[1]
Potassium	0.470	B (0.00287)	[1]	0.402	B (0.00287)	[1]	1.49	(0.00287)	[1]	1.20	(0.00287)	[1]	1.20	(0.00287)	[1]
Selenium	0.00947	J (0.0417)	[1]	0.0161	J (0.0417)	[1]	0.0129	J (0.0417)	[1]	-0.0250	J (0.0417)	[1]	-0.0250	J (0.0417)	[1]
Silver	-0.00242	JB (0.00492)	[1]	-0.00457	JB (0.00492)	[1]	-0.00156	JB (0.00492)	[1]	-0.000519	JB (0.00492)	[1]	-0.000519	JB (0.00492)	[1]
Sodium	230	(0.0397)	[1]	188	(0.0397)	[1]	179	(0.0397)	[1]	178	(0.0397)	[1]	178	(0.0397)	[1]
Thallium	0.000720	JB (0.0172)	[1]	0.0226	B (0.0172)	[1]	0.0155	JB (0.0172)	[1]	0.0189	B (0.0172)	[1]	0.0189	B (0.0172)	[1]
Vanadium	0.0000300	JB (0.00236)	[1]	-0.00200	JB (0.00236)	[1]	0.00246	B (0.00236)	[1]	-0.00127	JB (0.00236)	[1]	-0.00127	JB (0.00236)	[1]
Zinc	0.00921	(0.00153)	[1]	0.00663	B (0.00153)	[1]	0.00517	B (0.00153)	[1]	0.00485	B (0.00153)	[1]	0.00485	B (0.00153)	[1]

SW7060 - Arsenic (mg/L)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor MD = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
SW7060 - Arsenic, cont. (mg/L)	3 07-SW-04 07-SW-04-01	3 07-SW-05 07-SW-05-01	3 07-SW-06 07-SW-06-01	3 07-SW-07 07-SW-07-01		
Arsenic	0.00210 (0.000657) [1]	0.00250 (0.000657) [1]	0.00 J (0.000657) [1]	-0.00180 JB (0.000657) [1]		
SW7421 - Lead (mg/L)	0.00341 B (0.00105) [1]	0.00637 B (0.00105) [1]	0.00652 B (0.00105) [1]	0.00677 B (0.00105) [1]		
SW7470 - Mercury (mg/L)	-0.000160 JB (0.0000480) [1]	-0.0000900 JB (0.0000480) [1]	-0.000140 JB (0.0000480) [1]	-0.000110 JB (0.0000480) [1]		
SW7740 - Selenium (mg/L)	-0.00354 JB (0.000843) [1]	-0.00298 JB (0.000843) [1]	-0.00364 JB (0.000843) [1]	-0.00380 JB (0.000843) [1]		

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			DILUTION FACTOR	DETECTION LIMIT	STATUS	REMARKS
	LOCATION ID	LOCATION ID	LOCATION ID				

E160.1 - Residue, Filterable (TDS) (mg/L)	NA	615 (10.0)	[1]	NA	NA	672 (10.0)	[1]
Total dissolved solids	NA	615 (10.0)	[1]	NA	NA	672 (10.0)	[1]

E300 - Anions (mg/L)	NA	27.8 (0.100)	[5]	NA	NA	33.2 (0.100)	[5]
Chloride	NA	27.8 (0.100)	[5]	NA	NA	33.2 (0.100)	[5]
Sulfate	NA	2.03 (0.0600)	[1]	NA	NA	2.97 (0.0600)	[1]

E353.1 - Nitrate-Nitrite (mg/L)	NA	ND (0.0100)	[1]	NA	NA	ND (0.0100)	[1]
Nitrate-Nitrite as N	NA	ND (0.0100)	[1]	NA	NA	ND (0.0100)	[1]

SW6010 - Metals (mg/L)	0.00936 JB (0.0280)	0.00183 JB (0.0280)	[1]	0.00232 JB (0.0280)	0.00977 JB (0.0280)	0.00977 JB (0.0280)	[1]
Aluminum	0.00350 JB (0.0240)	0.0220 JB (0.0240)	[1]	0.0181 JB (0.0240)	0.0119 JB (0.0240)	0.0119 JB (0.0240)	[1]
Antimony	0.0255 (0.0230)	0.00352 J (0.0230)	[1]	0.0142 J (0.0230)	0.00734 J (0.0230)	0.00734 J (0.0230)	[1]
Arsenic	0.894 (0.000530)	0.592 (0.000530)	[1]	0.643 (0.000530)	0.676 (0.000530)	0.676 (0.000530)	[1]
Barium	0.00390 JB (0.00170)	-0.000120 JB (0.000550)	[1]	-0.000230 JB (0.000550)	-0.000500 JB (0.000550)	-0.000500 JB (0.000550)	[1]
Beryllium	174 (0.150)	0.00440 (0.00170)	[1]	-0.000470 JB (0.00170)	-0.000360 JB (0.00170)	-0.000360 JB (0.00170)	[1]
Cadmium	0.00110 JB (0.00250)	0.00490 (0.00250)	[1]	-0.00171 JB (0.00250)	166 (0.150)	166 (0.150)	[1]
Calcium	0.000460 JB (0.00340)	0.00256 JB (0.00340)	[1]	0.00265 JB (0.00340)	0.00394 B (0.00250)	0.00394 B (0.00250)	[1]
Chromium	0.00247 JB (0.00380)	0.000520 JB (0.00380)	[1]	0.0000700 JB (0.00380)	-0.000230 JB (0.00380)	-0.000230 JB (0.00380)	[1]
Cobalt	63.9 (0.00600)	26.3 (0.00600)	[1]	24.3 (0.00600)	34.4 (0.00600)	34.4 (0.00600)	[1]
Copper	-0.0118 J (0.0270)	0.0322 (0.0270)	[1]	-0.00830 J (0.0270)	0.0142 J (0.0270)	0.0142 J (0.0270)	[1]
Iron	30.7 (0.0230)	25.7 (0.0230)	[1]	19.5 (0.0230)	27.9 (0.0230)	27.9 (0.0230)	[1]
Lead	7.46 (0.000390)	5.92 (0.000390)	[1]	2.70 (0.000390)	3.38 (0.000390)	3.38 (0.000390)	[1]
Magnesium	-0.00224 JB (0.00460)	-0.00160 JB (0.00460)	[1]	-0.00411 JB (0.00460)	-0.000520 JB (0.00460)	-0.000520 JB (0.00460)	[1]
Manganese							
Molybdenum							

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	008			
	09-MW-01	09-MW-02	09-MW-03	09-MW-04
SW6010 - Metals, cont. (mg/L)				
Nickel	0.00436 JB (0.00990) [1]	-0.00414 JB (0.00990) [1]	0.000910 JB (0.00990) [1]	-0.00483 JB (0.00990) [1]
Potassium	3.86 (0.370) [1]	3.90 (0.370) [1]	4.24 (0.370) [1]	4.40 (0.370) [1]
Selenium	-0.000200 J (0.0420) [1]	-0.00920 J (0.0420) [1]	-0.00899 J (0.0420) [1]	-0.00313 J (0.0420) [1]
Silver	-0.00242 JB (0.00490) [1]	-0.000930 JB (0.00490) [1]	-0.000590 JB (0.00490) [1]	-0.000140 JB (0.00490) [1]
Sodium	18.0 (0.0400) [1]	13.5 (0.0400) [1]	69.4 (0.0400) [1]	30.8 (0.0400) [1]
Thallium	0.0149 JB (0.0170) [1]	-0.0227 JB (0.0170) [1]	-0.0159 JB (0.0170) [1]	-0.00493 JB (0.0170) [1]
Vanadium	-0.000930 JB (0.00240) [1]	-0.00127 JB (0.00240) [1]	-0.00346 JB (0.00240) [1]	-0.000450 JB (0.00240) [1]
Zinc	0.0132 (0.00150) [1]	0.0111 (0.00150) [1]	0.00873 (0.00150) [1]	0.0105 (0.00150) [1]
SW7060 - Arsenic (mg/L)				
Arsenic	0.0143 (0.000650) [1]	0.0110 (0.000650) [1]	0.0101 (0.000657) [1]	0.0118 (0.000657) [1]
SW7421 - Lead (mg/L)				
Lead	0.00460 B (0.00110) [1]	0.00650 B (0.00110) [1]	0.00340 B (0.00110) [1]	0.00260 B (0.00110) [1]
SW7470 - Mercury (mg/L)				
Mercury	0.000210 (0.0000480) [1]	0.000210 (0.0000480) [1]	0.000140 B (0.0000480) [1]	0.000160 B (0.0000480) [1]
SW7740 - Selenium (mg/L)				
Selenium	0.00625 S (0.00144) [1]	0.00448 S (0.00288) [2]	-0.00250 JB (0.00144) [1]	-0.00250 JB (0.00144) [1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	008		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID

E160.1 - Residue, Filterable (TDS) (mg/L)	008	008	008	008	008	008
Total dissolved solids	562 (10.0) [1]	NA	581 (8.67) [1]	654 (10.0) [1]	10-MW-01	10-MW-01-03
E160.2 - Residue, Non-Filterable (mg/L)	NA	NA	17.3 (7.90) [1]	NA	09-MW-15	09-MW-15-01
Total suspended solids	NA	NA	19.9 (0.0400) [2]	14.2 (0.0400) [2]	09-MW-06	09-MW-06-03
E300 - Anions (mg/L)	008	008	008	008	008	008
Chloride	43.4 (0.200) [10]	NA	19.9 (0.0400) [2]	14.2 (0.0400) [2]	10-MW-01	10-MW-01-03
Sulfate	13.0 (0.0600) [1]	NA	7.66 (0.120) [2]	7.70 (0.0600) [1]	09-MW-05	09-MW-05-03
E353.1 - Nitrate-Nitrite (mg/L)	008	008	008	008	008	008
Nitrate-Nitrite as N	ND (0.0100) [1]	NA	ND (0.0100) [1]	ND (0.0100) [1]	10-MW-01	10-MW-01-03
SW6010 - Metals (mg/L)	008	008	008	008	008	008
Aluminum	0.0107 JB (0.0280) [1]	0.0315 B (0.0280) [1]	-0.0109 JB (0.0284) [1]	0.0108 JB (0.0280) [1]	10-MW-01	10-MW-01-03
Antimony	0.0102 JB (0.0240) [1]	-0.0190 JB (0.0240) [1]	-0.0240 JB (0.0241) [1]	-0.00589 JB (0.0240) [1]	09-MW-15	09-MW-15-01
Arsenic	0.00872 J (0.0230) [1]	0.00628 J (0.0230) [1]	0.0172 J (0.0225) [1]	-0.0104 J (0.0230) [1]	09-MW-06	09-MW-06-03
Barium	0.462 (0.000530) [1]	0.0929 (0.000530) [1]	0.437 (0.000530) [1]	0.605 (0.000530) [1]	09-MW-05	09-MW-05-03
Beryllium	-0.000820 JB (0.000550) [1]	0.000510 JB (0.000550) [1]	-0.000820 JB (0.000554) [1]	0.0000100 JB (0.000550) [1]	10-MW-01	10-MW-01-03
Cadmium	0.000820 JB (0.00170) [1]	0.00113 JB (0.00170) [1]	0.00235 B (0.00172) [1]	0.000750 JB (0.00170) [1]	09-MW-06	09-MW-06-03
Calcium	120 (0.150) [1]	46.2 (0.150) [1]	168 (0.148) [1]	165 (0.150) [1]	09-MW-05	09-MW-05-03
Chromium	0.000850 JB (0.00250) [1]	-0.00139 JB (0.00250) [1]	0.000700 JB (0.00249) [1]	0.000900 JB (0.00250) [1]	10-MW-01	10-MW-01-03
Cobalt	0.00169 JB (0.00340) [1]	-0.00307 JB (0.00340) [1]	0.00522 (0.00340) [1]	0.00749 (0.00340) [1]	09-MW-15	09-MW-15-01
Copper	0.00105 JB (0.00380) [1]	0.000680 JB (0.00380) [1]	-0.000360 JB (0.00381) [1]	0.000180 JB (0.00380) [1]	09-MW-06	09-MW-06-03
Iron	17.0 (0.00600) [1]	0.0359 B (0.00600) [1]	13.8 (0.00596) [1]	19.4 (0.00600) [1]	10-MW-01	10-MW-01-03
Lead	-0.000676 J (0.0270) [1]	-0.0175 J (0.0270) [1]	0.0202 J (0.0270) [1]	0.00951 J (0.0270) [1]	09-MW-05	09-MW-05-03

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	008			008			008			008			
	LOCATION ID	09-MW-05	09-MW-06	LOCATION ID	09-MW-15	09-MW-15-01	LOCATION ID	09-MW-06	09-MW-06-03	LOCATION ID	09-MW-01	10-MW-01-03	
SAMPLE ID	09-MW-05-03	09-MW-06-03	SAMPLE ID	09-MW-15-01	09-MW-15-01	SAMPLE ID	09-MW-06-03	09-MW-06-03	SAMPLE ID	09-MW-01-03	10-MW-01-03	SAMPLE ID	
SW6010 - Metals, cont. (mg/L)													
Magnesium	20.6 (0.0230)	[1]	6.72 (0.0230)	[1]	27.3 (0.0228)	[1]	30.4 (0.0230)	[1]	30.4 (0.0230)	[1]	30.4 (0.0230)	[1]	30.4 (0.0230)
Manganese	1.85 (0.000390)	[1]	0.279 (0.000390)	[1]	2.10 (0.000395)	[1]	3.01 (0.000390)	[1]	3.01 (0.000390)	[1]	3.01 (0.000390)	[1]	3.01 (0.000390)
Molybdenum	-0.00238 JB (0.00460)	[1]	0.000810 JB (0.00460)	[1]	0.000130 JB (0.00463)	[1]	-0.000990 JB (0.00460)	[1]	-0.000990 JB (0.00460)	[1]	-0.000990 JB (0.00460)	[1]	-0.000990 JB (0.00460)
Nickel	0.00505 JB (0.00990)	[1]	0.00598 JB (0.00990)	[1]	0.0148 (0.00986)	[1]	-0.00253 JB (0.00990)	[1]	-0.00253 JB (0.00990)	[1]	-0.00253 JB (0.00990)	[1]	-0.00253 JB (0.00990)
Potassium	3.91 (0.370)	[1]	2.10 (0.370)	[1]	3.72 (0.370)	[1]	4.33 (0.370)	[1]	4.33 (0.370)	[1]	4.33 (0.370)	[1]	4.33 (0.370)
Selenium	-0.00544 J (0.0420)	[1]	0.0153 J (0.0420)	[1]	0.00880 J (0.0417)	[1]	0.0266 J (0.0420)	[1]	0.0266 J (0.0420)	[1]	0.0266 J (0.0420)	[1]	0.0266 J (0.0420)
Silver	-0.000480 JB (0.00490)	[1]	0.000490 JB (0.00490)	[1]	-0.000400 JB (0.00492)	[1]	-0.000520 JB (0.00490)	[1]	-0.000520 JB (0.00490)	[1]	-0.000520 JB (0.00490)	[1]	-0.000520 JB (0.00490)
Sodium	52.8 (0.0400)	[1]	3.10 (0.0400)	[1]	9.03 (0.0397)	[1]	31.2 (0.0400)	[1]	31.2 (0.0400)	[1]	31.2 (0.0400)	[1]	31.2 (0.0400)
Thallium	-0.0337 JB (0.0170)	[1]	-0.0346 JB (0.0170)	[1]	0.0122 JB (0.0172)	[1]	-0.00972 JB (0.0170)	[1]	-0.00972 JB (0.0170)	[1]	-0.00972 JB (0.0170)	[1]	-0.00972 JB (0.0170)
Vanadium	-0.00309 JB (0.00240)	[1]	-0.000990 JB (0.00240)	[1]	0.00127 JB (0.00236)	[1]	-0.00325 JB (0.00240)	[1]	-0.00325 JB (0.00240)	[1]	-0.00325 JB (0.00240)	[1]	-0.00325 JB (0.00240)
Zinc	0.00932 (0.00150)	[1]	0.0132 (0.00150)	[1]	0.00427 B (0.00153)	[1]	0.0110 (0.00150)	[1]	0.0110 (0.00150)	[1]	0.0110 (0.00150)	[1]	0.0110 (0.00150)
SW7060 - Arsenic (mg/L)													
Arsenic	0.0107 (0.000657)	[1]	-0.00180 JB (0.000657)	[1]	0.00710 (0.000657)	[1]	0.00320 (0.000650)	[1]	0.00320 (0.000650)	[1]	0.00320 (0.000650)	[1]	0.00320 (0.000650)
SW7421 - Lead (mg/L)													
Lead	0.000700 JB (0.00110)	[1]	0.00330 B (0.00110)	[1]	0.00900 S (0.000800)	[1]	-0.00120 JB (0.00110)	[1]	-0.00120 JB (0.00110)	[1]	-0.00120 JB (0.00110)	[1]	-0.00120 JB (0.00110)
SW7470 - Mercury (mg/L)													
Mercury	0.000160 B (0.0000480)	[1]	0.000160 B (0.0000480)	[1]	0.000110 B (0.0000480)	[1]	-0.000100 JB (0.0000480)	[1]	-0.000100 JB (0.0000480)	[1]	-0.000100 JB (0.0000480)	[1]	-0.000100 JB (0.0000480)
SW7740 - Selenium (mg/L)													
Selenium	-0.00330 JB (0.00144)	[1]	-0.00250 JB (0.00144)	[1]	-0.00421 JB (0.000843)	[1]	0.00242 SJ (0.00288)	[2]	0.00242 SJ (0.00288)	[2]	0.00242 SJ (0.00288)	[2]	0.00242 SJ (0.00288)

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	008	008	005	005
E160.1 - Residue, Filterable (TDS) (mg/L)	10-MW-02	10-MW-03	10-MW-04	12-MW-01
Total dissolved solids	0.00938	0.0165	0.0504	0.875
E160.2 - Residue, Non-Filterable (mg/L)	10-MW-02-03	10-MW-03-03	10-MW-04-01	12-MW-01-03
Total suspended solids	NA	NA	624	NA
E300 - Anions (mg/L)				
Chloride	0.0152	0.0152	0.0303	0.00715
Sulfate	-0.0104	-0.0104	-0.00918	-0.00580
E353.1 - Nitrate-Nitrite (mg/L)	0.0504	0.0590	0.0177	-0.00369
Nitrate-Nitrite as N	0.00250	0.00250	0.000700	0.000110
SW6010 - Metals (mg/L)	0.00182	0.00143	-0.00179	0.000890
Aluminum	157	156	180	160
Antimony	0.00284	0.00168	0.000960	0.00156
Arsenic	0.00347	0.00608	0.00462	-0.000490
Barium	0.00372	0.00225	-0.000880	0.00268
Beryllium	107	42.5	46.4	0.0914
Cadmium	0.0420	0.0151	0.0175	0.0129
Calcium				
Chromium				
Cobalt				
Copper				
Iron				
Lead				

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID							
	008		008		005			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
SW6010 - Metals, cont. (mg/L)								
Magnesium	28.2 (0.0230)	[1]	26.3 (0.0230)	[1]	30.1 (0.0228)	[1]	30.1 (0.0230)	[1]
Manganese	8.00 (0.000390)	[1]	6.83 (0.000390)	[1]	7.96 (0.000395)	[1]	0.105 (0.000390)	[1]
Molybdenum	-0.000860 JB (0.00460)	[1]	0.00224 JB (0.00460)	[1]	-0.00313 JB (0.00463)	[1]	-0.00252 JB (0.00460)	[1]
Nickel	0.00206 JB (0.00990)	[1]	0.00 JB (0.00990)	[1]	-0.00249 JB (0.00986)	[1]	-0.0145 JB (0.00990)	[1]
Potassium	4.63 (0.370)	[1]	3.76 (0.370)	[1]	3.78 (0.00287)	[1]	2.79 (0.370)	[1]
Selenium	0.0251 J (0.0420)	[1]	-0.00857 J (0.0420)	[1]	0.0304 J (0.0417)	[1]	-0.0192 J (0.0420)	[1]
Silver	-0.00185 JB (0.00490)	[1]	-0.000320 JB (0.00490)	[1]	-0.00723 JB (0.00492)	[1]	-0.00121 JB (0.00490)	[1]
Sodium	24.0 (0.0400)	[1]	19.6 (0.0400)	[1]	20.7 (0.0397)	[1]	5.97 (0.0400)	[1]
Thallium	-0.00524 JB (0.0170)	[1]	-0.0125 JB (0.0170)	[1]	0.00874 JB (0.0172)	[1]	-0.0129 JB (0.0170)	[1]
Vanadium	-0.000780 JB (0.00240)	[1]	-0.000180 JB (0.00240)	[1]	0.000610 JB (0.00236)	[1]	-0.00245 JB (0.00240)	[1]
Zinc	0.00711 B (0.00150)	[1]	0.00604 B (0.00150)	[1]	0.00359 B (0.00153)	[1]	0.00671 B (0.00150)	[1]
SW7060 - Arsenic (mg/L)								
Arsenic	0.0422 (0.000650)	[1]	0.0147 (0.000650)	[1]	0.0181 (0.000657)	[1]	-0.000500 JB (0.000650)	[1]
SW7421 - Lead (mg/L)								
Lead	0.00140 B (0.00110)	[1]	0.00 JB (0.00110)	[1]	0.00410 SB (0.00110)	[1]	-0.00220 JB (0.00110)	[1]
SW7470 - Mercury (mg/L)								
Mercury	-0.0000700 JB (0.0000480)	[1]	0.0000400 JB (0.0000480)	[1]	-0.0000500 JB (0.0000480)	[1]	0.00 JB (0.0000480)	[1]
SW7740 - Selenium (mg/L)								
Selenium	0.00456 S (0.00288)	[2]	0.00646 SF (0.00288)	[2]	0.00348 (0.000843)	[1]	0.00538 S (0.00288)	[2]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID

005
12-MW-02
12-MW-02-03
005
12-MW-02
12-MW-02-DS-03 Dup of
12-MW-02-03

PARAMETER

SW6010 - Metals (mg/L)

Aluminum	0.00271 JB (0.0280)	[1]	0.00978 JB (0.0280)	[1]
Antimony	0.00933 JB (0.0240)	[1]	-0.0238 JB (0.0240)	[1]
Arsenic	-0.0224 J (0.0230)	[1]	0.0110 J (0.0230)	[1]
Barium	0.259 (0.000530)	[1]	0.255 (0.000530)	[1]
Beryllium	-0.000100 JB (0.000550)	[1]	-0.000240 JB (0.000550)	[1]
Cadmium	-0.000620 JB (0.00170)	[1]	0.000150 JB (0.00170)	[1]
Calcium	146 (0.150)	[1]	146 (0.150)	[1]
Chromium	0.00314 B (0.00250)	[1]	0.00203 JB (0.00250)	[1]
Cobalt	-0.000530 JB (0.00340)	[1]	-0.000530 JB (0.00340)	[1]
Copper	0.000620 JB (0.00380)	[1]	0.00269 JB (0.00380)	[1]
Iron	0.0908 B (0.00600)	[1]	0.0377 B (0.00600)	[1]
Lead	0.000530 J (0.0270)	[1]	0.00761 J (0.0270)	[1]
Magnesium	26.8 (0.0230)	[1]	26.9 (0.0230)	[1]
Manganese	0.0749 (0.000390)	[1]	0.0555 (0.000390)	[1]
Molybdenum	-0.00242 JB (0.00460)	[1]	-0.000930 JB (0.00460)	[1]
Nickel	-0.00736 JB (0.00990)	[1]	-0.000230 JB (0.00990)	[1]
Potassium	2.19 (0.370)	[1]	2.50 (0.370)	[1]
Selenium	0.0199 J (0.0420)	[1]	0.0241 J (0.0420)	[1]
Silver	-0.00244 JB (0.00490)	[1]	-0.00268 JB (0.00490)	[1]
Sodium	4.52 (0.0400)	[1]	4.53 (0.0400)	[1]
Thallium	-0.0661 JB (0.0170)	[1]	-0.0133 JB (0.0170)	[1]
Vanadium	-0.00389 JB (0.00240)	[1]	-0.00123 JB (0.00240)	[1]
Zinc	0.00222 B (0.00150)	[1]	0.00110 JB (0.00150)	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A8

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID	
	LOCATION ID	SAMPLE ID
SW7060 - Arsenic (mg/L)	005	005
Arsenic	12-MW-02	12-MW-02
	12-MW-02-03	12-MW-02-DS-03 Dup of
		12-MW-02-03
SW7421 - Lead (mg/L)		
Lead	-0.00130 JB (0.000650) [1]	-0.00110 JB (0.000650) [1]
SW7470 - Mercury (mg/L)		
Mercury	0.0511 (0.00110) [1]	0.00850 (0.00110) [1]
SW7740 - Selenium (mg/L)		
Selenium	0.0000200 JB (0.0000480) [1]	0.0000300 JB (0.0000480) [1]
	0.00570 SF (0.00288) [2]	0.00426 SF (0.00288) [2]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID														
	001		001		001		001		001						
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID					
Diesel Range Organics (mg/kg)	0.00	JB (20.0)	[1]	0.00	JB (20.0)	[1]	1.00	JB (20.0)	[1]	0.00	JB (20.0)	[1]	0.00	JB (20.0)	[1]
Diesel Range Organics															
Gasoline Range Organics (mg/kg)	0.00	JB (10.0)	[1]	0.00	JB (10.0)	[1]	0.00	JB (10.0)	[1]	0.00	JB (10.0)	[1]	0.00	JB (10.0)	[1]
Gasoline Range Organics															
Percent Solid (percent)	9.66	(0.00)	[1]	14.3	(0.00)	[1]	13.9	(0.00)	[1]	13.5	(0.00)	[1]	13.5	(0.00)	[1]
Percent moisture															
SW8240 - Volatile Organics (ug/kg)	1.50	J (7.00)	[1]	8.20	(7.00)	[1]	0.600	J (6.00)	[1]	4.10	J (6.00)	[1]	4.10	J (6.00)	[1]
1,1,1-Trichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
1,1,2,2-Tetrachloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
1,1,2-Trichloroethane	ND	(7.00)	[1]	1.90	J (7.00)	[1]	ND	(6.00)	[1]	1.50	J (6.00)	[1]	1.50	J (6.00)	[1]
1,1-Dichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
1,1-Dichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
1,2-Dichloroethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
1,2-Dichloropropane	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]
2-Butanone(MEK)	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
2-Chloroethyl vinyl ether	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]
2-Hexanone	ND	(40.0)	[1]	ND	(40.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]	ND	(30.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(100)	[1]	ND	(100)	[1]	ND	(100)	[1]	3.70	J (30.0)	[1]	3.70	J (30.0)	[1]
Acetone	ND	(7.00)	[1]	0.900	J (7.00)	[1]	ND	(6.00)	[1]	5.50	JB (100)	[1]	5.50	JB (100)	[1]
Benzene	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	0.900	J (6.00)	[1]	0.900	J (6.00)	[1]
Bromodichloromethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]
Bromomethane	ND	(7.00)	[1]	ND	(7.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]	ND	(6.00)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A9-1

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	0 - 2		2.5 - 4.5		2.5 - 4.5		5 - 7	
	001		001		001		001	
	LOCATION ID	END DEPTH (FT.)	LOCATION ID	END DEPTH (FT.)	LOCATION ID	END DEPTH (FT.)	LOCATION ID	END DEPTH (FT.)
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon disulfide	ND	(10.0)	ND	(10.0)	ND	(10.0)	ND	(10.0)
Carbon tetrachloride	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Chlorobenzene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Chloroethane	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Chloroform	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Chloromethane	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Dibromochloromethane	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Ethylbenzene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Methylene chloride	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Styrene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Tetrachloroethene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Toluene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Tribromomethane(Bromoform)	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Trichloroethene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
Vinyl acetate	ND	(70.0)	ND	(70.0)	ND	(60.0)	ND	(60.0)
Vinyl chloride	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
cis-1,2-Dichloroethene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
cis-1,3-Dichloropropene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
m & p-Xylene	ND	(30.0)	ND	(30.0)	ND	(20.0)	ND	(20.0)
o-Xylene	ND	(10.0)	ND	(10.0)	ND	(10.0)	ND	(10.0)
trans-1,2-Dichloroethene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)
trans-1,3-Dichloropropene	ND	(7.00)	ND	(7.00)	ND	(6.00)	ND	(6.00)

SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	001			001			001			001		
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03	01-SB-03
	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01	01-SB-03-01
	0 - 2	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	2.5 - 4.5	5 - 7
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)												
Acenaphthene	ND (85.1)	[2]	ND (90.2)	[2]	ND (90.7)	[2]	108 (90.2)	[2]	ND (173)	[2]	ND (173)	[2]
Acenaphthylene	118 J (164)	[2]	ND (173)	[2]	ND (174)	[2]	ND (174)	[2]	ND (53.2)	[2]	ND (53.2)	[2]
Anthracene	ND (50.2)	[2]	ND (53.2)	[2]	ND (53.5)	[2]	ND (53.5)	[2]	0.470 J (1.60)	[2]	0.470 J (1.60)	[2]
Benzo(a)anthracene	ND (1.50)	[2]	0.257 J (1.60)	[2]	0.563 J (1.60)	[2]	0.563 J (1.60)	[2]	3.46 JB (4.86)	[2]	3.46 JB (4.86)	[2]
Benzo(a)pyrene	0.674 JB (4.58)	[2]	1.01 JB (4.86)	[2]	0.191 JB (4.88)	[2]	0.191 JB (4.88)	[2]	4.70 J (7.63)	[2]	4.70 J (7.63)	[2]
Benzo(b)fluoranthene	0.739 J (7.20)	[2]	2.22 J (7.63)	[2]	4.54 J (7.67)	[2]	4.54 J (7.67)	[2]	9.10 J (13.9)	[2]	9.10 J (13.9)	[2]
Benzo(g,h,i)perylene	1.15 J (13.1)	[2]	3.57 J (13.9)	[2]	9.31 J (14.0)	[2]	9.31 J (14.0)	[2]	0.858 JB (1.53)	[2]	0.858 JB (1.53)	[2]
Benzo(k)fluoranthene	0.575 JB (1.44)	[2]	0.937 JB (1.53)	[2]	0.751 JB (1.53)	[2]	0.751 JB (1.53)	[2]	ND (27.7)	[2]	ND (27.7)	[2]
Chrysene	ND (26.2)	[2]	ND (27.7)	[2]	ND (27.9)	[2]	ND (27.9)	[2]	2.42 JB (3.70)	[2]	2.42 JB (3.70)	[2]
Dibenz(a,h)anthracene	ND (3.49)	[2]	0.635 JB (3.70)	[2]	0.649 JB (3.72)	[2]	0.649 JB (3.72)	[2]	ND (48.6)	[2]	ND (48.6)	[2]
Fluoranthene	ND (45.8)	[2]	ND (48.6)	[2]	ND (48.8)	[2]	ND (48.8)	[2]	ND (13.2)	[2]	ND (13.2)	[2]
Fluorene	ND (12.4)	[2]	ND (13.2)	[2]	ND (13.3)	[2]	ND (13.3)	[2]	28.3 B (5.09)	[2]	28.3 B (5.09)	[2]
Indeno(1,2,3-cd)pyrene	16.1 B (4.80)	[2]	24.9 B (5.09)	[2]	26.5 B (5.12)	[2]	26.5 B (5.12)	[2]	ND (416)	[2]	ND (416)	[2]
Naphthalene	ND (393)	[2]	ND (416)	[2]	ND (419)	[2]	ND (419)	[2]	211 B (97.1)	[2]	211 B (97.1)	[2]
Phenanthrene	132 B (91.6)	[2]	313 B (97.1)	[2]	211 B (97.7)	[2]	211 B (97.7)	[2]	ND (58.1)	[2]	ND (58.1)	[2]
Pyrene	ND (54.5)	[2]	ND (57.8)	[2]	ND (57.8)	[2]	ND (57.8)	[2]				

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	001		001		001		001		001	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
Diesel Range Organics (mg/kg)	01-SB-03	7.5 - 9.5	01-SB-04	0 - 2	01-SB-04	2.5 - 4.5	01-SB-04	2.5 - 4.5	01-SB-04	5 - 7
Diesel Range Organics	0.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]
Gasoline Range Organics (mg/kg)	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]
Percent Solid (percent)	24.2 (0.00)	[1]	14.3 (0.00)	[1]	20.9 (0.00)	[1]	20.9 (0.00)	[1]	17.0 (0.00)	[1]
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND (6.00)	[1]	1.10 J (5.00)	[1]	4.70 J (7.00)	[1]	4.70 J (7.00)	[1]	2.40 J (6.00)	[1]
1,1,2,2-Tetrachloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
1,1,2-Trichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
1,1-Dichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	1.60 J (7.00)	[1]	1.60 J (7.00)	[1]	0.900 J (6.00)	[1]
1,1-Dichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
1,2-Dichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
1,2-Dichloropropane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
2-Butanone(MEK)	ND (40.0)	[1]	ND (30.0)	[1]	81.0 B (40.0)	[1]	81.0 B (40.0)	[1]	9.70 JB (30.0)	[1]
2-Chloroethyl vinyl ether	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
2-Hexanone	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]
Acetone	4.70 JB (100)	[1]	3.50 JB (100)	[1]	230 (100)	[1]	230 (100)	[1]	39.0 JB (100)	[1]
Benzene	ND (6.00)	[1]	0.400 JB (5.00)	[1]	1.00 J (7.00)	[1]	1.00 J (7.00)	[1]	0.800 J (6.00)	[1]
Bromodichloromethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
Bromomethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]
Carbon disulfide	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	001		001		001	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	01-SB-03 01-SB-03-04 7.5 - 9.5	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	01-SB-04 01-SB-04-01 0 - 2	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	01-SB-04 01-SB-04-02 2.5 - 4.5
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chlorobenzene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloroethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloroform	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Chloromethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Dibromochloromethane	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Ethylbenzene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Methylene chloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Styrene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Tetrachloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Toluene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Tribromomethane(Bromoform)	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Trichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Vinyl acetate	ND (60.0) [1]	ND (50.0) [1]	ND (70.0) [1]	ND (60.0) [1]	ND (60.0) [1]	ND (60.0) [1]
Vinyl chloride	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
Xylene (total)	NA	ND (20.0) [1]	ND (30.0) [1]	ND (20.0) [1]	ND (20.0) [1]	ND (20.0) [1]
cis-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
cis-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
m & p-Xylene	ND (20.0) [1]	ND (20.0) [1]	ND (30.0) [1]	ND (20.0) [1]	ND (20.0) [1]	ND (20.0) [1]
o-Xylene	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]	ND (10.0) [1]
trans-1,2-Dichloroethene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
trans-1,3-Dichloropropene	ND (6.00) [1]	ND (5.00) [1]	ND (7.00) [1]	ND (6.00) [1]	ND (6.00) [1]	ND (6.00) [1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)						
Acenaphthene	173 (101) [2]	ND (88.2) [2]	130 (98.7) [2]	119 (94.0) [2]		

Compiled: 17 March 1995

[] = Detection Limit () = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	001		001		001	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)						
Acenaphthylene	ND (195) [2]	ND (170) [2]	ND (190) [2]	ND (181) [2]		
Anthracene	0.969 J (59.8) [2]	ND (52.0) [2]	ND (58.2) [2]	ND (55.4) [2]		
Benzo(a)anthracene	0.413 J (1.79) [2]	1.43 J (1.56) [2]	0.0120 J (1.75) [2]	ND (1.66) [2]		
Benzo(a)pyrene	1.65 JB (5.46) [2]	2.73 JB (4.75) [2]	1.81 JB (5.32) [2]	1.74 JB (5.06) [2]		
Benzo(b)fluoranthene	6.45 J (8.58) [2]	3.62 J (7.47) [2]	3.22 J (8.35) [2]	2.07 J (7.95) [2]		
Benzo(g,h,i)perylene	1.91 J (15.6) [2]	0.313 JB (13.6) [2]	0.805 J (15.2) [2]	6.71 J (14.5) [2]		
Benzo(k)fluoranthene	0.626 JB (1.72) [2]	0.966 JB (1.49) [2]	1.17 JB (1.67) [2]	1.00 JB (1.59) [2]		
Chrysene	ND (31.2) [2]	3.98 J (27.1) [2]	ND (30.4) [2]	ND (28.9) [2]		
Dibenz(a,h)anthracene	1.66 JB (4.16) [2]	3.03 JB (3.62) [2]	5.28 B (4.05) [2]	1.12 JB (3.86) [2]		
Fluoranthene	ND (54.6) [2]	ND (47.5) [2]	ND (53.2) [2]	ND (50.6) [2]		
Fluorene	ND (14.8) [2]	ND (12.9) [2]	ND (14.4) [2]	ND (13.7) [2]		
Indeno(1,2,3-cd)pyrene	25.9 B (5.72) [2]	14.8 B (4.98) [2]	15.6 B (5.57) [2]	38.3 B (5.30) [2]		
Naphthalene	ND (468) [2]	ND (407) [2]	ND (456) [2]	ND (434) [2]		
Phenanthrene	293 B (109) [2]	306 B (95.0) [2]	265 B (106) [2]	173 B (101) [2]		
Pyrene	ND (65.0) [2]	ND (56.6) [2]	ND (63.3) [2]	ND (60.2) [2]		

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	001		005		005		005		005	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
Diesel Range Organics (mg/kg)	1.00 JB (20.0)	[1]	5.00 JB (20.0)	[1]	46.0 B (20.0)	[1]	1300	(20.0)	[1]	005 05-SB-04 05-SB-04-03 5 - 7
Diesel Range Organics	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]	420	(10.0)	[50]	
Gasoline Range Organics (mg/kg)	14.5 (0.00)	[1]	2.54 (0.00)	[1]	3.52 (0.00)	[1]	11.2	(0.00)	[1]	
Percent Solid (percent)	3.60 J (6.00)	[1]	ND (5.00)	[1]	1.40 J (5.00)	[1]	ND	(1000)	[10]	
Percent moisture	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
SW8240 - Volatile Organics (ug/kg)	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,1,1-Trichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,1,2,2-Tetrachloroethane	1.20 J (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,1,2-Trichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,1-Dichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,1-Dichloroethene	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,2-Dichloroethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
1,2-Dichloropropane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
2-Butanone(MEK)	5.40 JB (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND	(6000)	[10]	
2-Chloroethyl vinyl ether	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
2-Hexanone	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND	(6000)	[10]	
4-Methyl-2-pentanone(MIBK)	ND (30.0)	[1]	ND (30.0)	[1]	ND (30.0)	[1]	ND	(6000)	[10]	
Acetone	23.0 JB (100)	[1]	4.30 JB (100)	[1]	ND (100)	[1]	ND	(22000)	[10]	
Benzene	ND (6.00)	[1]	ND (5.00)	[1]	0.700 J (5.00)	[1]	1100	(1000)	[10]	
Bromodichloromethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
Bromomethane	ND (6.00)	[1]	ND (5.00)	[1]	ND (5.00)	[1]	ND	(1000)	[10]	
Carbon disulfide	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]	ND	(2000)	[10]	

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	001		005		005		005	
	01-SB-04		05-SB-04		05-SB-04		05-SB-04	
	7.5 - 9.5	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5	5 - 7	5 - 7	5 - 7
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon tetrachloride	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Chloroethane	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Chloroform	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Chloromethane	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Dibromochloromethane	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Ethylbenzene	ND	[1]	0.700 J	[1]	ND	[1]	10000	[1]
Methylene chloride	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Styrene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Tetrachloroethene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Toluene	ND	[1]	ND	[1]	0.600 J	[1]	33000	[1]
Tribromomethane(Bromoform)	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Trichloroethene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Vinyl acetate	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Vinyl chloride	ND	[1]	ND	[1]	ND	[1]	ND	[1]
Xylene (total)	ND	[1]	ND	[1]	ND	[1]	ND	[1]
cis-1,2-Dichloroethene	ND	[1]	NA	[1]	NA	[1]	NA	[1]
cis-1,3-Dichloropropene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
m & p-Xylene	ND	[1]	1.60 J	[1]	ND	[1]	110000	[1]
o-Xylene	ND	[1]	0.900 J	[1]	ND	[1]	57000	[1]
trans-1,2-Dichloroethene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
trans-1,3-Dichloropropene	ND	[1]	ND	[1]	ND	[1]	ND	[1]
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	NA	[1]	ND	[1]	ND	[1]	ND	[1]

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	001		005		005	
	LOCATION ID	01-SB-04	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	7.5 - 9.5	0 - 2	0 - 2	2.5 - 4.5	5 - 7	
	01-SB-04-04	05-SB-04-01	05-SB-04-02	05-SB-04-03	05-SB-04-03	
	BEG. DEPTH - END DEPTH (FT.)					
SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,2-Dichlorobenzene	NA	ND (0.0266)	ND (0.0269)	ND (0.0269)	ND (0.0865)	[1]
1,3-Dichlorobenzene	NA	ND (0.0135)	ND (0.0137)	ND (0.0137)	ND (0.0440)	[1]
1,4-Dichlorobenzene	NA	ND (0.0276)	ND (0.0279)	ND (0.0279)	ND (0.0897)	[1]
2,4,5-Trichloropheno1	NA	ND (0.0113)	ND (0.0114)	ND (0.0114)	ND (0.0366)	[1]
2,4,6-Trichloropheno1	NA	ND (0.0119)	ND (0.0120)	ND (0.0120)	ND (0.0388)	[1]
2,4-Dichloropheno1	NA	ND (0.0151)	ND (0.0153)	ND (0.0153)	ND (0.0492)	[1]
2,4-Dimethylpheno1	NA	ND (0.0376)	ND (0.0380)	ND (0.0380)	ND (0.122)	[1]
2,4-Dinitrophenol	NA	ND (0.239)	ND (0.242)	ND (0.242)	ND (0.777)	[1]
2,4-Dinitrotoluene	NA	ND (0.0188)	ND (0.0190)	ND (0.0190)	ND (0.0611)	[1]
2,6-Dinitrotoluene	NA	ND (0.0118)	ND (0.0119)	ND (0.0119)	ND (0.0384)	[1]
2-Chloronaphthalene	NA	ND (0.0111)	ND (0.0112)	ND (0.0112)	ND (0.0360)	[1]
2-Chloropheno1	NA	ND (0.0261)	ND (0.0264)	ND (0.0264)	ND (0.0848)	[1]
2-Methylnaphthalene	NA	ND (0.0225)	0.0142 J	ND (0.0228)	13.3	[1]
2-Methylpheno1 (o-cresol)	NA	ND (0.0182)	ND (0.0184)	ND (0.0184)	ND (0.0593)	[1]
2-Nitroaniline	NA	ND (0.0137)	ND (0.0139)	ND (0.0139)	ND (0.0446)	[1]
2-Nitrophenol	NA	ND (0.0150)	ND (0.0152)	ND (0.0152)	ND (0.0489)	[1]
3,3'-Dichlorobenzidine	NA	ND (0.0167)	ND (0.0169)	ND (0.0169)	ND (0.0544)	[1]
3-Nitroaniline	NA	ND (0.0174)	ND (0.0176)	ND (0.0176)	ND (0.0565)	[1]
4,6-Dinitro-2-methylpheno1	NA	ND (0.0270)	ND (0.0273)	ND (0.0273)	ND (0.0880)	[1]
4-Bromophenyl phenyl ether	NA	ND (0.0156)	ND (0.0157)	ND (0.0157)	ND (0.0506)	[1]
4-Chloro-3-methylpheno1	NA	ND (0.0247)	0.0418	ND (0.0250)	ND (0.0803)	[1]
4-Chloroaniline	NA	ND (0.0191)	ND (0.0193)	ND (0.0193)	ND (0.0621)	[1]
4-Chlorophenyl phenyl ether	NA	ND (0.0180)	ND (0.0182)	ND (0.0182)	ND (0.0586)	[1]
4-Methylpheno1 (p-cresol)	NA	ND (0.0196)	ND (0.0198)	ND (0.0198)	ND (0.0639)	[1]
4-Nitroaniline	NA	ND (0.0165)	ND (0.0167)	ND (0.0167)	ND (0.0538)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	001	005	005	005
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)
SW8270 - Semivolatle Organics, cont. (mg/kg)				
4-Nitrophenol	NA	(0.0236)	(0.0238)	(0.0767)
Acenaphthene	NA	(0.0163)	(0.0165)	(0.0531)
Acenaphthylene	NA	(0.00772)	(0.00780)	(0.0251)
Anthracene	NA	(0.0198)	(0.0201)	(0.0645)
Benzo(a)anthracene	0.0297	(0.0176)	(0.0178)	0.0391 J (0.0572)
Benzo(a)pyrene	0.0362	(0.0131)	(0.0132)	ND (0.0425)
Benzo(b)fluoranthene	0.0601 F	(0.0194)	(0.0196)	0.0253 FJ (0.0632)
Benzo(g,h,i)perylene	0.0275	(0.0166)	(0.0168)	ND (0.0541)
Benzo(k)fluoranthene	0.0601 F	(0.0331)	(0.0334)	0.0253 FJ (0.108)
Benzoic acid	NA	(0.135)	(0.137)	ND (0.440)
Benzyl alcohol	NA	(0.0369)	(0.0373)	ND (0.120)
Butylbenzylphthalate	NA	(0.0134)	(0.0136)	ND (0.0436)
Chrysene	0.0362	(0.0228)	(0.0231)	0.0498 J (0.0743)
Di-n-butylphthalate	NA	(0.0168)	(0.0170)	ND (0.0548)
Di-n-octylphthalate	0.00519 J	(0.0311)	(0.0314)	0.0167 J (0.101)
Dibenz(a,h)anthracene	0.0270	(0.0162)	(0.0164)	ND (0.0526)
Dibenzofuran	NA	(0.0139)	(0.0141)	0.0980 (0.0453)
Diethylphthalate	NA	(0.0115)	(0.0116)	ND (0.0373)
Dimethylphthalate	NA	(0.00956)	(0.00966)	ND (0.0311)
Diphenylamine/N-NitrosodPA	NA	(0.0193)	(0.0195)	ND (0.0629)
Fluoranthene	0.0427	(0.0218)	(0.0220)	0.165 (0.0709)
Fluorene	NA	(0.0115)	(0.0116)	ND (0.0373)
Hexachlorobenzene	NA	(0.00799)	(0.00808)	ND (0.0260)
Hexachlorobutadiene	NA	(0.0238)	(0.0241)	ND (0.0775)
Hexachlorocyclopentadiene	NA	(0.305)	(0.308)	ND (0.991)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	001		005		005		005	
	01-SB-04		05-SB-04		05-SB-04		05-SB-04	
	7.5 - 9.5	0 - 2	0.0251	0.0251	0.0285	0.0285	0.0285	0.0285
	BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)	
SW8270 - Semivolatile Organics, cont. (mg/kg)								
Hexachloroethane	NA	ND (0.0203)	[1]	ND (0.0205)	[1]	ND (0.0660)	[1]	ND (0.0660)
Indeno(1,2,3-cd)pyrene	NA	0.0251 (0.0179)	[1]	0.0285 (0.0181)	[1]	ND (0.0583)	[1]	ND (0.0583)
Isophorone	NA	ND (0.00980)	[1]	ND (0.00990)	[1]	ND (0.0319)	[1]	ND (0.0319)
N-Nitroso-di-n-propylamine	NA	ND (0.0256)	[1]	ND (0.0259)	[1]	ND (0.0834)	[1]	ND (0.0834)
Naphthalene	NA	ND (0.0249)	[1]	0.0119 J (0.0252)	[1]	11.6 (0.0810)	[1]	11.6 (0.0810)
Nitrobenzene	NA	ND (0.0180)	[1]	ND (0.0182)	[1]	ND (0.0586)	[1]	ND (0.0586)
Pentachlorophenol	NA	ND (0.0295)	[1]	ND (0.0298)	[1]	ND (0.0960)	[1]	ND (0.0960)
Phenanthrene	NA	0.0184 J (0.0212)	[1]	0.0480 (0.0215)	[1]	0.382 (0.0691)	[1]	0.382 (0.0691)
Phenol	NA	ND (0.0136)	[1]	ND (0.0138)	[1]	ND (0.0443)	[1]	ND (0.0443)
Pyrene	NA	0.0451 (0.0160)	[1]	0.0663 (0.0162)	[1]	0.141 (0.0520)	[1]	0.141 (0.0520)
bis(2-Chloroethoxy)methane	NA	ND (0.0192)	[1]	ND (0.0194)	[1]	ND (0.0624)	[1]	ND (0.0624)
bis(2-Chloroethyl)ether	NA	ND (0.0250)	[1]	ND (0.0253)	[1]	ND (0.0813)	[1]	ND (0.0813)
bis(2-Chloroisopropyl)ether	NA	ND (0.0248)	[1]	ND (0.0251)	[1]	ND (0.0806)	[1]	ND (0.0806)
bis(2-Ethylhexyl)phthalate	NA	ND (0.0625)	[1]	0.0711 (0.0632)	[1]	0.0811 J (0.203)	[1]	0.0811 J (0.203)
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	144 (89.6)	NA	[2]	NA	NA	NA	NA	NA
Acenaphthylene	ND (172)	NA	[2]	NA	NA	NA	NA	NA
Anthracene	ND (52.8)	NA	[2]	NA	NA	NA	NA	NA
Benzo(a)anthracene	ND (1.58)	NA	[2]	NA	NA	NA	NA	NA
Benzo(a)pyrene	3.04 JB (4.82)	NA	[2]	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	3.96 J (7.58)	NA	[2]	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	7.16 J (13.8)	NA	[2]	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	1.03 JB (1.52)	NA	[2]	NA	NA	NA	NA	NA
Chrysene	ND (27.6)	NA	[2]	NA	NA	NA	NA	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	001		005		005	
	01-SB-04		05-SB-04		05-SB-04	
	01-SB-04-04		05-SB-04-01		05-SB-04-02	
	7.5 - 9.5		0 - 2		2.5 - 4.5	
SITE ID						
LOCATION ID						
SAMPLE ID						
BEG. DEPTH - END DEPTH (FT.)						

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)						
Dibenz(a,h)anthracene	4.79	B (3.67)	[2]	NA	NA	NA
Fluoranthene	ND	(48.2)	[2]	NA	NA	NA
Fluorene	ND	(13.1)	[2]	NA	NA	NA
Indeno(1,2,3-cd)pyrene	13.6	B (5.05)	[2]	NA	NA	NA
Naphthalene	ND	(413)	[2]	NA	NA	NA
Phenanthrene	247	B (96.4)	[2]	NA	NA	NA
Pyrene	ND	(57.4)	[2]	NA	NA	NA

				05-SB-04	05-SB-04	005
				05-SB-04-03	05-SB-04-03	05-SB-04-03
				5 - 7		5 - 7

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)					
	005	005	005	005	0 - 2	4 - 6	0 - 2	4 - 6				
Diesel Range Organics (mg/kg)	2600	(20.0)	[1]	1.00 JB	(20.0)	[1]	70.0 B	(20.0)	[1]	50.0 B	(20.0)	[1]
Diesel Range Organics												
Gasoline Range Organics (mg/kg)	5800	(10.0)	[250]	10.0 J	(10.0)	[1]	13.0	(10.0)	[1]	20.0	(10.0)	[1]
Gasoline Range Organics												
Percent Solid (percent)	19.1	(0.00)	[1]	2.96	(0.00)	[1]	25.5	(0.00)	[1]	26.8	(0.00)	[1]
Percent moisture												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1,2,2-Tetrachloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1,2-Trichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1-Dichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,1-Dichloroethene	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,2-Dichloroethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
1,2-Dichloropropane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	ND	(6.00)	[1]
2-Butanone(MEK)	ND	(39000)	[50]	ND	(30.0)	[1]	490 JB	(700)	[1]	4.30 J	(6.00)	[1]
2-Chloroethyl vinyl ether	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	19.0 JB	(40.0)	[1]
2-Hexanone	ND	(39000)	[50]	ND	(30.0)	[1]	ND	(700)	[1]	ND	(6.00)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(39000)	[50]	ND	(30.0)	[1]	ND	(700)	[1]	ND	(40.0)	[1]
Acetone	ND	(130000)	[50]	ND	(100)	[1]	550 J	(3000)	[1]	150	(40.0)	[1]
Benzene	340000	(6000)	[50]	7.10	(5.00)	[1]	160	(100)	[1]	51.0 JB	(100)	[1]
Bromodichloromethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	42.0	(6.00)	[1]
Bromomethane	ND	(6000)	[50]	ND	(5.00)	[1]	ND	(100)	[1]	3.20 J	(6.00)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		SAMPLE ID	
	05-SB-04	05-SB-05-01	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02	05-SB-05-02
SW8240 - Volatile Organics, cont. (ug/kg)	7.5 - 9.5	0 - 2	4 - 6	6 - 8	005	005	005	005	005	005
Carbon disulfide	((13000)	((10.0)	((300)	((10.0)	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Chlorobenzene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Chloroethane	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Chloroform	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Chloromethane	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Dibromochloromethane	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Ethylbenzene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	ND	ND	ND
Methylene chloride	((6000)	((5.00)	((100)	((5.00)	22.0	1100	210	6.00	6.00	6.00
Styrene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
Tetrachloroethene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
Toluene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
Tribromomethane(Bromoform)	((6000)	((5.00)	((100)	((5.00)	430000	74.0	1.60	6.00	6.00	6.00
Trichloroethene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
Vinyl acetate	((65000)	((50.0)	((1000)	((50.0)	ND	ND	ND	6.00	6.00	6.00
Vinyl chloride	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	60.0	6.00	6.00
cis-1,2-Dichloroethene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
cis-1,3-Dichloropropene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
m & p-Xylene	((26000)	((20.0)	((400)	((20.0)	510000	3900	670	30.0	6.00	6.00
o-Xylene	((13000)	((10.0)	((300)	((10.0)	190000	2000	330	10.0	6.00	6.00
trans-1,2-Dichloroethene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00
trans-1,3-Dichloropropene	((6000)	((5.00)	((100)	((5.00)	ND	ND	ND	6.00	6.00	6.00

SW8270 - Semivolatile Organics (mg/kg)

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	005				005				005				
	05-SB-04		05-SB-05		05-SB-05		05-SB-05		05-SB-05-01		05-SB-05-02		05-SB-05-02
	7.5 - 9.5	0 - 2	4 - 6	6 - 8									
	BEG. DEPTH - END DEPTH (FT.)												
SW8270 - Semivolatile Organics, cont. (mg/kg)													
1,2,4-Trichlorobenzene	ND (0.614)	ND (0.0202)	ND (0.0264)	ND (0.0267)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,2-Dichlorobenzene	ND (0.809)	ND (0.0266)	ND (0.0347)	ND (0.0351)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,3-Dichlorobenzene	ND (0.411)	ND (0.0135)	ND (0.0177)	ND (0.0179)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
1,4-Dichlorobenzene	ND (0.839)	ND (0.0276)	ND (0.0360)	ND (0.0365)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4,5-Trichloropheno	ND (0.343)	ND (0.0113)	ND (0.0147)	ND (0.0149)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4,6-Trichloropheno	ND (0.363)	ND (0.0119)	ND (0.0156)	ND (0.0157)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4-Dichloropheno	ND (0.460)	ND (0.0152)	ND (0.0198)	ND (0.0200)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4-Dimethylpheno	ND (1.14)	ND (0.0376)	ND (0.0491)	ND (0.0496)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4-Dinitrophenol	ND (7.27)	ND (0.239)	ND (0.312)	ND (0.316)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,4-Dinitrotoluene	ND (0.571)	ND (0.0188)	ND (0.0245)	ND (0.0248)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2,6-Dinitrotoluene	ND (0.359)	ND (0.0118)	ND (0.0154)	ND (0.0156)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Chloronaphthalene	ND (0.337)	ND (0.0111)	ND (0.0145)	ND (0.0146)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Chloropheno	ND (0.794)	ND (0.0261)	ND (0.0341)	ND (0.0345)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Methylnaphthalene	20.0 (0.686)	ND (0.0226)	ND (0.0294)	ND (0.0298)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Methylpheno (o-cresol)	ND (0.555)	ND (0.0183)	ND (0.0238)	ND (0.0241)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Nitroaniline	ND (0.418)	ND (0.0137)	ND (0.0179)	ND (0.0181)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
2-Nitrophenol	ND (0.457)	ND (0.0150)	ND (0.0196)	ND (0.0199)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
3,3'-Dichlorobenzidine	ND (0.509)	ND (0.0168)	ND (0.0219)	ND (0.0221)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
3-Nitroaniline	ND (0.529)	ND (0.0174)	ND (0.0227)	ND (0.0230)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4,6-Dinitro-2-methylpheno	ND (0.823)	ND (0.0271)	ND (0.0353)	ND (0.0357)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4-Bromophenyl phenyl ether	ND (0.474)	ND (0.0156)	ND (0.0203)	ND (0.0206)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4-Chloro-3-methylpheno	ND (0.751)	ND (0.0247)	ND (0.0323)	ND (0.0326)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4-Chloroaniline	ND (0.581)	ND (0.0191)	ND (0.0249)	ND (0.0252)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
4-Chlorophenyl phenyl ether	ND (0.548)	ND (0.0181)	ND (0.0236)	ND (0.0238)	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	005		005		005		005		005			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
	05-SB-04	05-SB-04-04	05-SB-05	05-SB-05-01	05-SB-05	05-SB-05-02	05-SB-05-05	05-SB-05-02	05-SB-05-DS-02	05-SB-05-02		
	7.5 - 9.5		0 - 2		0 - 2		4 - 6		6 - 8			
SW8270 - Semivolatile Organics, cont. (mg/kg)												
4-Methylphenol(p-cresol)	ND	(0.597)	[1]	ND	(0.0197)	[1]	ND	(0.0256)	[1]	ND	(0.0259)	[1]
4-Nitroaniline	ND	(0.503)	[1]	ND	(0.0166)	[1]	ND	(0.0216)	[1]	ND	(0.0218)	[1]
4-Nitrophenol	ND	(0.718)	[1]	ND	(0.0236)	[1]	ND	(0.0308)	[1]	ND	(0.0312)	[1]
Acenaphthene	ND	(0.497)	[1]	ND	(0.0163)	[1]	ND	(0.0213)	[1]	ND	(0.0216)	[1]
Acenaphthylene	ND	(0.235)	[1]	ND	(0.00773)	[1]	ND	(0.0101)	[1]	ND	(0.0102)	[1]
Anthracene	ND	(0.604)	[1]	ND	(0.0199)	[1]	ND	(0.0259)	[1]	ND	(0.0262)	[1]
Benzo(a)anthracene	ND	(0.535)	[1]	ND	(0.0176)	[1]	ND	(0.0230)	[1]	ND	(0.0232)	[1]
Benzo(a)pyrene	ND	(0.398)	[1]	ND	(0.0131)	[1]	ND	(0.0171)	[1]	ND	(0.0173)	[1]
Benzo(b)fluoranthene	ND	(0.591)	[1]	ND	(0.0195)	[1]	ND	(0.0254)	[1]	0.0135	FJ (0.0257)	[1]
Benzo(g,h,i)perylene	ND	(0.506)	[1]	ND	(0.0167)	[1]	ND	(0.0217)	[1]	ND	(0.0220)	[1]
Benzo(k)fluoranthene	ND	(1.01)	[1]	ND	(0.0331)	[1]	ND	(0.0432)	[1]	0.0135	FJ (0.0437)	[1]
Benzoic acid	ND	(4.11)	[1]	ND	(0.135)	[1]	ND	(0.177)	[1]	ND	(0.179)	[1]
Benzyl alcohol	ND	(1.12)	[1]	ND	(0.0369)	[1]	0.0923	(0.0482)	[1]	ND	(0.0487)	[1]
Butylbenzylphthalate	ND	(0.408)	[1]	ND	(0.0134)	[1]	ND	(0.0175)	[1]	ND	(0.0177)	[1]
Chrysene	ND	(0.695)	[1]	ND	(0.0229)	[1]	ND	(0.0298)	[1]	ND	(0.0302)	[1]
Di-n-butylphthalate	ND	(0.512)	[1]	ND	(0.0169)	[1]	ND	(0.0220)	[1]	ND	(0.0222)	[1]
Di-n-octylphthalate	ND	(0.946)	[1]	ND	(0.0312)	[1]	ND	(0.0406)	[1]	ND	(0.0411)	[1]
Dibenz(a,h)anthracene	ND	(0.492)	[1]	ND	(0.0162)	[1]	ND	(0.0211)	[1]	ND	(0.0214)	[1]
Dibenzofuran	ND	(0.424)	[1]	ND	(0.0140)	[1]	ND	(0.0182)	[1]	ND	(0.0184)	[1]
Diethylphthalate	ND	(0.349)	[1]	ND	(0.0115)	[1]	ND	(0.0150)	[1]	ND	(0.0152)	[1]
Dimethylphthalate	ND	(0.291)	[1]	ND	(0.00958)	[1]	ND	(0.0125)	[1]	ND	(0.0126)	[1]
Diphenylamine/N-NitrosoDPA	ND	(0.588)	[1]	ND	(0.0194)	[1]	ND	(0.0252)	[1]	ND	(0.0255)	[1]
Fluoranthene	ND	(0.663)	[1]	ND	(0.0218)	[1]	ND	(0.0285)	[1]	0.0115	J (0.0288)	[1]
Fluorene	ND	(0.349)	[1]	ND	(0.0115)	[1]	ND	(0.0150)	[1]	ND	(0.0152)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		0 - 2		4 - 6		6 - 8	
	LOCATION ID	SAMPLE ID	005	005	005	005	005	005
	BEG. DEPTH - END DEPTH (FT.)		05-SB-04 05-SB-04-04	05-SB-05 05-SB-05-01	05-SB-05 05-SB-05-02	05-SB-05 05-SB-05-02	05-SB-05 05-SB-05-02 Dup of 05-SB-05-02	05-SB-05 05-SB-05-02
SW8270 - Semivolatile Organics, cont. (mg/kg)			7.5 - 9.5	0 - 2	4 - 6	6 - 8		
Hexachlorobenzene	ND	(0.243)	[1]	ND (0.00800)	[1]	ND (0.0104)	[1]	ND (0.0106)
Hexachlorobutadiene	ND	(0.725)	[1]	ND (0.0239)	[1]	ND (0.0311)	[1]	ND (0.0315)
Hexachlorocyclopentadiene	ND	(9.27)	[1]	ND (0.305)	[1]	ND (0.398)	[1]	ND (0.402)
Hexachloroethane	ND	(0.617)	[1]	ND (0.0203)	[1]	ND (0.0265)	[1]	ND (0.0268)
Indeno(1,2,3-cd)pyrene	ND	(0.545)	[1]	ND (0.0180)	[1]	ND (0.0234)	[1]	ND (0.0237)
Isophorone	ND	(0.298)	[1]	ND (0.00982)	[1]	ND (0.0128)	[1]	ND (0.0129)
N-Nitroso-di-n-propylamine	ND	(0.780)	[1]	ND (0.0257)	[1]	ND (0.0335)	[1]	ND (0.0339)
Naphthalene	14.9	(0.757)	[1]	ND (0.0249)	[1]	ND (0.0325)	[1]	0.0152 J (0.0329)
Nitrobenzene	ND	(0.548)	[1]	ND (0.0181)	[1]	ND (0.0236)	[1]	ND (0.0238)
Pentachlorophenol	ND	(0.897)	[1]	ND (0.0295)	[1]	ND (0.0385)	[1]	ND (0.0390)
Phenanthrene	0.359 J	(0.646)	[1]	ND (0.0213)	[1]	ND (0.0277)	[1]	0.0155 JB (0.0281)
Phenol	ND	(0.414)	[1]	ND (0.0136)	[1]	ND (0.0178)	[1]	ND (0.0180)
Pyrene	ND	(0.486)	[1]	ND (0.0160)	[1]	ND (0.0209)	[1]	0.0120 J (0.0211)
bis(2-Chloroethoxy)methane	ND	(0.584)	[1]	ND (0.0192)	[1]	ND (0.0251)	[1]	ND (0.0254)
bis(2-Chloroethyl)ether	ND	(0.760)	[1]	ND (0.0250)	[1]	ND (0.0327)	[1]	ND (0.0330)
bis(2-Chloroisopropyl)ether	ND	(0.754)	[1]	ND (0.0248)	[1]	ND (0.0324)	[1]	ND (0.0328)
bis(2-Ethylhexyl)phthalate	0.485 J	(1.90)	[1]	ND (0.0626)	[1]	0.0390 J (0.0816)	[1]	ND (0.0826)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID					
	SAMPLE ID					
	BEG. DEPTH - END DEPTH (FT.)					
	005 05-SB-05 05-SB-05-03 10 - 12	005 05-SB-05 05-SB-05-04 14 - 16	005 05-SB-06 05-SB-06-01 0 - 2	005 05-SB-06 05-SB-06-02 4 - 6	190	29.0 B (20.0)
Diesel Range Organics (mg/kg)	2.00 JB (20.0)	8.00 JB (20.0)	190		[1]	[1]
Diesel Range Organics						[1]
Gasoline Range Organics (mg/kg)	1.00 J (10.0)	3.00 J (10.0)	0.00 JB (10.0)		[1]	[1]
Gasoline Range Organics						[1]
Percent Solid (percent)	21.1 (0.00)	26.1 (0.00)	9.96 (0.00)		[1]	[1]
Percent moisture						[1]
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,1,2,2-Tetrachloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,1,2-Trichloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,1-Dichloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,1-Dichloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,2-Dichloroethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
1,2-Dichloropropane	ND (5.00)	ND (8.00)	ND		[1]	[1]
2-Butanone(MEK)	2.00 JB (30.0)	ND (50.0)	ND		[1]	[1]
2-Chloroethyl vinyl ether	ND (5.00)	ND (8.00)	ND		[1]	[1]
2-Hexanone	ND (30.0)	ND (50.0)	ND		[1]	[1]
4-Methyl-2-pentanone(MIBK)	ND (30.0)	ND (50.0)	ND		[1]	[1]
Acetone	9.80 JB (100)	130 J (200)	ND		[1]	[1]
Benzene	4.10 J (5.00)	13.0 (8.00)	ND		[1]	[1]
Bromodichloromethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
Bromomethane	ND (5.00)	ND (8.00)	ND		[1]	[1]
Carbon disulfide	ND (10.0)	ND (20.0)	ND		[1]	[1]
() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report						

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID							
	005		005		005			
	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)		
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon tetrachloride	05-SB-05 05-SB-05-03 10 - 12	(5.00)	05-SB-05 05-SB-05-04 14 - 16	(8.00)	05-SB-06 05-SB-06-01 0 - 2	(6.00)	05-SB-06 05-SB-06-02 4 - 6	(100)
Chlorobenzene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Chloroethane	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Chloroform	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Chloromethane	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Dibromochloromethane	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Ethylbenzene	1.50 J	(5.00)	ND	(8.00)	ND	(6.00)	420	(100)
Methylene chloride	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Styrene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Tetrachloroethene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Toluene	ND	(5.00)	ND	(8.00)	1.50 J	(6.00)	ND	(100)
Tribromomethane(Bromoform)	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Trichloroethene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
Vinyl acetate	ND	(50.0)	ND	(80.0)	ND	(60.0)	ND	(1000)
Vinyl chloride	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
cis-1,2-Dichloroethene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
cis-1,3-Dichloropropene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
m & p-Xylene	2.80 J	(20.0)	ND	(30.0)	ND	(20.0)	330	(400)
o-Xylene	1.50 J	(10.0)	ND	(20.0)	ND	(10.0)	ND	(200)
trans-1,2-Dichloroethene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
trans-1,3-Dichloropropene	ND	(5.00)	ND	(8.00)	ND	(6.00)	ND	(100)
SW8270 - Semivolatile Organics (mg/kg)								
1,2,4-Trichlorobenzene	ND	(0.0249)	ND	(0.0266)	ND	(0.0218)	ND	(0.0243)
1,2-Dichlorobenzene	ND	(0.0328)	ND	(0.0351)	ND	(0.0288)	ND	(0.0320)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID								
	LOCATION ID		SAMPLE ID						
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)					
	005	005	005	005					
	05-SB-05	05-SB-06	05-SB-06	05-SB-06					
	05-SB-05-03	05-SB-05-04	05-SB-06-01	05-SB-06-02					
	10 - 12	14 - 16	0 - 2	4 - 6					
SW8270 - Semivolatile Organics, cont. (mg/kg)									
1,3-Dichlorobenzene	ND	(0.0167)	[1]	ND	(0.0146)	[1]	ND	(0.0163)	[1]
1,4-Dichlorobenzene	ND	(0.0341)	[1]	ND	(0.0364)	[1]	ND	(0.0299)	[1]
2,4,5-Trichloropheno	ND	(0.0139)	[1]	ND	(0.0149)	[1]	ND	(0.0122)	[1]
2,4,6-Trichloropheno	ND	(0.0147)	[1]	ND	(0.0157)	[1]	ND	(0.0129)	[1]
2,4-Dichloropheno	ND	(0.0187)	[1]	ND	(0.0199)	[1]	ND	(0.0164)	[1]
2,4-Dimethylpheno	ND	(0.0464)	[1]	ND	(0.0495)	[1]	ND	(0.0406)	[1]
2,4-Dinitrophenol	ND	(0.295)	[1]	ND	(0.315)	[1]	ND	(0.259)	[1]
2,4-Dinitrotoluene	ND	(0.0232)	[1]	ND	(0.0248)	[1]	ND	(0.0203)	[1]
2,6-Dinitrotoluene	ND	(0.0146)	[1]	ND	(0.0156)	[1]	ND	(0.0128)	[1]
2-Chloronaphthalene	ND	(0.0137)	[1]	ND	(0.0146)	[1]	ND	(0.0120)	[1]
2-Chloropheno	ND	(0.0322)	[1]	ND	(0.0344)	[1]	ND	(0.0282)	[1]
2-Methylnaphthalene	ND	(0.0278)	[1]	ND	(0.0297)	[1]	0.0211 J	(0.0244)	[1]
2-Methylpheno (o-cresol)	ND	(0.0225)	[1]	ND	(0.0240)	[1]	ND	(0.0197)	[1]
2-Nitroaniline	ND	(0.0169)	[1]	ND	(0.0181)	[1]	ND	(0.0149)	[1]
2-Nitrophenol	ND	(0.0186)	[1]	ND	(0.0198)	[1]	ND	(0.0163)	[1]
3,3'-Dichlorobenzidine	ND	(0.0207)	[1]	ND	(0.0221)	[1]	ND	(0.0181)	[1]
3-Nitroaniline	ND	(0.0215)	[1]	ND	(0.0229)	[1]	ND	(0.0188)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.0334)	[1]	ND	(0.0357)	[1]	ND	(0.0293)	[1]
4-Bromophenyl phenyl ether	ND	(0.0192)	[1]	ND	(0.0205)	[1]	ND	(0.0168)	[1]
4-Chloro-3-methylpheno	ND	(0.0305)	[1]	ND	(0.0326)	[1]	ND	(0.0267)	[1]
4-Chloroaniline	ND	(0.0236)	[1]	ND	(0.0252)	[1]	ND	(0.0207)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0223)	[1]	ND	(0.0238)	[1]	ND	(0.0195)	[1]
4-Methylpheno (p-cresol)	ND	(0.0242)	[1]	ND	(0.0259)	[1]	ND	(0.0212)	[1]
4-Nitroaniline	ND	(0.0204)	[1]	ND	(0.0218)	[1]	ND	(0.0179)	[1]
4-Nitrophenol	ND	(0.0291)	[1]	ND	(0.0311)	[1]	ND	(0.0255)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	005			005			005		
	05-SB-05-03 10 - 12	05-SB-05-04 14 - 16	05-SB-05-05 14 - 16	05-SB-06-01 0 - 2	05-SB-06-01 0 - 2	05-SB-06-02 4 - 6	05-SB-06-01 0 - 2	05-SB-06-01 0 - 2	05-SB-06-02 4 - 6
SW8270 - Semivolatile Organics, cont. (mg/kg)									
Acenaphthene	ND (0.0202)	ND (0.0215)	ND (0.0215)	ND (0.0177)	ND (0.0177)	ND (0.0196)	ND (0.0177)	ND (0.0177)	ND (0.0196)
Acenaphthylene	ND (0.00953)	ND (0.0102)	ND (0.0102)	ND (0.00835)	ND (0.00835)	ND (0.00929)	ND (0.00835)	ND (0.00835)	ND (0.00929)
Anthracene	ND (0.0245)	ND (0.0262)	ND (0.0262)	ND (0.0215)	ND (0.0215)	ND (0.0239)	ND (0.0215)	ND (0.0215)	ND (0.0239)
Benzo(a)anthracene	ND (0.0217)	ND (0.0232)	ND (0.0232)	ND (0.0190)	ND (0.0190)	ND (0.0212)	ND (0.0190)	ND (0.0190)	ND (0.0212)
Benzo(a)pyrene	ND (0.0161)	ND (0.0172)	ND (0.0172)	ND (0.0142)	ND (0.0142)	ND (0.0157)	ND (0.0142)	ND (0.0142)	ND (0.0157)
Benzo(b)fluoranthene	ND (0.0240)	ND (0.0256)	ND (0.0256)	0.00824 FJ (0.0210)	0.00824 FJ (0.0210)	ND (0.0234)	0.00824 FJ (0.0210)	0.00824 FJ (0.0210)	ND (0.0234)
Benzo(g,h,i)perylene	ND (0.0205)	ND (0.0219)	ND (0.0219)	ND (0.0180)	ND (0.0180)	ND (0.0200)	ND (0.0180)	ND (0.0180)	ND (0.0200)
Benzo(k)fluoranthene	ND (0.0408)	ND (0.0436)	ND (0.0436)	0.00824 FJ (0.0358)	0.00824 FJ (0.0358)	ND (0.0398)	0.00824 FJ (0.0358)	0.00824 FJ (0.0358)	ND (0.0398)
Benzoic acid	ND (0.167)	ND (0.178)	ND (0.178)	ND (0.146)	ND (0.146)	ND (0.163)	ND (0.146)	ND (0.146)	ND (0.163)
Benzyl alcohol	ND (0.0455)	ND (0.0486)	ND (0.0486)	ND (0.0399)	ND (0.0399)	ND (0.0444)	ND (0.0399)	ND (0.0399)	ND (0.0444)
Butylbenzylphthalate	ND (0.0166)	ND (0.0177)	ND (0.0177)	ND (0.0145)	ND (0.0145)	ND (0.0162)	ND (0.0145)	ND (0.0145)	ND (0.0162)
Chrysene	ND (0.0282)	ND (0.0301)	ND (0.0301)	ND (0.0247)	ND (0.0247)	ND (0.0275)	ND (0.0247)	ND (0.0247)	ND (0.0275)
Di-n-butylphthalate	ND (0.0208)	ND (0.0222)	ND (0.0222)	ND (0.0182)	ND (0.0182)	ND (0.0203)	ND (0.0182)	ND (0.0182)	ND (0.0203)
Di-n-octylphthalate	ND (0.0384)	ND (0.0410)	ND (0.0410)	ND (0.0337)	ND (0.0337)	ND (0.0374)	ND (0.0337)	ND (0.0337)	ND (0.0374)
Dibenz(a,h)anthracene	ND (0.0200)	ND (0.0213)	ND (0.0213)	ND (0.0175)	ND (0.0175)	ND (0.0195)	ND (0.0175)	ND (0.0175)	ND (0.0195)
Dibenzofuran	ND (0.0172)	ND (0.0184)	ND (0.0184)	ND (0.0151)	ND (0.0151)	ND (0.0168)	ND (0.0151)	ND (0.0151)	ND (0.0168)
Diethylphthalate	ND (0.0142)	ND (0.0151)	ND (0.0151)	ND (0.0124)	ND (0.0124)	ND (0.0138)	ND (0.0124)	ND (0.0124)	ND (0.0138)
Dimethylphthalate	ND (0.0118)	ND (0.0126)	ND (0.0126)	ND (0.0103)	ND (0.0103)	ND (0.0115)	ND (0.0103)	ND (0.0103)	ND (0.0115)
Diphenylamine/N-NitrosoDPA	ND (0.0239)	ND (0.0255)	ND (0.0255)	ND (0.0209)	ND (0.0209)	ND (0.0233)	ND (0.0209)	ND (0.0209)	ND (0.0233)
Fluoranthene	ND (0.0269)	ND (0.0287)	ND (0.0287)	ND (0.0236)	ND (0.0236)	ND (0.0262)	ND (0.0236)	ND (0.0236)	ND (0.0262)
Fluorene	ND (0.0142)	ND (0.0151)	ND (0.0151)	ND (0.0124)	ND (0.0124)	ND (0.0138)	ND (0.0124)	ND (0.0124)	ND (0.0138)
Hexachlorobenzene	ND (0.00987)	ND (0.0105)	ND (0.0105)	ND (0.00864)	ND (0.00864)	ND (0.00962)	ND (0.00864)	ND (0.00864)	ND (0.00962)
Hexachlorobutadiene	ND (0.0294)	ND (0.0314)	ND (0.0314)	ND (0.0258)	ND (0.0258)	ND (0.0287)	ND (0.0258)	ND (0.0258)	ND (0.0287)
Hexachlorocyclopentadiene	ND (0.376)	ND (0.402)	ND (0.402)	ND (0.330)	ND (0.330)	ND (0.367)	ND (0.330)	ND (0.330)	ND (0.367)
Hexachloroethane	ND (0.0250)	ND (0.0267)	ND (0.0267)	ND (0.0219)	ND (0.0219)	ND (0.0244)	ND (0.0219)	ND (0.0219)	ND (0.0244)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
Diesel Range Organics (mg/kg)	005	005	005	005	005	005	005	005	005	005
Diesel Range Organics	05-SB-06	05-SB-06 (20.0)	05-SB-06	05-SB-06 (20.0)	05-SB-06	05-SB-06 (20.0)	05-SB-06	05-SB-06 (20.0)	05-SB-16	05-SB-16 (20.0)
	05-SB-06-03	8 - 10	05-SB-06-04	12 - 14	05-SB-16-01	0 - 0.5	05-SB-17-01	0 - 0.5	05-SS-17	0 - 0.5
Gasoline Range Organics (mg/kg)	005	005	005	005	005	005	005	005	005	005
Gasoline Range Organics	05-SB-06	05-SB-06 (10.0)	05-SB-06	05-SB-06 (10.0)	05-SB-06	05-SB-06 (10.0)	05-SB-06	05-SB-06 (10.0)	05-SB-16	05-SB-16 (10.0)
	05-SB-06-03	8 - 10	05-SB-06-04	12 - 14	05-SB-16-01	0 - 0.5	05-SB-17-01	0 - 0.5	05-SS-17	0 - 0.5
Percent Solid (percent)	005	005	005	005	005	005	005	005	005	005
Percent moisture	05-SB-06	8.00 JB (20.0)	05-SB-06	8.00 JB (20.0)	05-SB-06	8.00 JB (20.0)	05-SB-06	8.00 JB (20.0)	05-SB-16	05-SB-16 (20.0)
	05-SB-06-03	8 - 10	05-SB-06-04	12 - 14	05-SB-16-01	0 - 0.5	05-SB-17-01	0 - 0.5	05-SS-17	0 - 0.5
SW8240 - Volatile Organics (ug/kg)	005	005	005	005	005	005	005	005	005	005
1,1,1-Trichloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,1,2,2-Tetrachloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,1,2-Trichloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,1-Dichloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,1-Dichloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,2-Dichloroethane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
1,2-Dichloropropane	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
2-Butanone(MEK)	05-SB-06	500 JB (600)	05-SB-06	16.0 JB (30.0)	05-SB-06	16.0 JB (30.0)	05-SB-06	16.0 JB (30.0)	05-SB-16	16.0 JB (30.0)
2-Chloroethyl vinyl ether	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-06	ND (100)	05-SB-16	ND (100)
2-Hexanone	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-16	ND (600)
4-Methyl-2-pentanone(MIBK)	05-SB-06	ND (600)	05-SB-06	9.40 J (30.0)	05-SB-06	9.40 J (30.0)	05-SB-06	9.40 J (30.0)	05-SB-16	9.40 J (30.0)
Acetone	05-SB-06	440 J (3000)	05-SB-06	91.0 J (100)	05-SB-06	91.0 J (100)	05-SB-06	91.0 J (100)	05-SB-16	91.0 J (100)
Benzene	05-SB-06	380 (100)	05-SB-06	26.0 (600)	05-SB-06	26.0 (600)	05-SB-06	26.0 (600)	05-SB-16	26.0 (600)
Bromodichloromethane	05-SB-06	ND (100)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-16	ND (600)
Bromomethane	05-SB-06	ND (100)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-06	ND (600)	05-SB-16	ND (600)
Carbon disulfide	05-SB-06	ND (300)	05-SB-06	ND (10.0)	05-SB-06	ND (10.0)	05-SB-06	ND (10.0)	05-SB-16	ND (10.0)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	005	005	005				
	05-SB-06		05-SB-06								05-SS-16		05-SS-17	
	8 - 10	8 - 10	12 - 14	12 - 14							0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
SW8240 - Volatile Organics, cont. (ug/kg)														
Carbon tetrachloride	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Chlorobenzene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Chloroethane	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Chloroform	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Chloromethane	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Dibromochloromethane	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Ethylbenzene	650	(100)	[1]	58.0	(6.00)	[1]	NA	NA	NA	NA				
Methylene chloride	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Styrene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Tetrachloroethene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Toluene	ND	(100)	[1]	3.40 J	(6.00)	[1]	NA	NA	NA	NA				
Tribromomethane(Bromoform)	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Trichloroethene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Vinyl acetate	ND	(1000)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
Vinyl chloride	ND	(100)	[1]	ND	(60.0)	[1]	NA	NA	NA	NA				
cis-1,2-Dichloroethene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
cis-1,3-Dichloropropene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
m & p-Xylene	1000	(400)	[1]	1.90 J	(20.0)	[1]	NA	NA	NA	NA				
o-Xylene	ND	(300)	[1]	ND	(10.0)	[1]	NA	NA	NA	NA				
trans-1,2-Dichloroethene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
trans-1,3-Dichloropropene	ND	(100)	[1]	ND	(6.00)	[1]	NA	NA	NA	NA				
SW8270 - Semivolatile Organics (mg/kg)														
1,2,4-Trichlorobenzene	ND	(0.0259)	[1]	ND	(0.0257)	[1]	NA	NA	NA	NA				
1,2-Dichlorobenzene	ND	(0.0341)	[1]	ND	(0.0339)	[1]	NA	NA	NA	NA				

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	005		005		005	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
SW8270 - Semi-volatile Organics, cont. (mg/kg)						
1,3-Dichlorobenzene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
1,4-Dichlorobenzene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4,5-Trichloropheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4,6-Trichloropheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4-Dichloropheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4-Dimethylpheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4-Dinitrophenol	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,4-Dinitrotoluene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2,6-Dinitrotoluene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Chloronaphthalene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Chloropheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Methylnaphthalene	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Methylpheno (o-cresol)	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Nitroaniline	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
2-Nitrophenol	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
3,3'-Dichlorobenzidine	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
3-Nitroaniline	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4,6-Dinitro-2-methylpheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Bromophenyl phenyl ether	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Chloro-3-methylpheno	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Chloroaniline	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Chlorophenyl phenyl ether	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Methylpheno (p-cresol)	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Nitroaniline	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5
4-Nitrophenol	05-SB-06	8 - 10	05-SB-06	12 - 14	05-SS-16	0 - 0.5

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	005	005	005	005
	05-SB-06	05-SB-06	05-SS-16	05-SS-17
	05-SB-06-03	05-SB-06-04	05-SS-16-01	05-SS-17-01
	8 - 10	12 - 14	0 - 0.5	0 - 0.5

SW8270 - Semivolatile Organics, cont. (mg/kg)				
Acenaphthene	ND	(0.0209)	[1]	ND
Acenaphthylene	ND	(0.00989)	[1]	ND
Anthracene	ND	(0.0254)	[1]	ND
Benzo(a)anthracene	ND	(0.0225)	[1]	ND
Benzo(a)pyrene	ND	(0.0168)	[1]	0.0183
Benzo(b)fluoranthene	ND	(0.0249)	[1]	ND
Benzo(g,h,i)perylene	ND	(0.0213)	[1]	ND
Benzo(k)fluoranthene	ND	(0.0424)	[1]	ND
Benzoic acid	0.0311 J	(0.173)	[1]	0.0365 J
Benzyl alcohol	ND	(0.0473)	[1]	ND
Butylbenzylphthalate	ND	(0.0172)	[1]	ND
Chrysene	ND	(0.0293)	[1]	ND
Di-n-butylphthalate	ND	(0.0216)	[1]	ND
Di-n-octylphthalate	ND	(0.0399)	[1]	ND
Dibenz(a,h)anthracene	ND	(0.0207)	[1]	ND
Dibenzofuran	ND	(0.0179)	[1]	ND
Diethylphthalate	ND	(0.0147)	[1]	ND
Dimethylphthalate	ND	(0.0123)	[1]	ND
Diphenylamine/N-NitrosodPA	ND	(0.0248)	[1]	ND
Fluoranthene	ND	(0.0279)	[1]	ND
Fluorene	ND	(0.0147)	[1]	ND
Hexachlorobenzene	ND	(0.0102)	[1]	ND
Hexachlorobutadiene	ND	(0.0305)	[1]	ND
Hexachlorocyclopentadiene	ND	(0.390)	[1]	ND
Hexachloroethane	ND	(0.0260)	[1]	ND

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	005		005		005		005		005	
	8 - 10	05-SB-06-03	05-SB-06	05-SB-06-04	12 - 14	05-SB-06	05-SB-16-01	05-SS-17-01	0 - 0.5	0 - 0.5
	BEG. DEPTH	END DEPTH	BEG. DEPTH	END DEPTH	BEG. DEPTH	END DEPTH	BEG. DEPTH	END DEPTH	BEG. DEPTH	END DEPTH
	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)	(FT.)
SW8270 - Semivolatile Organics, cont. (mg/kg)										
Indeno(1,2,3-cd)pyrene	ND	(0.0230)	[1]	ND	(0.0228)	[1]	NA			NA
Isophorone	ND	(0.0126)	[1]	ND	(0.0125)	[1]	NA			NA
N-Nitroso-di-n-propylamine	ND	(0.0329)	[1]	ND	(0.0326)	[1]	NA			NA
Naphthalene	ND	(0.0319)	[1]	ND	(0.0317)	[1]	NA			NA
Nitrobenzene	ND	(0.0231)	[1]	ND	(0.0230)	[1]	NA			NA
Pentachloropheno1	ND	(0.0378)	[1]	ND	(0.0376)	[1]	NA			NA
Phenanthrene	ND	(0.0272)	[1]	0.00852 JB	(0.0270)	[1]	NA			NA
Pheno1	ND	(0.0175)	[1]	ND	(0.0173)	[1]	NA			NA
Pyrene	ND	(0.0205)	[1]	ND	(0.0203)	[1]	NA			NA
bis(2-Chloroethoxy)methane	ND	(0.0246)	[1]	ND	(0.0244)	[1]	NA			NA
bis(2-Chloroethyl)ether	ND	(0.0320)	[1]	ND	(0.0318)	[1]	NA			NA
bis(2-Chloroisopropyl)ether	ND	(0.0318)	[1]	ND	(0.0316)	[1]	NA			NA
bis(2-Ethylhexyl)phthalate	ND	(0.0801)	[1]	ND	(0.0796)	[1]	NA			NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	[1]	[1]	[1]	[1]	[1]		
	LOCATION ID	SAMPLE ID									
Percent Solid (percent)	005	005	0 - 0.5	13.7	(	0.00)	(	0.00)	(	0.00)	[1]
	05-SS-18	05-SS-19	05-SS-18-01	19.6	(	0.00)	(	0.00)	(	0.00)	[1]
Percent moisture	005	005	0 - 0.5	13.7	(	0.00)	(	0.00)	(	0.00)	[1]
	05-SS-20	05-SS-20	05-SS-20-01 Dup of 05-SS-20-01	13.5	(	0.00)	(	0.00)	(	0.00)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	DILUTION FACTOR	DETECTION LIMIT	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	REFER TO QC REPORT	
	005	008										
	05-SS-21 0 - 0.5	06-SB-03 0 - 2										
Diesel Range Organics (mg/kg)	NA	NA	81.0 B	05-SS-22	06-SB-03	[1]	[1]	12000	(	20.0)	[25]
Diesel Range Organics				05-SS-21-01 0 - 0.5	06-SB-03-01 0 - 2	[1]	[1]	4900	(	10.0)	[100]
Gasoline Range Organics (mg/kg)	NA	NA	41.0	05-SS-22-01 0 - 0.5	06-SB-03-01 0 - 2	[1]	[1]	13.4	(	0.00)	[1]
Gasoline Range Organics						[1]	[1]		(	0.00)	[1]
Percent Solid (percent)	22.4	(0.00)	[1]	17.9	(0.00)	[1]	14.5	(0.00)	[1]
Percent moisture												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	NA	NA	ND	05-SS-22	06-SB-03	[20]	[20]	ND	(	2000)	[20]
1,1,2,2-Tetrachloroethane	NA	NA	ND	05-SS-21-01 0 - 0.5	06-SB-03-01 0 - 2	[20]	[20]	ND	(	2000)	[20]
1,1,2-Trichloroethane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
1,1-Dichloroethane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
1,1-Dichloroethene	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
1,2-Dichloroethane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
1,2-Dichloropropane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
2-Butanone(MEK)	NA	NA	ND			[20]	[20]	ND	(	11000)	[20]
2-Chloroethyl vinyl ether	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
2-Hexanone	NA	NA	ND			[20]	[20]	ND	(	11000)	[20]
4-Methyl-2-pentanone(MIBK)	NA	NA	ND			[20]	[20]	ND	(	11000)	[20]
Acetone	NA	NA	ND			[20]	[20]	ND	(	42000)	[20]
Benzene	NA	NA	6600			[20]	[20]	22000	(	2000)	[20]
Bromodichloromethane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
Bromomethane	NA	NA	ND			[20]	[20]	ND	(	2000)	[20]
Carbon disulfide	NA	NA	ND			[20]	[20]	ND	(	4000)	[20]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW8240 - Volatile Organics, cont. (ug/kg)	005	005	008	008
Carbon tetrachloride	05-SS-21 0 - 0.5	05-SS-22 0 - 0.5	06-SB-03 0 - 2	06-SB-03 4 - 6
Chlorobenzene	NA	NA	(2000)	(2000)
Chloroethane	NA	NA	(2000)	(2000)
Chloroform	NA	NA	(2000)	(2000)
Chloromethane	NA	NA	(2000)	(2000)
Dibromochloromethane	NA	NA	(2000)	(2000)
Ethylbenzene	NA	NA	(2000)	(2000)
Methylene chloride	NA	35000	(2000)	(2000)
Styrene	NA	ND	(2000)	(2000)
Tetrachloroethene	NA	ND	(2000)	(2000)
Toluene	NA	71000	(2000)	(2000)
Tribromomethane(Bromoform)	NA	NA	(2000)	(2000)
Trichloroethene	NA	NA	(2000)	(2000)
Vinyl acetate	NA	NA	(24000)	(21000)
Vinyl chloride	NA	NA	(2000)	(2000)
cis-1,2-Dichloroethene	NA	NA	(2000)	(2000)
cis-1,3-Dichloropropene	NA	NA	(2000)	(2000)
m & p-Xylene	NA	280000	(7000)	(6000)
o-Xylene	NA	140000	(5000)	(4000)
trans-1,2-Dichloroethene	NA	ND	(2000)	(2000)
trans-1,3-Dichloropropene	NA	ND	(2000)	(2000)
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	NA	NA	(0.0229)	(0.623)
1,2-Dichlorobenzene	NA	NA	(0.0247)	(0.673)

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	005		008		008	
	LOCATION ID	SAMPLE ID		05-SS-21	05-SS-22	06-SB-03	06-SB-03	06-SB-03-02	06-SB-03
				0 - 0.5	0 - 0.5	0 - 2	0 - 2	4 - 6	
SW8270 - Semivolatile Organics, cont. (mg/kg)									
1,3-Dichlorobenzene	NA	NA	NA	NA	(0.0279)	[1]	ND	(0.760)	[1]
1,4-Dichlorobenzene	NA	NA	NA	NA	(0.0229)	[1]	ND	(0.623)	[1]
2,4,5-Trichlorophenol	NA	NA	NA	NA	(0.0198)	[1]	ND	(0.539)	[1]
2,4,6-Trichlorophenol	NA	NA	NA	NA	(0.0197)	[1]	ND	(0.536)	[1]
2,4-Dichlorophenol	NA	NA	NA	NA	(0.0222)	[1]	ND	(0.603)	[1]
2,4-Dimethylphenol	NA	NA	NA	NA	(0.0506)	[1]	ND	(1.38)	[1]
2,4-Dinitrophenol	NA	NA	NA	NA	(0.163)	[1]	ND	(4.43)	[1]
2,4-Dinitrotoluene	NA	NA	NA	NA	(0.0230)	[1]	ND	(0.626)	[1]
2,6-Dinitrotoluene	NA	NA	NA	NA	(0.0335)	[1]	ND	(0.912)	[1]
2-Chloronaphthalene	NA	NA	NA	NA	(0.0153)	[1]	ND	(0.415)	[1]
2-Chlorophenol	NA	NA	NA	NA	(0.0247)	[1]	ND	(0.673)	[1]
2-Methylnaphthalene	NA	NA	NA	NA	(0.0142)	[1]	33.5	(0.386)	[1]
2-Methylphenol (o-cresol)	NA	NA	NA	NA	(0.0121)	[1]	ND	(0.328)	[1]
2-Nitroaniline	NA	NA	NA	NA	(0.0258)	[1]	ND	(0.702)	[1]
2-Nitrophenol	NA	NA	NA	NA	(0.0203)	[1]	ND	(0.553)	[1]
3,3'-Dichlorobenzidine	NA	NA	NA	NA	(0.0130)	[1]	ND	(0.353)	[1]
3-Nitroaniline	NA	NA	NA	NA	(0.0153)	[1]	ND	(0.416)	[1]
4,6-Dinitro-2-methylphenol	NA	NA	NA	NA	(0.0167)	[1]	ND	(0.456)	[1]
4-Bromophenyl phenyl ether	NA	NA	NA	NA	(0.0188)	[1]	ND	(0.513)	[1]
4-Chloro-3-methylphenol	NA	NA	NA	NA	(0.0201)	[1]	ND	(0.546)	[1]
4-Chloroaniline	NA	NA	NA	NA	(0.0290)	[1]	3.23	(0.789)	[1]
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	(0.0164)	[1]	ND	(0.446)	[1]
4-Methylphenol(p-cresol)	NA	NA	NA	NA	(0.0179)	[1]	ND	(0.486)	[1]
4-Nitroaniline	NA	NA	NA	NA	(0.0236)	[1]	ND	(0.642)	[1]
4-Nitrophenol	NA	NA	NA	NA	(0.0365)	[1]	ND	(0.993)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	008		005	
	LOCATION ID	SAMPLE ID		05-SS-21	05-SS-22	06-SB-03	06-SB-03
				0 - 0.5	0 - 0.5	0 - 2	4 - 6

SW8270 - Semivolatile Organics, cont. (mg/kg)							
Acenaphthene	NA	NA	NA	NA	ND	ND	(0.288)
Acenaphthylene	NA	NA	NA	NA	ND	ND	(0.443)
Anthracene	NA	NA	NA	NA	ND	ND	(0.390)
Benzo(a)anthracene	NA	NA	NA	NA	ND	ND	(0.476)
Benzo(a)pyrene	NA	NA	NA	NA	ND	ND	(0.549)
Benzo(b)fluoranthene	NA	NA	NA	NA	ND	ND	(0.962)
Benzo(g,h,i)perylene	NA	NA	NA	NA	ND	ND	(1.08)
Benzo(k)fluoranthene	NA	NA	NA	NA	ND	ND	(1.06)
Benzoic acid	NA	NA	NA	NA	ND	ND	(40.9)
Benzyl alcohol	NA	NA	NA	NA	ND	ND	(0.646)
Butylbenzylphthalate	NA	NA	NA	NA	ND	ND	(0.662)
Chrysene	NA	NA	NA	NA	ND	ND	(0.569)
Di-n-butylphthalate	NA	NA	NA	NA	ND	ND	(0.343)
Di-n-octylphthalate	NA	NA	NA	NA	ND	ND	(0.373)
Dibenz(a,h)anthracene	NA	NA	NA	NA	ND	ND	(0.859)
Dibenzofuran	NA	NA	NA	NA	ND	0.625	(0.569)
Diethylphthalate	NA	NA	NA	NA	ND	ND	(0.546)
Dimethylphthalate	NA	NA	NA	NA	ND	ND	(0.356)
Diphenylamine/N-NitrosodPA	NA	NA	NA	NA	ND	ND	(0.285)
Fluoranthene	NA	NA	NA	NA	ND	ND	(0.499)
Fluorene	NA	NA	NA	NA	ND	0.836	(0.403)
Hexachlorobenzene	NA	NA	NA	NA	ND	ND	(0.333)
Hexachlorobutadiene	NA	NA	NA	NA	ND	ND	(0.542)
Hexachlorocyclopentadiene	NA	NA	NA	NA	ND	ND	(6.24)
Hexachloroethane	NA	NA	NA	NA	ND	ND	(0.673)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	005		008	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	05-SS-21 05-SS-21-01 0 - 0.5	05-SS-22 05-SS-22-01 0 - 0.5	06-SB-03 06-SB-03-01 0 - 2
SW8270 - Semivolatile Organics, cont. (mg/kg)				
Indeno(1,2,3-cd)pyrene	NA	NA	ND	ND
Isophorone	NA	NA	ND	ND
N-Nitroso-di-n-propylamine	NA	NA	ND	ND
Naphthalene	NA	0.0202	ND	13.5
Nitrobenzene	NA	NA	ND	ND
Pentachloropheno1	NA	NA	ND	ND
Phenanthrene	NA	NA	ND	0.578
Pheno1	NA	NA	ND	ND
Pyrene	NA	0.0136 J	ND	ND
bis(2-Chloroethoxy)methane	NA	NA	ND	ND
bis(2-Chloroethyl)ether	NA	NA	ND	ND
bis(2-Chloroisopropyl)ether	NA	NA	ND	ND
bis(2-Ethylhexyl)phthalate	NA	0.118	ND	22.9
			(0.0518)	(1.41)
			(0.0240)	(0.653)
			(0.0255)	(0.693)
			(0.0186)	(0.506)
			(0.0328)	(0.892)
			(0.0346)	(0.942)
			(0.0182)	(0.496)
			(0.0344)	(0.935)
			(0.0159)	(0.432)
			(0.0236)	(0.642)
			(0.0149)	(0.406)
			(0.0311)	(0.845)
			(0.0226)	(0.616)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	PARAMETER	UNIT	CONCENTRATION	STATUS	REMARKS			
	008	008	06-SB-03	06-SB-03	06-SS-07	06-SS-07-01									
Diesel Range Organics (mg/kg)	11000	(	20.0)	[25]	12000	(	20.0)	[50]	59.0	B	(	20.0)	[1]	NA
Diesel Range Organics	8200	(	10.0)	[100]	8600	(	10.0)	[100]	1.00	J	(	10.0)	[1]	NA
Gasoline Range Organics (mg/kg)	25.0	(	0.00)	[1]	25.4	(	0.00)	[1]	10.3		(	0.00)	[1]	12.2
Percent Solid (percent)														0.00	
Percent moisture														0.00	
SW8240 - Volatile Organics (ug/kg)															
1,1,1-Trichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,1,2,2-Tetrachloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,1,2-Trichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,1-Dichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,1-Dichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,2-Dichloroethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
1,2-Dichloropropane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
2-Butanone(MEK)	ND	(	39000)	[50]	ND	(	41000)	[50]	18.0	JB	(	30.0)	[1]	NA
2-Chloroethyl vinyl ether	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
2-Hexanone	ND	(	39000)	[50]	ND	(	41000)	[50]	ND		(	30.0)	[1]	NA
4-Methyl-2-pentanone(MIBK)	ND	(	39000)	[50]	ND	(	41000)	[50]	2.70	J	(	30.0)	[1]	NA
Acetone	ND	(130000)	[50]	27000	J	(140000)	[50]	92.0	J	(100)	[1]	NA
Benzene	68000	(	6000)	[50]	76000	(	7000)	[50]	0.800	J	(	5.00)	[1]	NA
Bromodichloromethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA
Bromomethane	ND	(	6000)	[50]	ND	(	7000)	[50]	ND		(	5.00)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	8 - 10		8 - 10		14 - 16		0 - 0.5	
	008		008		008		008	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8240 - Volatile Organics, cont. (ug/kg)								
Carbon disulfide	ND	(13000)	[50]	ND	(14000)	[50]	ND	(10.0)
Carbon tetrachloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chlorobenzene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloroform	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Chloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Dibromochloromethane	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Ethylbenzene	100000	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Methylene chloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Styrene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Tetrachloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Toluene	480000	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Tribromomethane(Bromoform)	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Trichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
Vinyl acetate	ND	(65000)	[50]	ND	(68000)	[50]	ND	(50.0)
Vinyl chloride	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
cis-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
m & p-Xylene	340000	(26000)	[50]	ND	(27000)	[50]	ND	(20.0)
o-Xylene	1100000	(13000)	[50]	ND	(14000)	[50]	ND	(10.0)
trans-1,2-Dichloroethene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)
trans-1,3-Dichloropropene	ND	(6000)	[50]	ND	(7000)	[50]	ND	(5.00)

SW8270 - Semivolatile Organics (mg/kg)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				Dilution Factor	Detection Limit	Factor	ND = Not Detected	NA = Not Applicable	R = Invalid Result, Refer to QC Report
	LOCATION ID		SAMPLE ID							
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)						
SW8270 - Semivolatile Organics, cont. (mg/kg)										
1,2,4-Trichlorobenzene	ND	(0.769)	[1]	ND	(0.685)	[1]	ND	(0.0649)	[1]	NA
1,2-Dichlorobenzene	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	(0.0701)	[1]	NA
1,3-Dichlorobenzene	ND	(0.937)	[1]	ND	(0.836)	[1]	ND	(0.0791)	[1]	NA
1,4-Dichlorobenzene	ND	(0.769)	[1]	ND	(0.685)	[1]	ND	(0.0649)	[1]	NA
2,4,5-Trichloropheno	ND	(0.665)	[1]	ND	(0.593)	[1]	ND	(0.0562)	[1]	NA
2,4,6-Trichloropheno	ND	(0.661)	[1]	ND	(0.590)	[1]	ND	(0.0559)	[1]	NA
2,4-Dichloropheno	ND	(0.744)	[1]	ND	(0.663)	[1]	ND	(0.0628)	[1]	NA
2,4-Dimethylpheno	ND	(1.70)	[1]	ND	(1.52)	[1]	ND	(0.143)	[1]	NA
2,4-Dinitrophenol	ND	(5.46)	[1]	ND	(4.87)	[1]	ND	(0.461)	[1]	NA
2,4-Dinitrotoluene	ND	(0.773)	[1]	ND	(0.689)	[1]	ND	(0.0652)	[1]	NA
2,6-Dinitrotoluene	ND	(1.13)	[1]	ND	(1.00)	[1]	ND	(0.0950)	[1]	NA
2-Chloronaphthalene	ND	(0.512)	[1]	ND	(0.457)	[1]	ND	(0.0433)	[1]	NA
2-Chloropheno	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	(0.0701)	[1]	NA
2-Methylnaphthalene	56.7	(0.476)	[1]	54.4	(0.424)	[1]	1.41	(0.0402)	[1]	NA
2-Methylpheno (o-cresol)	ND	(0.405)	[1]	ND	(0.361)	[1]	0.0822	(0.0342)	[1]	NA
2-Nitroaniline	ND	(0.867)	[1]	ND	(0.773)	[1]	ND	(0.0732)	[1]	NA
2-Nitrophenol	ND	(0.682)	[1]	ND	(0.608)	[1]	ND	(0.0576)	[1]	NA
3,3'-Dichlorobenzidine	ND	(0.435)	[1]	ND	(0.388)	[1]	ND	(0.0368)	[1]	NA
3-Nitroaniline	ND	(0.514)	[1]	ND	(0.458)	[1]	ND	(0.0434)	[1]	NA
4,6-Dinitro-2-methylpheno	ND	(0.562)	[1]	ND	(0.501)	[1]	ND	(0.0475)	[1]	NA
4-Bromophenyl phenyl ether	ND	(0.633)	[1]	ND	(0.564)	[1]	ND	(0.0534)	[1]	NA
4-Chloro-3-methylpheno	ND	(0.673)	[1]	ND	(0.600)	[1]	ND	(0.0568)	[1]	NA
4-Chloroaniline	5.06	(0.974)	[1]	5.04	(0.868)	[1]	0.128	(0.0822)	[1]	NA
4-Chlorophenyl phenyl ether	ND	(0.550)	[1]	ND	(0.491)	[1]	ND	(0.0465)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	008		008		008		008		008		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
	06-SB-03	06-SB-03-03	06-SB-03	06-SB-03-03	06-SB-03	06-SB-03-03	06-SB-03	06-SB-03-03	06-SB-03	06-SB-03-03	
	06-SB-03-03	06-SB-03-03 Dup of	06-SB-03-DS-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	06-SB-03-03	
	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	8 - 10	14 - 16	14 - 16	0 - 0.5	
SW8270 - Semivolatile Organics, cont. (mg/kg)											
4-Methylphenol(p-cresol)	ND	(0.600)	[1]	ND	(0.535)	[1]	0.170	F	(0.0507)	[1]	NA
4-Nitroaniline	ND	(0.792)	[1]	ND	(0.706)	[1]	ND		(0.0669)	[1]	NA
4-Nitrophenol	ND	(1.22)	[1]	ND	(1.09)	[1]	ND		(0.103)	[1]	NA
Acenaphthene	ND	(0.356)	[1]	ND	(0.317)	[1]	ND		(0.0300)	[1]	NA
Acenaphthylene	ND	(0.546)	[1]	ND	(0.487)	[1]	ND		(0.0461)	[1]	NA
Anthracene	ND	(0.481)	[1]	ND	(0.429)	[1]	ND		(0.0406)	[1]	NA
Benzo(a)anthracene	ND	(0.587)	[1]	ND	(0.523)	[1]	ND		(0.0496)	[1]	NA
Benzo(a)pyrene	ND	(0.677)	[1]	ND	(0.604)	[1]	ND		(0.0572)	[1]	NA
Benzo(b)fluoranthene	ND	(1.19)	[1]	ND	(1.06)	[1]	ND		(0.100)	[1]	NA
Benzo(g,h,i)perylene	ND	(1.33)	[1]	ND	(1.19)	[1]	ND		(0.113)	[1]	NA
Benzo(k)fluoranthene	ND	(1.31)	[1]	ND	(1.16)	[1]	ND		(0.110)	[1]	NA
Benzoic acid	ND	(50.5)	[1]	ND	(45.0)	[1]	ND		(4.26)	[1]	NA
Benzyl alcohol	ND	(0.797)	[1]	ND	(0.711)	[1]	ND		(0.0673)	[1]	NA
Butylbenzylphthalate	ND	(0.817)	[1]	ND	(0.729)	[1]	ND		(0.0690)	[1]	NA
Chrysene	ND	(0.702)	[1]	ND	(0.626)	[1]	ND		(0.0593)	[1]	NA
Di-n-butylphthalate	ND	(0.424)	[1]	ND	(0.378)	[1]	ND		(0.0358)	[1]	NA
Di-n-octylphthalate	ND	(0.460)	[1]	ND	(0.410)	[1]	ND		(0.0389)	[1]	NA
Dibenz(a,h)anthracene	ND	(1.06)	[1]	ND	(0.945)	[1]	ND		(0.0895)	[1]	NA
Dibenzofuran	1.41	(0.702)	[1]	1.05	(0.626)	[1]	0.0482	J	(0.0593)	[1]	NA
Diethylphthalate	ND	(0.673)	[1]	ND	(0.600)	[1]	ND		(0.0568)	[1]	NA
Dimethylphthalate	ND	(0.439)	[1]	ND	(0.392)	[1]	ND		(0.0371)	[1]	NA
Diphenylamine/N-NitrosodPA	ND	(0.352)	[1]	ND	(0.314)	[1]	ND		(0.0297)	[1]	NA
Fluoranthene	ND	(0.616)	[1]	ND	(0.549)	[1]	ND		(0.0520)	[1]	NA
Fluorene	1.37	(0.497)	[1]	1.22	(0.443)	[1]	0.0400	J	(0.0419)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)					
	LOCATION ID		SAMPLE ID							
	06-SB-03	06-SB-03	06-SB-03	06-SB-03						
SW8270 - Semivolatile Organics, cont. (mg/kg)	008	008	008	008	06-SS-07	06-SS-07-01	0 - 0.5			
Hexachlorobenzene	ND	(0.410)	[1]	ND	(0.366)	[1]	ND	(0.0347)	[1]	NA
Hexachlorobutadiene	ND	(0.669)	[1]	ND	(0.597)	[1]	ND	(0.0565)	[1]	NA
Hexachlorocyclopentadiene	ND	(7.70)	[1]	ND	(6.87)	[1]	ND	(0.650)	[1]	NA
Hexachloroethane	ND	(0.830)	[1]	ND	(0.740)	[1]	ND	(0.0701)	[1]	NA
Indeno(1,2,3-cd)pyrene	ND	(1.74)	[1]	ND	(1.55)	[1]	ND	(0.147)	[1]	NA
Isophorone	ND	(0.805)	[1]	ND	(0.718)	[1]	ND	(0.0680)	[1]	NA
N-Nitroso-di-n-propylamine	ND	(0.855)	[1]	ND	(0.762)	[1]	ND	(0.0722)	[1]	NA
Naphthalene	22.0	(0.625)	[1]	23.1	(0.557)	[1]	0.538	(0.0528)	[1]	NA
Nitrobenzene	ND	(1.10)	[1]	ND	(0.981)	[1]	ND	(0.0929)	[1]	NA
Pentachloropheno1	ND	(1.16)	[1]	ND	(1.04)	[1]	ND	(0.0981)	[1]	NA
Phenanthrene	0.736	(0.612)	[1]	0.716	(0.546)	[1]	ND	(0.0517)	[1]	NA
Phenol	ND	(1.15)	[1]	ND	(1.03)	[1]	ND	(0.0975)	[1]	NA
Pyrene	ND	(0.533)	[1]	ND	(0.476)	[1]	ND	(0.0450)	[1]	NA
bis(2-Chloroethoxy)methane	ND	(0.792)	[1]	ND	(0.706)	[1]	ND	(0.0669)	[1]	NA
bis(2-Chloroethyl)ether	ND	(0.501)	[1]	ND	(0.446)	[1]	ND	(0.0423)	[1]	NA
bis(2-Chloroisopropyl)ether	ND	(1.04)	[1]	ND	(0.930)	[1]	ND	(0.0881)	[1]	NA
bis(2-Ethylhexyl)phthalate	3.62	(0.759)	[1]	2.58	(0.677)	[1]	0.164	(0.0641)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

		SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
PARAMETER		008	008	008	008	06-SS-08	06-SS-09	06-SS-10	06-SS-11
		06-SS-08-01	06-SS-09-01	06-SS-10-01	06-SS-11-01	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
		7.42	4.92	9.96	11.9	((((
		(	(	(	(	0.00)	0.00)	0.00)	0.00)
		[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Percent Solid (percent)									
Percent moisture									

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	DILUTION FACTOR	DETECTION LIMIT	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	QC REPORT
	LOCATION ID	SAMPLE ID							
Percent Solid (percent)	008	008	0 - 0.5	[1]	(0.00)	(0.00)	(0.00)	(0.00)	[1]
	06-SS-11	06-SS-12	06-SS-13	[1]	(0.00)	(0.00)	(0.00)	(0.00)	[1]
Percent moisture	06-SS-11-DS-01 Dup of	06-SS-12-01	06-SS-13-01	[1]	(0.00)	(0.00)	(0.00)	(0.00)	[1]
	06-SS-11-01	06-SS-12-01	06-SS-13-01	[1]	(0.00)	(0.00)	(0.00)	(0.00)	[1]
	0 - 0.5	0 - 0.5	0 - 0.5						

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
Diesel Range Organics (mg/kg)	5.00 JB (20.0)	[1]	0.00 JB (20.0)	[1]
Diesel Range Organics			19.0 JB (20.0)	[1]
Gasoline Range Organics (mg/kg)	0.00 JB (10.0)	[1]	0.00 JB (10.0)	[1]
Gasoline Range Organics			0.00 JB (10.0)	[1]
Percent Solid (percent)	11.8 (0.00)	[1]	NA	
Percent moisture			32.6 (0.00)	[1]
SW8240 - Volatile Organics (ug/kg)				
1,1,1-Trichloroethane	ND (2.39)	[1]	ND (3.07)	[1]
1,1,2,2-Tetrachloroethane	ND (5.11)	[1]	ND (6.57)	[1]
1,1,2-Trichloroethane	ND (1.12)	[1]	ND (1.44)	[1]
1,1-Dichloroethane	ND (2.60)	[1]	ND (3.35)	[1]
1,1-Dichloroethene	ND (2.72)	[1]	ND (3.49)	[1]
1,2-Dichloroethane	ND (1.46)	[1]	ND (1.88)	[1]
1,2-Dichloropropane	ND (1.19)	[1]	ND (1.53)	[1]
2-Butanone(MEK)	5.57 JB (8.06)	[1]	10.7 B (10.4)	[1]
2-Chloroethyl vinyl ether	ND (2.60)	[1]	ND (3.35)	[1]
2-Hexanone	ND (6.45)	[1]	ND (8.29)	[1]
4-Methyl-2-pentanone(MIBK)	ND (2.87)	[1]	ND (3.69)	[1]
Acetone	3.12 JB (16.7)	[1]	9.46 JB (21.5)	[1]
Benzene	ND (1.14)	[1]	ND (1.47)	[1]
Bromodichloromethane	ND (1.31)	[1]	ND (1.69)	[1]
Bromomethane	ND (2.70)	[1]	ND (3.48)	[1]
Carbon disulfide	ND (3.03)	[1]	ND (3.90)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

PARAMETER	3		3		3	
	07-HA-01 07-HA-01-01 0 - 1	07-HA-02 07-HA-02-01 4 - 5	07-HA-03 07-HA-03-01 8 - 9	07-HA-04 07-HA-04-02 0 - 1	07-HA-04 07-HA-04-01 0 - 1	07-HA-04 07-HA-04-02 0 - 1
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon tetrachloride	ND	NA	ND	ND	ND	ND
Chlorobenzene	(1.56)	NA	(2.01)	(1.61)	(1.57)	(1.26)
Chloroethane	(2.15)	NA	(2.76)	(2.76)	(2.16)	(1.80)
Chloroform	(1.79)	NA	(2.30)	(7.88)	(6.16)	(1.44)
Chloromethane	(6.13)	NA	(1.85)	(1.41)	(1.10)	(2.39)
Dibromochloromethane	(1.44)	NA	(3.05)	(2.63)	(2.06)	(1.72)
Ethylbenzene	(1.10)	NA	(2.20)	(2.91)	(2.27)	(1.72)
Methylene chloride	(2.38)	NA	(4.67)	(13.9)	(3.65)	(10.9)
Styrene	(2.05)	NA	(3.65)	(6.55)	(2.85)	(5.12)
Tetrachloroethene	(1.71)	NA	(1.75)	(2.82)	(1.36)	(2.21)
Toluene	(2.26)	NA	(1.88)	(1.88)	(1.47)	(1.47)
Tribromomethane(Bromoform)	(1.71)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0242)
Trichloroethene	(3.63)	NA	(0.0940)	(0.106)	(0.0273)	(0.0224)
Vinyl acetate	(10.8)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
Vinyl chloride	(2.84)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
Xylene (total)	(5.09)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
cis-1,3-Dichloropropene	(1.36)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
trans-1,2-Dichloroethene	(2.20)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
trans-1,3-Dichloropropene	(1.46)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND	NA	ND	ND	ND	ND
1,2-Dichlorobenzene	(0.0222)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0242)
1,3-Dichlorobenzene	(0.0240)	NA	(0.0940)	(0.106)	(0.0273)	(0.0224)
1,4-Dichlorobenzene	(0.0271)	NA	(0.106)	(0.0871)	(0.0224)	(0.0224)
1,4-Dichlorobenzene	(0.0222)	NA	(0.0871)	(0.0871)	(0.0224)	(0.0224)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	3 07-HA-01 07-HA-01-01 0 - 1	3 07-HA-02 07-HA-02-01 4 - 5	3 07-HA-03 07-HA-03-01 8 - 9	3 07-HA-04 07-HA-04-02 0 - 1
SW8270 - Semivolatile Organics, cont. (mg/kg)				
2,4,5-Trichloropheno	ND (0.0192) [1]	NA	ND (0.0754) [1]	ND (0.0194) [1]
2,4,6-Trichloropheno	ND (0.0191) [1]	NA	ND (0.0749) [1]	ND (0.0193) [1]
2,4-Dichloropheno	ND (0.0215) [1]	NA	ND (0.0843) [1]	ND (0.0216) [1]
2,4-Dimethylpheno	ND (0.0491) [1]	NA	ND (0.192) [1]	ND (0.0495) [1]
2,4-Dinitrophenol	ND (0.158) [1]	NA	ND (0.619) [1]	ND (0.159) [1]
2,4-Dinitrotoluene	ND (0.0223) [1]	NA	ND (0.0875) [1]	ND (0.0225) [1]
2,6-Dinitrotoluene	ND (0.0325) [1]	NA	ND (0.127) [1]	ND (0.0328) [1]
2-Chloronaphthalene	ND (0.0148) [1]	NA	ND (0.0580) [1]	ND (0.0149) [1]
2-Chloropheno	ND (0.0240) [1]	NA	ND (0.0940) [1]	ND (0.0242) [1]
2-Methylnaphthalene	ND (0.0138) [1]	NA	ND (0.0539) [1]	ND (0.0138) [1]
2-Methylpheno (o-cresol)	ND (0.0117) [1]	NA	ND (0.0459) [1]	ND (0.0118) [1]
2-Nitroaniline	ND (0.0251) [1]	NA	ND (0.0982) [1]	ND (0.0252) [1]
2-Nitrophenol	ND (0.0197) [1]	NA	ND (0.0773) [1]	ND (0.0199) [1]
3,3'-Dichlorobenzidine	ND (0.0126) [1]	NA	ND (0.0493) [1]	ND (0.0127) [1]
3-Nitroaniline	ND (0.0149) [1]	NA	ND (0.0582) [1]	ND (0.0150) [1]
4,6-Dinitro-2-methylpheno	ND (0.0162) [1]	NA	ND (0.0637) [1]	ND (0.0164) [1]
4-Bromophenyl phenyl ether	ND (0.0183) [1]	NA	ND (0.0717) [1]	ND (0.0184) [1]
4-Chloro-3-methylpheno	ND (0.0195) [1]	NA	ND (0.0763) [1]	ND (0.0196) [1]
4-Chloroaniline	ND (0.0282) [1]	NA	ND (0.110) [1]	ND (0.0283) [1]
4-Chlorophenyl phenyl ether	ND (0.0159) [1]	NA	ND (0.0623) [1]	ND (0.0160) [1]
4-Methylpheno(p-cresol)	ND (0.0173) [1]	NA	ND (0.0680) [1]	ND (0.0175) [1]
4-Nitroaniline	ND (0.0229) [1]	NA	ND (0.0897) [1]	ND (0.0231) [1]
4-Nitrophenol	ND (0.0354) [1]	NA	ND (0.139) [1]	ND (0.0357) [1]
Acenaphthene	0.0181 (0.0103) [1]	NA	ND (0.0403) [1]	ND (0.0103) [1]
Acenaphthylene	ND (0.0158) [1]	NA	ND (0.0619) [1]	ND (0.0159) [1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW8270 - Semivolatile Organics, cont. (mg/kg)	3	3	3	3
Anthracene	07-HA-01	07-HA-02	07-HA-03	07-HA-04
Benzo(a)anthracene	0 - 1	4 - 5	8 - 9	0 - 1
Benzo(a)pyrene	0.0518 (0.0139) [1]	NA	ND (0.0545) [1]	ND (0.0140) [1]
Benzo(b)fluoranthene	0.499 (0.0170) [1]	NA	0.130 (0.0665) [1]	0.0178 (0.0171) [1]
Benzo(g,h,i)perylene	0.519 (0.0196) [1]	NA	0.103 (0.0767) [1]	0.0158 J (0.0197) [1]
Benzo(k)fluoranthene	0.956 F (0.0343) [1]	NA	0.207 F (0.134) [1]	0.0468 F (0.0345) [1]
Benzoic acid	0.317 (0.0385) [1]	NA	ND (0.151) [1]	0.0130 J (0.0388) [1]
Benzyl alcohol	0.956 F (0.0378) [1]	NA	0.207 F (0.148) [1]	0.0468 F (0.0380) [1]
Butylbenzylphthalate	ND (1.46) [1]	NA	ND (5.72) [1]	ND (1.47) [1]
Chrysene	ND (0.0231) [1]	NA	ND (0.0903) [1]	ND (0.0232) [1]
Di-n-butylphthalate	ND (0.0236) [1]	NA	ND (0.0925) [1]	ND (0.0238) [1]
Di-n-octylphthalate	0.572 (0.0203) [1]	NA	0.154 (0.0795) [1]	0.0315 (0.0204) [1]
Dibenz(a,h)anthracene	ND (0.0122) [1]	NA	ND (0.0480) [1]	ND (0.0123) [1]
Dibenzofuran	ND (0.0133) [1]	NA	ND (0.0521) [1]	ND (0.0134) [1]
Diethylphthalate	0.0896 (0.0306) [1]	NA	ND (0.120) [1]	ND (0.0309) [1]
Dimethylphthalate	ND (0.0203) [1]	NA	ND (0.0795) [1]	ND (0.0204) [1]
Diphenylamine/N-NitrosodPA	ND (0.0195) [1]	NA	ND (0.0763) [1]	ND (0.0196) [1]
Fluorene	ND (0.0127) [1]	NA	ND (0.0498) [1]	ND (0.0128) [1]
Hexachlorobenzene	ND (0.0102) [1]	NA	ND (0.0398) [1]	ND (0.0102) [1]
Hexachlorobutadiene	0.624 (0.0178) [1]	NA	0.169 (0.0697) [1]	0.0559 (0.0179) [1]
Hexachlorocyclopentadiene	ND (0.0144) [1]	NA	ND (0.0563) [1]	ND (0.0145) [1]
Hexachloroethane	ND (0.0119) [1]	NA	ND (0.0465) [1]	ND (0.0119) [1]
Indeno(1,2,3-cd)pyrene	ND (0.0193) [1]	NA	ND (0.0758) [1]	ND (0.0195) [1]
Isophorone	ND (0.223) [1]	NA	ND (0.872) [1]	ND (0.224) [1]
	ND (0.0240) [1]	NA	ND (0.0940) [1]	ND (0.0242) [1]
	0.294 (0.0503) [1]	NA	ND (0.197) [1]	0.00940 J (0.0506) [1]
	ND (0.0233) [1]	NA	ND (0.0912) [1]	ND (0.0234) [1]

Compiled: 17 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	
	3 07-HA-01 07-HA-01-01 0 - 1	3 07-HA-02 07-HA-02-01 4 - 5	3 07-HA-03 07-HA-03-01 8 - 9	3 07-HA-04 07-HA-04-02 0 - 1
SW8270 - Semivolatile Organics, cont. (mg/kg)				
N-Nitroso-di-n-propylamine	ND (0.0247) [1]	NA	ND (0.0968) [1]	ND (0.0249) [1]
Naphthalene	ND (0.0181) [1]	NA	ND (0.0708) [1]	ND (0.0182) [1]
Nitrobenzene	ND (0.0318) [1]	NA	ND (0.125) [1]	ND (0.0320) [1]
Pentachloropheno1	ND (0.0336) [1]	NA	ND (0.132) [1]	ND (0.0338) [1]
Phenanthrene	0.126 (0.0177) [1]	NA	ND (0.0693) [1]	0.0453 (0.0178) [1]
Phenol	ND (0.0334) [1]	NA	ND (0.131) [1]	ND (0.0336) [1]
Pyrene	1.01 (0.0154) [1]	NA	0.264 (0.0604) [1]	0.0635 (0.0155) [1]
bis(2-Chloroethoxy)methane	ND (0.0229) [1]	NA	ND (0.0897) [1]	ND (0.0231) [1]
bis(2-Chloroethyl)ether	ND (0.0145) [1]	NA	ND (0.0567) [1]	ND (0.0146) [1]
bis(2-Chloroisopropyl)ether	ND (0.0302) [1]	NA	ND (0.118) [1]	ND (0.0304) [1]
bis(2-Ethylhexyl)phthalate	ND (0.0220) [1]	NA	ND (0.0860) [1]	ND (0.0221) [1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A9-45

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																	
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)									
	3	3	3	3	3	3	3	3	3	3								
Diesel Range Organics (mg/kg)	5600	(	20.0)	[1]	3600	(	20.0)	[1]	2600	(	20.0)	[1]	4.00	JB	(	20.0)	[1]
Diesel Range Organics	610	(	100)	[1]	770	(	10.0)	[1]	940	(	10.0)	[1]	0.00	JB	(	10.0)	[1]
Gasoline Range Organics (mg/kg)	18.8	(	0.00)	[1]	20.0	(	0.00)	[1]	18.8	(	0.00)	[1]	14.5	(	0.00)	[1]	[1]
Gasoline Range Organics	ND	(	11.8)	[1]	ND	(	12.0)	[1]	ND	(	17.4)	[50]	ND	(	2.50)	[1]	[1]
Percent Solid (percent)	ND	(	25.3)	[1]	ND	(	25.7)	[1]	ND	(	101)	[50]	ND	(	5.35)	[1]	[1]
Percent moisture	ND	(	5.54)	[1]	ND	(	5.62)	[1]	ND	(	56.4)	[50]	ND	(	1.17)	[1]	[1]
SW8240 - Volatile Organics (ug/kg)	ND	(	12.9)	[1]	ND	(	13.1)	[1]	ND	(	99.2)	[50]	ND	(	2.72)	[1]	[1]
1,1,1-Trichloroethane	ND	(	13.4)	[1]	ND	(	13.6)	[1]	ND	(	126)	[50]	ND	(	2.84)	[1]	[1]
1,1,2,2-Tetrachloroethane	ND	(	7.21)	[1]	ND	(	7.32)	[1]	ND	(	64.7)	[50]	ND	(	1.53)	[1]	[1]
1,1,2-Trichloroethane	ND	(	5.87)	[1]	ND	(	5.96)	[1]	ND	(	36.4)	[50]	ND	(	1.24)	[1]	[1]
1,1-Dichloroethane	ND	(39.8)	[1]	ND	(40.4)	[1]	214	JB	(382)	[50]	ND	(8.43)	[1]	[1]
1,2-Dichloroethane	25.1	JB	(12.9)	[1]	ND	(13.1)	[1]	ND	(465)	[50]	ND	(2.72)	[1]	[1]
2-Butanone(MEK)	ND	(	31.9)	[1]	ND	(	32.4)	[1]	ND	(	249)	[50]	ND	(	6.75)	[1]	[1]
2-Chloroethyl vinyl ether	ND	(	14.2)	[1]	ND	(	14.4)	[1]	ND	(	177)	[50]	ND	(	3.01)	[1]	[1]
2-Hexanone	ND	(	82.8)	[1]	ND	(	84.0)	[1]	ND	(	3820)	[50]	ND	(	17.5)	[1]	[1]
4-Methyl-2-pentanone(MIBK)	ND	(	5.65)	[1]	ND	(	5.73)	[1]	ND	(	51.3)	[50]	ND	(	1.20)	[1]	[1]
Acetone	ND	(	6.49)	[1]	ND	(	6.58)	[1]	ND	(	43.7)	[50]	ND	(	1.37)	[1]	[1]
Benzene	ND	(	13.4)	[1]	ND	(	13.6)	[1]	ND	(	307)	[50]	ND	(	2.83)	[1]	[1]
Bromodichloromethane																		
Bromomethane																		

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	3		3		3	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	3 07-HA-05 07-HA-05-02	3 07-HA-05 07-HA-05-02 Dup of 07-HA-05-02	3 07-HA-06 07-HA-06-02	3 07-HA-07 07-HA-07-03	0 - 1
	4 - 5	4 - 5	4 - 5	6 - 7	0 - 1	
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon disulfide	ND (15.0) [1]	ND (15.2) [1]	ND (15.2) [1]	ND (105) [50]	ND (3.17) [1]	
Carbon tetrachloride	ND (7.72) [1]	ND (7.83) [1]	ND (7.83) [1]	ND (73.8) [50]	ND (1.63) [1]	
Chlorobenzene	ND (6.21) [1]	ND (6.30) [1]	ND (6.30) [1]	ND (72.6) [50]	ND (1.31) [1]	
Chloroethane	ND (10.6) [1]	ND (10.8) [1]	ND (10.8) [1]	ND (85.3) [50]	ND (2.25) [1]	
Chloroform	ND (8.84) [1]	ND (8.97) [1]	ND (8.97) [1]	ND (60.2) [50]	ND (1.87) [1]	
Chloromethane	ND (30.3) [1]	ND (30.8) [1]	ND (30.8) [1]	ND (118) [50]	ND (6.42) [1]	
Dibromochloromethane	ND (7.10) [1]	ND (7.21) [1]	ND (7.21) [1]	ND (56.5) [50]	ND (1.50) [1]	
Ethylbenzene	ND (5.42) [1]	ND (5.51) [1]	ND (5.51) [1]	ND (54.0) [50]	ND (1.15) [1]	
Methylene chloride	10.8 JB (11.7) [1]	ND (11.9) [1]	ND (11.9) [1]	ND (111) [50]	5.04 B (2.49) [1]	
Styrene	ND (10.1) [1]	ND (10.3) [1]	ND (10.3) [1]	ND (82.3) [50]	ND (2.14) [1]	
Tetrachloroethene	ND (8.45) [1]	ND (8.57) [1]	ND (8.57) [1]	ND (51.0) [50]	ND (1.79) [1]	
Toluene	ND (11.2) [1]	ND (11.4) [1]	ND (11.4) [1]	ND (59.2) [50]	ND (2.37) [1]	
Tribromomethane(Bromoform)	ND (8.45) [1]	ND (8.57) [1]	ND (8.57) [1]	ND (125) [50]	ND (1.79) [1]	
Trichloroethene	ND (18.0) [1]	ND (18.2) [1]	ND (18.2) [1]	ND (78.6) [50]	ND (3.80) [1]	
Vinyl acetate	ND (53.5) [1]	ND (54.3) [1]	ND (54.3) [1]	ND (243) [50]	ND (11.3) [1]	
Vinyl chloride	ND (14.0) [1]	ND (14.2) [1]	ND (14.2) [1]	ND (101) [50]	ND (2.97) [1]	
Xylene (total)	470 X (25.2) [1]	ND (25.5) [1]	ND (25.5) [1]	ND (125) [50]	ND (5.33) [1]	
cis-1,3-Dichloropropene	ND (6.71) [1]	ND (6.81) [1]	ND (6.81) [1]	ND (27.8) [50]	ND (1.42) [1]	
trans-1,2-Dichloroethene	ND (10.8) [1]	ND (11.0) [1]	ND (11.0) [1]	ND (67.7) [50]	ND (2.30) [1]	
trans-1,3-Dichloropropene	ND X (7.21) [1]	ND X (7.32) [1]	ND X (7.32) [1]	ND (81.7) [50]	ND (1.53) [1]	
SW8270 - Semivolatile Organics (mg/kg)						
1,2,4-Trichlorobenzene	ND (0.683) [1]	ND (0.728) [1]	ND (0.728) [1]	ND (0.652) [1]	ND (0.625) [1]	
1,2-Dichlorobenzene	ND (0.738) [1]	ND (0.786) [1]	ND (0.786) [1]	ND (0.705) [1]	ND (0.675) [1]	

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)						
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID							
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID							
	3	3	3	3							
	07-HA-05	07-HA-05	07-HA-06	07-HA-07							
	07-HA-05-02	07-HA-05-02 Dup of	07-HA-06-02	07-HA-07-03							
	4 - 5	4 - 5	6 - 7	0 - 1							
	4 - 5	4 - 5	6 - 7	0 - 1							
SW8270 - Semivolatile Organics, cont. (mg/kg)											
1,3-Dichlorobenzene	ND	(0.833)	[1]	(0.887)	[1]	ND	(0.795)	[1]	ND	(0.762)	[1]
1,4-Dichlorobenzene	ND	(0.683)	[1]	(0.728)	[1]	ND	(0.652)	[1]	ND	(0.625)	[1]
2,4,5-Trichloropheno	ND	(0.591)	[1]	(0.630)	[1]	ND	(0.565)	[1]	ND	(0.541)	[1]
2,4,6-Trichloropheno	ND	(0.588)	[1]	(0.626)	[1]	ND	(0.561)	[1]	ND	(0.538)	[1]
2,4-Dichloropheno	ND	(0.661)	[1]	(0.704)	[1]	ND	(0.631)	[1]	ND	(0.605)	[1]
2,4-Dimethylpheno	ND	(1.51)	[1]	(1.61)	[1]	ND	(1.44)	[1]	ND	(1.38)	[1]
2,4-Dinitrophenol	ND	(4.86)	[1]	(5.17)	[1]	ND	(4.64)	[1]	ND	(4.44)	[1]
2,4-Dinitrotoluene	ND	(0.687)	[1]	(0.731)	[1]	ND	(0.656)	[1]	ND	(0.628)	[1]
2,6-Dinitrotoluene	ND	(1.00)	[1]	(1.07)	[1]	ND	(0.955)	[1]	ND	(0.915)	[1]
2-Chloronaphthalene	ND	(0.455)	[1]	(0.485)	[1]	ND	(0.435)	[1]	ND	(0.417)	[1]
2-Chloropheno	ND	(0.738)	[1]	(0.786)	[1]	ND	(0.705)	[1]	ND	(0.675)	[1]
2-Methylnaphthalene	39.2	(0.423)	[1]	(0.450)	[1]	57.9	(0.404)	[1]	ND	(0.387)	[1]
2-Methylpheno (o-cresol)	ND	(0.360)	[1]	(0.384)	[1]	ND	(0.344)	[1]	ND	(0.330)	[1]
2-Nitroaniline	ND	(0.770)	[1]	(0.821)	[1]	ND	(0.736)	[1]	ND	(0.705)	[1]
2-Nitrophenol	ND	(0.606)	[1]	(0.646)	[1]	ND	(0.579)	[1]	ND	(0.555)	[1]
3,3'-Dichlorobenzidine	ND	(0.387)	[1]	(0.412)	[1]	ND	(0.369)	[1]	ND	(0.354)	[1]
3-Nitroaniline	ND	(0.457)	[1]	(0.486)	[1]	ND	(0.436)	[1]	ND	(0.418)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.500)	[1]	(0.532)	[1]	ND	(0.477)	[1]	ND	(0.457)	[1]
4-Bromophenyl phenyl ether	ND	(0.562)	[1]	(0.599)	[1]	ND	(0.537)	[1]	ND	(0.515)	[1]
4-Chloro-3-methylpheno	ND	(0.598)	[1]	(0.637)	[1]	ND	(0.571)	[1]	ND	(0.548)	[1]
4-Chloroaniline	ND	(0.866)	[1]	(0.922)	[1]	ND	(0.827)	[1]	ND	(0.792)	[1]
4-Chlorophenyl phenyl ether	ND	(0.489)	[1]	(0.521)	[1]	ND	(0.467)	[1]	ND	(0.448)	[1]
4-Methylpheno(p-cresol)	ND	(0.533)	[1]	(0.568)	[1]	ND	(0.509)	[1]	ND	(0.488)	[1]
4-Nitroaniline	ND	(0.704)	[1]	(0.750)	[1]	ND	(0.672)	[1]	ND	(0.644)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)				
	3	3	3	3	3	3	3	3	3	3			
SW8270 - Semivolatile Organics, cont. (mg/kg)	07-HA-05	07-HA-05	07-HA-05-DS-02 Dup of	07-HA-06	07-HA-06-02	07-HA-07	07-HA-07-03	07-HA-05-02	07-HA-05-02	07-HA-06-02	07-HA-07-03	07-HA-07-03	07-HA-07-03
	4 - 5	4 - 5	4 - 5	4 - 5	6 - 7	0 - 1	0 - 1	4 - 5	4 - 5	6 - 7	0 - 1	0 - 1	0 - 1
4-Nitrophenol	ND	(1.09)	(1.16)	(1.16)	ND	ND	(1.04)	(1.16)	(1.16)	(1.04)	ND	ND	(0.996)
Acenaphthene	0.832	(0.316)	(0.337)	(0.337)	ND	1.59	(0.302)	(0.337)	(0.337)	(0.302)	ND	ND	(0.289)
Acenaphthylene	ND	(0.486)	(0.517)	(0.517)	ND	ND	(0.464)	(0.517)	(0.517)	(0.464)	ND	ND	(0.444)
Anthracene	ND	(0.428)	(0.455)	(0.455)	ND	ND	(0.408)	(0.455)	(0.455)	(0.408)	ND	ND	(0.391)
Benzo(a)anthracene	ND	(0.522)	(0.556)	(0.556)	ND	ND	(0.498)	(0.556)	(0.556)	(0.498)	ND	ND	(0.477)
Benzo(a)pyrene	ND	(0.602)	(0.641)	(0.641)	ND	ND	(0.575)	(0.641)	(0.641)	(0.575)	ND	ND	(0.551)
Benzo(b)fluoranthene	ND	(1.05)	(1.12)	(1.12)	ND	ND	(1.01)	(1.12)	(1.12)	(1.01)	ND	ND	(0.965)
Benzo(g,h,i)perylene	ND	(1.19)	(1.26)	(1.26)	ND	ND	(1.13)	(1.26)	(1.26)	(1.13)	ND	ND	(1.08)
Benzo(k)fluoranthene	ND	(1.16)	(1.24)	(1.24)	ND	ND	(1.11)	(1.24)	(1.24)	(1.11)	ND	ND	(1.06)
Benzoic acid	ND	(44.8)	(47.8)	(47.8)	ND	ND	(42.8)	(47.8)	(47.8)	(42.8)	ND	ND	(41.0)
Benzyl alcohol	ND	(0.709)	(0.755)	(0.755)	ND	ND	(0.677)	(0.755)	(0.755)	(0.677)	ND	ND	(0.649)
Butylbenzylphthalate	ND	(0.726)	(0.774)	(0.774)	ND	ND	(0.693)	(0.774)	(0.774)	(0.693)	ND	ND	(0.665)
Chrysene	ND	(0.624)	(0.665)	(0.665)	ND	ND	(0.596)	(0.665)	(0.665)	(0.596)	ND	ND	(0.571)
Di-n-butylphthalate	ND	(0.376)	(0.401)	(0.401)	ND	ND	(0.359)	(0.401)	(0.401)	(0.359)	ND	ND	(0.344)
Di-n-octylphthalate	ND	(0.409)	(0.436)	(0.436)	ND	ND	(0.391)	(0.436)	(0.436)	(0.391)	ND	ND	(0.374)
Dibenz(a,h)anthracene	ND	(0.942)	(1.00)	(1.00)	ND	ND	(0.900)	(1.00)	(1.00)	(0.900)	ND	ND	(0.862)
Dibenzofuran	0.896	(0.624)	(0.665)	(0.665)	ND	0.797	(0.596)	(0.665)	(0.665)	(0.596)	ND	ND	(0.571)
Diethylphthalate	ND	(0.598)	(0.637)	(0.637)	ND	ND	(0.571)	(0.637)	(0.637)	(0.571)	ND	ND	(0.548)
Dimethylphthalate	ND	(0.390)	(0.416)	(0.416)	ND	ND	(0.373)	(0.416)	(0.416)	(0.373)	ND	ND	(0.357)
Diphenylamine/N-NitrosodPA	ND	(0.313)	(0.333)	(0.333)	ND	ND	(0.298)	(0.333)	(0.333)	(0.298)	ND	ND	(0.286)
Fluoranthene	ND	(0.547)	(0.583)	(0.583)	ND	ND	(0.523)	(0.583)	(0.583)	(0.523)	ND	ND	(0.501)
Fluorene	1.41	(0.441)	(0.470)	(0.470)	1.40	1.38	(0.422)	(0.470)	(0.470)	(0.422)	ND	ND	(0.404)
Hexachlorobenzene	ND	(0.365)	(0.389)	(0.389)	ND	ND	(0.348)	(0.389)	(0.389)	(0.348)	ND	ND	(0.334)
Hexachlorobutadiene	ND	(0.595)	(0.634)	(0.634)	ND	ND	(0.568)	(0.634)	(0.634)	(0.568)	ND	ND	(0.544)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	3	3	3	0 - 1
	4 - 5	4 - 5								07-HA-05	07-HA-06-02	07-HA-07
SW8270 - Semivolatile Organics, cont. (mg/kg)									
Hexachlorocyclopentadiene	ND	(6.84)	[1]	ND	(7.29)	[1]	ND	(6.53)	ND
Hexachloroethane	ND	(0.738)	[1]	ND	(0.786)	[1]	ND	(0.705)	ND
Indeno(1,2,3-cd)pyrene	ND	(1.55)	[1]	ND	(1.65)	[1]	ND	(1.48)	ND
Isophorone	ND	(0.716)	[1]	ND	(0.762)	[1]	ND	(0.683)	ND
N-Nitroso-di-n-propylamine	ND	(0.760)	[1]	ND	(0.809)	[1]	ND	(0.726)	ND
Naphthalene	12.9	(0.555)	[1]	12.5	(0.592)	[1]	18.1	(0.530)	ND
Nitrobenzene	ND	(0.978)	[1]	ND	(1.04)	[1]	ND	(0.934)	ND
Pentachloropheno1	ND	(1.03)	[1]	ND	(1.10)	[1]	ND	(0.986)	ND
Phenanthrene	0.367 J	(0.544)	[1]	0.379 J	(0.579)	[1]	0.507 J	(0.519)	ND
Phenol	ND	(1.03)	[1]	ND	(1.09)	[1]	ND	(0.980)	ND
Pyrene	ND	(0.474)	[1]	ND	(0.505)	[1]	ND	(0.453)	ND
bis(2-Chloroethoxy)methane	ND	(0.704)	[1]	ND	(0.750)	[1]	ND	(0.672)	ND
bis(2-Chloroethyl)ether	ND	(0.445)	[1]	ND	(0.474)	[1]	ND	(0.425)	ND
bis(2-Chloroisopropyl)ether	ND	(0.927)	[1]	ND	(0.988)	[1]	ND	(0.885)	ND
bis(2-Ethylhexyl)phthalate	ND	(0.675)	[1]	ND	(0.719)	[1]	ND	(0.645)	ND

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	DILUTION FACTOR	DETECTION LIMIT	NA = Not Detected	ND = Not Detected	MA = Not Applicable	R = Invalid Result, Refer to QC Report								
	3	3																	
	07-HA-08 4 - 5	07-HA-10 0.5 - 1																	
Diesel Range Organics (mg/kg)	3500	(	20.0)	[1]	13.0 JB	(	20.0)	[1]	17000	(	20.0)	[1]	1200	(	20.0)	[1]	07-HA-09 8 - 9	07-HA-10-01 0.5 - 1	07-HA-11-01 0.5 - 1
Diesel Range Organics	NA				5.00 J	(	10.0)	[1]	1300	(	10.0)	[1]	1500	(	10.0)	[1]			
Gasoline Range Organics (mg/kg)	NA				20.9	(	0.00)	[1]	29.0	(	0.00)	[1]	37.1	(	0.00)	[1]			
Gasoline Range Organics	NA																		
Percent Solid (percent)	NA																		
Percent moisture	NA																		
SW8240 - Volatile Organics (ug/kg)	NA																		
1,1,1-Trichloroethane	NA																		
1,1,2,2-Tetrachloroethane	NA																		
1,1,2-Trichloroethane	NA																		
1,1-Dichloroethane	NA																		
1,1-Dichloroethane	NA																		
1,2-Dichloroethane	NA																		
1,2-Dichloropropane	NA																		
2-Butanone(MEK)	NA																		
2-Chloroethyl vinyl ether	NA																		
2-Hexanone	NA																		
4-Methyl-2-pentanone(MIBK)	NA																		
Acetone	NA																		
Benzene	NA																		
Bromodichloromethane	NA																		
Bromomethane	NA																		
Carbon disulfide	NA																		

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
	3	3	3	3
	07-HA-08	07-HA-09	07-HA-10	07-HA-11
	07-HA-08-03	07-HA-09-03	07-HA-10-01	07-HA-11-01
	4 - 5	8 - 9	0.5 - 1	0.5 - 1
SW8240 - Volatile Organics, cont. (ug/kg)				
Carbon tetrachloride	NA	(8.00)	[1]	ND
Chlorobenzene	NA	(6.43)	[1]	ND X (10.4)
Chloroethane	NA	(11.0)	[1]	ND X (8.40)
Chloroform	NA	(9.15)	[1]	ND (14.4)
Chloromethane	NA	(31.4)	[1]	ND (12.0)
Dibromochloromethane	NA	(7.36)	[1]	ND (41.0)
Ethylbenzene	NA	(5.62)	[1]	ND X (9.61)
Methylene chloride	NA	(12.2)	[1]	1340 X (7.34)
Styrene	NA	(10.5)	[1]	20.6 B (15.9)
Tetrachloroethene	NA	(8.75)	[1]	ND X (13.7)
Toluene	NA	(11.6)	[1]	ND X (11.4)
Tribromomethane(Bromoform)	NA	(8.75)	[1]	77.7 (15.1)
Trichloroethene	NA	(18.6)	[1]	ND X (11.4)
Vinyl acetate	NA	(55.4)	[1]	ND (24.3)
Vinyl chloride	NA	(14.5)	[1]	ND (72.3)
Xylene (total)	NA	(26.1)	[1]	ND (19.0)
cis-1,3-Dichloropropene	NA	(6.95)	[1]	27300 E (161)
trans-1,2-Dichloroethene	NA	(11.2)	[1]	ND (9.08)
trans-1,3-Dichloropropene	NA	(7.47)	[1]	ND (14.7)
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	NA	(0.609)	[1]	ND (0.916)
1,2-Dichlorobenzene	NA	(0.658)	[1]	ND (0.990)
1,3-Dichlorobenzene	NA	(0.743)	[1]	ND (1.12)
1,4-Dichlorobenzene	NA	(0.609)	[1]	ND (0.916)

Compiled: 17 March 1995 [] = Detection Limit () = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	3 07-HA-08 07-HA-08-03 4 - 5	3 07-HA-09 07-HA-09-03 8 - 9	3 07-HA-10 07-HA-10-01 0.5 - 1	3 07-HA-11 07-HA-11-01 0.5 - 1
SW8270 - Semivolatile Organics, cont. (mg/kg)				
2,4,5-Trichloropheno	NA	(0.527)	[1]	ND (0.717) [1]
2,4,6-Trichloropheno	NA	(0.524)	[1]	ND (0.713) [1]
2,4-Dichloropheno	NA	(0.590)	[1]	ND (0.801) [1]
2,4-Dimethylpheno	NA	(1.35)	[1]	ND (1.83) [1]
2,4-Dinitrophenol	NA	(4.33)	[1]	ND (5.89) [1]
2,4-Dinitrotoluene	NA	(0.612)	[1]	ND (0.832) [1]
2,6-Dinitrotoluene	NA	(0.892)	[1]	ND (1.21) [1]
2-Chloronaphthalene	NA	(0.406)	[1]	ND (0.552) [1]
2-Chloropheno	NA	(0.658)	[1]	ND (0.894) [1]
2-Methylnaphthalene	NA	(0.377)	[1]	227 EX (0.513) [1]
2-Methylpheno (o-cresol)	NA	(0.321)	[1]	ND (0.437) [1]
2-Nitroaniline	NA	(0.687)	[1]	ND (0.934) [1]
2-Nitrophenol	NA	(0.541)	[1]	ND (0.735) [1]
3,3'-Dichlorobenzidine	NA	(0.345)	[1]	ND (0.469) [1]
3-Nitroaniline	NA	(0.407)	[1]	ND (0.554) [1]
4,6-Dinitro-2-methylpheno	NA	(0.446)	[1]	ND (0.606) [1]
4-Bromophenyl phenyl ether	NA	(0.502)	[1]	ND (0.682) [1]
4-Chloro-3-methylpheno	NA	(0.534)	[1]	ND (0.725) [1]
4-Chloroaniline	NA	(0.772)	[1]	ND (1.05) [1]
4-Chlorophenyl phenyl ether	NA	(0.436)	[1]	ND (0.593) [1]
4-Methylpheno(p-cresol)	NA	(0.476)	[1]	ND (0.646) [1]
4-Nitroaniline	NA	(0.628)	[1]	ND (0.854) [1]
4-Nitrophenol	NA	(0.971)	[1]	ND (1.32) [1]
Acenaphthene	NA	(0.282)	[1]	3.76 (0.383) [1]
Acenaphthylene	NA	(0.433)	[1]	ND (0.589) [1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW8270 - Semivolatile Organics, cont. (mg/kg)	3	3	3	3
Anthracene	07-HA-08-03 4 - 5	07-HA-09-03 8 - 9	07-HA-10-01 0.5 - 1	07-HA-11-01 0.5 - 1
Benzo(a)anthracene	NA	(0.381)	(0.518)	(0.574)
Benzo(a)pyrene	NA	(0.465)	(0.632)	(0.700)
Benzo(b)fluoranthene	NA	(0.537)	(0.730)	(0.807)
Benzo(g,h,i)perylene	NA	(0.941)	(1.28)	(1.42)
Benzo(k)fluoranthene	NA	(1.06)	(1.44)	(1.59)
Benzoic acid	NA	(1.04)	(1.41)	(1.56)
Benzyl alcohol	NA	(40.0)	(54.4)	(60.2)
Butylbenzylphthalate	NA	(0.632)	(0.859)	(0.951)
Chrysene	NA	(0.648)	(0.880)	(0.974)
Di-n-butylphthalate	NA	(0.556)	(0.756)	(0.837)
Di-n-octylphthalate	NA	(0.336)	(0.456)	(0.505)
Dibenz(a,h)anthracene	NA	(0.365)	(0.496)	(0.549)
Dibenzofuran	NA	(0.840)	(1.14)	(1.26)
Diethylphthalate	NA	(0.556)	(0.756)	(0.837)
Dimethylphthalate	NA	(0.534)	(0.725)	(0.803)
Diphenylamine/N-NitrosodPA	NA	(0.348)	(0.473)	(0.524)
Fluoranthene	NA	(0.279)	(0.379)	(0.419)
Fluorene	NA	(0.488)	(0.663)	(0.734)
Hexachlorobenzene	NA	(0.394)	(0.535)	(0.592)
Hexachlorobutadiene	NA	(0.325)	(0.442)	(0.489)
Hexachlorocyclopentadiene	NA	(0.531)	(0.721)	(0.798)
Hexachloroethane	NA	(6.10)	(8.30)	(9.18)
Indeno(1,2,3-cd)pyrene	NA	(0.658)	(0.894)	(0.990)
Isophorone	NA	(1.38)	(1.87)	(2.07)
	NA	(0.638)	(0.868)	(0.960)

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)	BEG. DEPTH - END DEPTH (FT.)
SW8270 - Semivolatile Organics, cont. (mg/kg)				
N-Nitroso-di-n-propylamine	NA	NA	NA	NA
Naphthalene	NA	46.7	89.1	ND
Nitrobenzene	NA	ND	ND	ND
Pentachloropheno1	NA	ND	ND	ND
Phenanthrene	NA	1.14	0.720	0.729
Phenol	NA	ND	ND	ND
Pyrene	NA	ND	ND	ND
bis(2-Chloroethoxy)methane	NA	ND	ND	ND
bis(2-Chloroethyl)ether	NA	ND	ND	ND
bis(2-Chloroisopropyl)ether	NA	ND	ND	ND
bis(2-Ethylhexyl)phthalate	NA	ND	ND	ND

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	3 07-HA-12 07-HA-12-01	3 07-SD-03 07-SD-03-01	3 07-SD-03 07-SD-03-01	3 07-SD-03-DS-01 Dup of 07-SD-03-01	3 07-SD-04 07-SD-04-01	0 - 0.5
SW8240 - Volatile Organics, cont. (ug/kg)						
Carbon disulfide	ND (5.36) [1]	ND (300) [1]	ND (300) [1]	ND (300) [1]	ND (800) [1]	
Carbon tetrachloride	ND (2.76) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Chlorobenzene	ND X (2.22) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Chloroethane	ND (3.80) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Chloroform	ND (3.16) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Chloromethane	ND (10.8) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Dibromochloromethane	ND X (2.54) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Ethylbenzene	ND X (1.94) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Methylene chloride	11.0 B (4.20) [1]	200 (200) [1]	ND (100) [1]	ND (100) [1]	830 (400) [1]	
Styrene	ND X (3.62) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Tetrachloroethene	ND X (3.02) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Toluene	ND (4.00) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Tribromomethane (Bromoform)	ND X (3.02) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Trichloroethene	ND (6.42) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Vinyl acetate	ND (19.1) [1]	ND (2000) [1]	ND (1000) [1]	ND (1000) [1]	ND (4000) [1]	
Vinyl chloride	ND (5.02) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
Xylene (total)	ND X (9.00) [1]	NA (200) [1]	NA (200) [1]	NA (100) [1]	NA (400) [1]	
cis-1,2-Dichloroethene	NA (2.40) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
cis-1,3-Dichloropropene m & p-Xylene	NA (3.88) [1]	ND (500) [1]	ND (400) [1]	ND (400) [1]	ND (1200) [1]	
o-Xylene	NA (2.58) [1]	ND (300) [1]	ND (300) [1]	ND (300) [1]	ND (800) [1]	
trans-1,2-Dichloroethene	ND X (3.88) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	
trans-1,3-Dichloropropene	ND X (2.58) [1]	ND (200) [1]	ND (100) [1]	ND (100) [1]	ND (400) [1]	

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				DILUTION FACTOR	DETECTION LIMIT	NA = Not Detected	MA = Not Applicable	R = Invalid Result, Refer to QC Report			
	LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	07-SD-03								
	07-HA-12	07-SD-03	07-SD-03-01	07-SD-03								
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene	ND	(1.14)	[1]	ND	(0.675)	[1]	ND	(0.746)	[1]	ND	(1.93)	[1]
1,2-Dichlorobenzene	ND	(1.23)	[1]	ND	(0.889)	[1]	ND	(0.983)	[1]	ND	(2.55)	[1]
1,3-Dichlorobenzene	ND	(1.39)	[1]	ND	(0.452)	[1]	ND	(0.500)	[1]	ND	(1.29)	[1]
1,4-Dichlorobenzene	ND	(1.14)	[1]	ND	(0.923)	[1]	ND	(1.02)	[1]	ND	(2.64)	[1]
2,4,5-Trichloropheno	ND	(0.989)	[1]	ND	(0.377)	[1]	ND	(0.416)	[1]	ND	(1.08)	[1]
2,4,6-Trichloropheno	ND	(0.983)	[1]	ND	(0.398)	[1]	ND	(0.440)	[1]	ND	(1.14)	[1]
2,4-Dichloropheno	ND	(1.11)	[1]	ND	(0.506)	[1]	ND	(0.559)	[1]	ND	(1.45)	[1]
2,4-Dimethylpheno	ND	(2.53)	[1]	ND	(1.26)	[1]	ND	(1.39)	[1]	ND	(3.60)	[1]
2,4-Dinitrophenol	ND	(8.12)	[1]	ND	(7.99)	[1]	ND	(8.83)	[1]	ND	(22.9)	[1]
2,4-Dinitrotoluene	ND	(1.15)	[1]	ND	(0.628)	[1]	ND	(0.694)	[1]	ND	(1.80)	[1]
2,6-Dinitrotoluene	ND	(1.67)	[1]	ND	(0.395)	[1]	ND	(0.436)	[1]	ND	(1.13)	[1]
2-Chloronaphthalene	ND	(0.761)	[1]	ND	(0.370)	[1]	ND	(0.409)	[1]	ND	(1.06)	[1]
2-Chloropheno	ND	(1.23)	[1]	ND	(0.872)	[1]	ND	(0.964)	[1]	ND	(2.50)	[1]
2-Methylnaphthalene	ND	(0.707)	[1]	ND	(0.754)	[1]	ND	(0.833)	[1]	ND	(2.16)	[1]
2-Methylpheno (o-cresol)	ND	(0.602)	[1]	ND	(0.610)	[1]	ND	(0.674)	[1]	ND	(1.75)	[1]
2-Nitroaniline	ND	(1.29)	[1]	ND	(0.459)	[1]	ND	(0.507)	[1]	ND	(1.31)	[1]
2-Nitrophenol	ND	(1.01)	[1]	ND	(0.502)	[1]	ND	(0.555)	[1]	ND	(1.44)	[1]
3,3'-Dichlorobenzidine	ND	(0.647)	[1]	ND	(0.559)	[1]	ND	(0.618)	[1]	ND	(1.60)	[1]
3-Nitroaniline	ND	(0.763)	[1]	ND	(0.581)	[1]	ND	(0.642)	[1]	ND	(1.66)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.835)	[1]	ND	(0.904)	[1]	ND	(0.999)	[1]	ND	(2.59)	[1]
4-Bromophenyl phenyl ether	ND	(0.940)	[1]	ND	(0.521)	[1]	ND	(0.575)	[1]	ND	(1.49)	[1]
4-Chloro-3-methylpheno	ND	(1.00)	[1]	ND	(0.826)	[1]	ND	(0.912)	[1]	ND	(2.36)	[1]
4-Chloroaniline	ND	(1.45)	[1]	ND	(0.638)	[1]	ND	(0.705)	[1]	ND	(1.83)	[1]
4-Chlorophenyl phenyl ether	ND	(0.818)	[1]	ND	(0.603)	[1]	ND	(0.666)	[1]	ND	(1.73)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				DILUTION FACTOR	DETECTION LIMIT	FACTOR	NA	R	QC RESULT
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID						
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID						
SW8270 - Semivolatile Organics, cont. (mg/kg)										
4-Methylphenol(p-cresol)	ND (0.892)	[1]	ND (0.657)	[1]	ND	(0.725)	[1]	ND	(1.88)	[1]
4-Nitroaniline	ND (1.18)	[1]	ND (0.553)	[1]	ND	(0.611)	[1]	ND	(1.58)	[1]
4-Nitrophenol	ND (1.82)	[1]	ND (0.789)	[1]	ND	(0.872)	[1]	ND	(2.26)	[1]
Acenaphthene	ND (0.528)	[1]	ND (0.546)	[1]	ND	(0.603)	[1]	ND	(1.56)	[1]
Acenaphthylene	ND (0.812)	[1]	ND (0.258)	[1]	ND	(0.285)	[1]	ND	(0.739)	[1]
Anthracene	ND (0.715)	[1]	ND (0.663)	[1]	ND	(0.733)	[1]	ND	(1.90)	[1]
Benzo(a)anthracene	ND (0.872)	[1]	ND (0.588)	[1]	ND	(0.650)	[1]	ND	(1.68)	[1]
Benzo(a)pyrene	ND (1.01)	[1]	ND (0.437)	[1]	ND	(0.483)	[1]	ND	(1.25)	[1]
Benzo(b)fluoranthene	ND (1.76)	[1]	ND (0.650)	[1]	ND	(0.718)	[1]	ND	(1.86)	[1]
Benzo(g,h,i)perylene	ND (1.98)	[1]	ND (0.556)	[1]	ND	(0.614)	[1]	ND	(1.59)	[1]
Benzo(k)fluoranthene	ND (1.94)	[1]	ND (1.11)	[1]	ND	(1.22)	[1]	ND	(3.16)	[1]
Benzoic acid	ND (75.0)	[1]	ND (4.52)	[1]	ND	(5.00)	[1]	ND	(12.9)	[1]
Benzyl alcohol	ND (1.18)	[1]	ND (1.23)	[1]	ND	(1.36)	[1]	ND	(3.53)	[1]
Butylbenzylphthalate	ND (1.21)	[1]	ND (0.449)	[1]	ND	(0.496)	[1]	ND	(1.28)	[1]
Chrysene	ND (1.04)	[1]	ND (0.764)	[1]	ND	(0.844)	[1]	ND	(2.19)	[1]
Di-n-butylphthalate	ND (0.629)	[1]	ND (0.563)	[1]	ND	(0.622)	[1]	ND	(1.61)	[1]
Di-n-octylphthalate	ND (0.684)	[1]	ND (1.04)	[1]	ND	(1.15)	[1]	ND	(2.98)	[1]
Dibenz(a,h)anthracene	ND (1.58)	[1]	ND (0.541)	[1]	ND	(0.598)	[1]	ND	(1.55)	[1]
Dibenzofuran	ND (1.04)	[1]	ND (0.466)	[1]	ND	(0.515)	[1]	ND	(1.33)	[1]
Diethylphthalate	ND (1.00)	[1]	ND (0.384)	[1]	ND	(0.424)	[1]	ND	(1.10)	[1]
Dimethylphthalate	ND (0.653)	[1]	ND (0.320)	[1]	ND	(0.353)	[1]	ND	(0.915)	[1]
Diphenylamine/N-NitrosoDPA	ND (0.523)	[1]	ND (0.646)	[1]	ND	(0.714)	[1]	ND	(1.85)	[1]
Fluoranthene	ND (0.915)	[1]	ND (0.728)	[1]	ND	(0.805)	[1]	ND	(2.09)	[1]
Fluorene	ND (0.738)	[1]	ND (0.384)	[1]	ND	(0.424)	[1]	ND	(1.10)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	3	3	3	3
	07-HA-12	07-SD-03	07-SD-03	07-SD-04
	07-HA-12-01	07-SD-03-01	07-SD-03-DS-01 Dup of 07-SD-03-01	07-SD-04-01
	0.5 - 1	0 - 0.5	0 - 0.5	0 - 0.5

SWB270 - Semivolatile Organics, cont. (mg/kg)				
Hexachlorobenzene	ND (0.610) [1]	ND (0.267) [1]	ND (0.295) [1]	ND (0.765) [1]
Hexachlorobutadiene	ND (0.995) [1]	ND (0.797) [1]	ND (0.880) [1]	ND (2.28) [1]
Hexachlorocyclopentadiene	ND (11.4) [1]	ND (10.2) [1]	ND (11.3) [1]	ND (29.2) [1]
Hexachloroethane	ND (1.23) [1]	ND (0.678) [1]	ND (0.749) [1]	ND (1.94) [1]
Indeno(1,2,3-cd)pyrene	ND (2.58) [1]	ND (0.599) [1]	ND (0.662) [1]	ND (1.72) [1]
Isophorone	ND (1.20) [1]	ND (0.328) [1]	ND (0.362) [1]	ND (0.938) [1]
N-Nitroso-di-n-propylamine	ND (1.27) [1]	ND (0.858) [1]	ND (0.947) [1]	ND (2.46) [1]
Naphthalene	ND (0.929) [1]	ND (0.832) [1]	0.568 J (0.920) [1]	ND (2.38) [1]
Nitrobenzene	ND (1.64) [1]	ND (0.603) [1]	ND (0.666) [1]	ND (1.73) [1]
Pentachloropheno]	ND (1.73) [1]	ND (0.987) [1]	ND (1.09) [1]	ND (2.82) [1]
Phenanthrene	ND (0.909) [1]	0.208 J (0.710) [1]	ND (0.785) [1]	ND (2.03) [1]
Pheno]	ND (1.72) [1]	ND (0.456) [1]	ND (0.503) [1]	ND (1.30) [1]
Pyrene	ND (0.793) [1]	0.140 J (0.534) [1]	ND (0.590) [1]	ND (1.53) [1]
bis(2-Chloroethoxy)methane	ND (1.18) [1]	ND (0.642) [1]	ND (0.709) [1]	ND (1.84) [1]
bis(2-Chloroethyl)ether	ND (0.744) [1]	ND (0.836) [1]	ND (0.923) [1]	ND (2.39) [1]
bis(2-Chloroisopropyl)ether	ND (1.55) [1]	ND (0.829) [1]	ND (- 0.916) [1]	ND (2.37) [1]
bis(2-Ethylhexyl)phthalate	ND (1.13) [1]	0.466 J (2.09) [1]	ND (2.31) [1]	1.22 J (5.98) [1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID												
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)								
	3	3	3	3	3	3							
Diesel Range Organics (mg/kg)	760	(	20.0)	[1]	9.00 JB	(	20.0)	[1]	640	(	20.0)	[10]	NA
Diesel Range Organics					07-SD-05				07-SD-06				07-SS-06
					07-SD-05-01				07-SD-06-01				07-SS-06-01
					0 - 0.5				0 - 0.5				0 - 0.5
Gasoline Range Organics (mg/kg)	88.0	(	10.0)	[10]	0.00 JB	(	10.0)	[1]	9.00 J	(	10.0)	[1]	NA
Gasoline Range Organics													
Percent Solid (percent)	70.0	(	0.00)	[1]	70.3	(	0.00)	[1]	41.8	(	0.00)	[1]	25.8
Percent moisture													0.00
SW8240 - Volatile Organics (ug/kg)													
1,1,1-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,1,2,2-Tetrachloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,1,2-Trichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,1-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,1-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,2-Dichloroethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
1,2-Dichloropropane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
2-Butanone(MEK)	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1]	NA
2-Chloroethyl vinyl ether	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
2-Hexanone	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1]	NA
4-Methyl-2-pentanone(MIBK)	ND	(	1600)	[1]	ND	(	2200)	[1]	ND	(	800)	[1]	NA
Acetone	ND	(	6000)	[1]	ND	(	9000)	[1]	ND	(	3000)	[1]	NA
Benzene	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
Bromodichloromethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
Bromomethane	ND	(	300)	[1]	ND	(	400)	[1]	ND	(	200)	[1]	NA
Carbon disulfide	ND	(	600)	[1]	ND	(	900)	[1]	ND	(	300)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	3		3		3					
	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)				
SW8240 - Volatile Organics, cont. (ug/kg)										
Carbon tetrachloride	07-SD-05 0 - 0.5	(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Chlorobenzene	07-SD-05-01 0 - 0.5	(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Chloroethane		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Chloroform		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Chloromethane		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Dibromochloromethane		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Ethylbenzene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Methylene chloride		(300)	[1]	520	(400)	[1]	220	(200)	[1]	NA
Styrene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Tetrachloroethene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Toluene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Tribromomethane(Bromoform)		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Trichloroethene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
Vinyl acetate		(3000)	[1]	ND	(4000)	[1]	ND	(2000)	[1]	NA
Vinyl chloride		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
cis-1,2-Dichloroethene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
cis-1,3-Dichloropropene		(900)	[1]	ND	(1300)	[1]	ND	(500)	[1]	NA
m & p-Xylene		(600)	[1]	ND	(900)	[1]	ND	(300)	[1]	NA
o-Xylene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
trans-1,2-Dichloroethene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
trans-1,3-Dichloropropene		(300)	[1]	ND	(400)	[1]	ND	(200)	[1]	NA
SW8270 - Semivolatile Organics (mg/kg)										
1,2,4-Trichlorobenzene		(0.195)	[1]	ND	(0.0659)	[1]	ND	(0.883)	[1]	NA
1,2-Dichlorobenzene		(0.258)	[1]	ND	(0.0869)	[1]	ND	(1.16)	[1]	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	07-SD-05		07-SD-06		07-SD-07	
	3 07-SD-05-01 0 - 0.5	3 07-SD-06-01 0 - 0.5	3 07-SD-07-01 0 - 0.5	3 07-SD-07-01 0 - 0.5	3 07-SS-06-01 0 - 0.5	3 07-SS-06-01 0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,3-Dichlorobenzene	ND (0.131) [1]	ND (0.0442) [1]	ND (0.0442) [1]	ND (0.592) [1]	NA	NA
1,4-Dichlorobenzene	ND (0.267) [1]	ND (0.0901) [1]	ND (0.0901) [1]	ND (1.21) [1]	NA	NA
2,4,5-Trichloropheno	ND (0.109) [1]	ND (0.0368) [1]	ND (0.0368) [1]	ND (0.493) [1]	NA	NA
2,4,6-Trichloropheno	ND (0.115) [1]	ND (0.0389) [1]	ND (0.0389) [1]	ND (0.521) [1]	NA	NA
2,4-Dichloropheno	ND (0.146) [1]	ND (0.0494) [1]	ND (0.0494) [1]	ND (0.662) [1]	NA	NA
2,4-Dimethylpheno	ND (0.364) [1]	ND (0.123) [1]	ND (0.123) [1]	ND (1.64) [1]	NA	NA
2,4-Dinitrophenol	ND (2.31) [1]	ND (0.781) [1]	ND (0.781) [1]	ND (10.5) [1]	NA	NA
2,4-Dinitrotoluene	ND (0.182) [1]	ND (0.0613) [1]	ND (0.0613) [1]	ND (0.822) [1]	NA	NA
2,6-Dinitrotoluene	ND (0.114) [1]	ND (0.0386) [1]	ND (0.0386) [1]	ND (0.517) [1]	NA	NA
2-Chloronaphthalene	ND (0.107) [1]	ND (0.0361) [1]	ND (0.0361) [1]	ND (0.484) [1]	NA	NA
2-Chloropheno	ND (0.253) [1]	ND (0.0852) [1]	ND (0.0852) [1]	ND (1.14) [1]	NA	NA
2-Methylnaphthalene	1.31 (0.218) [1]	0.814 (0.0736) [1]	1.87 (0.0736) [1]	ND (0.986) [1]	NA	NA
2-Methylpheno (o-cresol)	ND (0.177) [1]	ND (0.0596) [1]	ND (0.0596) [1]	ND (0.798) [1]	NA	NA
2-Nitroaniline	ND (0.133) [1]	ND (0.0448) [1]	ND (0.0448) [1]	ND (0.601) [1]	NA	NA
2-Nitrophenol	ND (0.146) [1]	ND (0.0491) [1]	ND (0.0491) [1]	ND (0.657) [1]	NA	NA
3,3'-Dichlorobenzidine	ND (0.162) [1]	ND (0.0546) [1]	ND (0.0546) [1]	ND (0.732) [1]	NA	NA
3-Nitroaniline	ND (0.168) [1]	ND (0.0568) [1]	ND (0.0568) [1]	ND (0.760) [1]	NA	NA
4,6-Dinitro-2-methylpheno	ND (0.262) [1]	ND (0.0883) [1]	ND (0.0883) [1]	ND (1.18) [1]	NA	NA
4-Bromophenyl phenyl ether	ND (0.151) [1]	ND (0.0509) [1]	ND (0.0509) [1]	ND (0.681) [1]	NA	NA
4-Chloro-3-methylpheno	ND (0.239) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (1.08) [1]	NA	NA
4-Chloroaniline	ND (0.185) [1]	ND (0.0623) [1]	ND (0.0623) [1]	ND (0.835) [1]	NA	NA
4-Chlorophenyl phenyl ether	ND (0.175) [1]	ND (0.0589) [1]	ND (0.0589) [1]	ND (0.789) [1]	NA	NA
4-Methylpheno(p-cresol)	ND (0.190) [1]	0.125 F (0.0641) [1]	ND (0.0641) [1]	ND (0.859) [1]	NA	NA
4-Nitroaniline	ND (0.160) [1]	ND (0.0540) [1]	ND (0.0540) [1]	ND (0.723) [1]	NA	NA
4-Nitrophenol	ND (0.229) [1]	ND (0.0771) [1]	ND (0.0771) [1]	ND (1.03) [1]	NA	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	3		3	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	07-SD-05-01 07-SD-05-01 0 - 0.5	07-SD-06 07-SD-06-01 0 - 0.5	07-SD-07 07-SD-07-01 0 - 0.5
SW8270 - Semivolatiles Organics, cont. (mg/kg)				
Acenaphthene	0.179	(0.158)	(0.0533)	(0.714)
Acenaphthylene	ND	(0.0747)	(0.0252)	(0.338)
Anthracene	ND	(0.192)	(0.0648)	(0.868)
Benzo(a)anthracene	ND	(0.170)	(0.0574)	(0.769)
Benzo(a)pyrene	ND	(0.127)	(0.0427)	(0.572)
Benzo(b)fluoranthene	ND	(0.188)	(0.0635)	(0.850)
Benzo(g,h,i)perylene	ND	(0.161)	(0.0543)	(0.728)
Benzo(k)fluoranthene	ND	(0.320)	(0.108)	(1.45)
Benzoic acid	ND	(1.31)	(0.442)	(5.92)
Benzyl alcohol	ND	(0.357)	(0.120)	(1.61)
Butylbenzylphthalate	0.115 J	(0.130)	(0.0438)	(0.587)
Chrysene	ND	(0.221)	(0.0746)	(1.00)
Di-n-butylphthalate	0.0585 J	(0.163)	(0.0550)	(0.737)
Di-n-octylphthalate	ND	(0.301)	(0.102)	(1.36)
Dibenz(a,h)anthracene	ND	(0.157)	(0.0529)	(0.708)
Dibenzofuran	ND	(0.135)	(0.0455)	(0.610)
Diethylphthalate	ND	(0.111)	(0.0375)	(0.502)
Dimethylphthalate	ND	(0.0926)	(0.0312)	(0.418)
Diphenylamine/N-NitrosodPA	ND	(0.187)	(0.0631)	(0.846)
Fluoranthene	ND	(0.211)	(0.0712)	(0.953)
Fluorene	0.216	(0.111)	(0.0375)	(0.502)
Hexachlorobenzene	ND	(0.0774)	(0.0261)	(0.350)
Hexachlorobutadiene	ND	(0.231)	(0.0778)	(1.04)
Hexachlorocyclopentadiene	ND	(2.95)	(0.995)	(13.3)
Hexachloroethane	ND	(0.196)	(0.0662)	(0.887)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	3		3		3	
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	07-SD-05 07-SD-05-01 0 - 0.5	07-SD-06 07-SD-06-01 0 - 0.5	07-SD-07 07-SD-07-01 0 - 0.5	07-SS-06 07-SS-06-01 0 - 0.5	
SW8270 - Semivolatile Organics, cont. (mg/kg)						
Indeno(1,2,3-cd)pyrene	ND (0.174) [1]	ND (0.0586) [1]	ND (0.784) [1]	NA		
Isophorone	ND (0.0949) [1]	ND (0.0320) [1]	ND (0.429) [1]	NA		
N-Nitroso-di-n-propylamine	ND (0.248) [1]	ND (0.0838) [1]	ND (1.12) [1]	NA		
Naphthalene	0.731 (0.241) [1]	0.476 (0.0813) [1]	0.554 J (1.09) [1]	NA		
Nitrobenzene	ND (0.175) [1]	ND (0.0589) [1]	ND (0.789) [1]	NA		
Pentachloropheno1	ND (0.286) [1]	ND (0.0964) [1]	ND (1.29) [1]	NA		
Phenanthrene	ND (0.206) [1]	0.0271 J (0.0694) [1]	ND (0.929) [1]	NA		
Phenol	ND (0.132) [1]	ND (0.0445) [1]	ND (0.596) [1]	NA		
Pyrene	ND (0.155) [1]	ND (0.0522) [1]	ND (0.699) [1]	NA		
bis(2-Chloroethoxy)methane	ND (0.186) [1]	ND (0.0627) [1]	ND (0.840) [1]	NA		
bis(2-Chloroethyl)ether	ND (0.242) [1]	ND (0.0816) [1]	ND (1.09) [1]	NA		
bis(2-Chloroisopropyl)ether	ND (0.240) [1]	ND (0.0810) [1]	ND (1.08) [1]	NA		
bis(2-Ethylhexyl)phtalate	0.203 J (0.605) [1]	0.0587 J (0.204) [1]	0.435 J (2.73) [1]	NA		

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)									
	3	07A	07A-SB-01	07A-SB-02	07A-SB-01-02	07A-SB-02-01	07A-SB-02-02	07A-SB-02-02								
Percent Solid (percent)	30.0	(	0.00)	[1]	29.4	(	0.00)	[1]	35.0	(	0.00)	[1]	27.7	(	0.00)	[1]
Percent moisture																

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	PARAMETER	BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID	SAMPLE ID			
Diesel Range Organics (mg/kg)	07A	07A	0 - 0.5	07A-SS-01	0 - 0.5
Diesel Range Organics	07A-SB-02	07A-SS-01	07A-SB-02 Dup of	07A-SS-01-01	07A-SB-02-02
	07A-SB-02-DS-02	07A-SS-01-01	1.5 - 2	07A-SB-02-02	07A-SB-02-02
Gasoline Range Organics (mg/kg)	07A	07A	0 - 0.5	07A-SS-01	0 - 0.5
Gasoline Range Organics	07A-SB-01	07A-SS-01	07A-SB-01	07A-SS-01-01	07A-SB-01-01
Percent Solid (percent)	NA	NA	NA	NA	NA
Percent moisture	27.3	(0.00)	[1]	30.9	(0.00)
				87.8	(0.00)
				11.0	JB (20.0)
				0.00	JB (10.0)
				8	8 - 8.5

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	7		7		7		7		7		7	
	08-SB-02		08-SB-03		08-SB-03-01		08-SB-03-01		09-SB-01		09-SB-01-02	
	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	0 - 2	0 - 2	2.5 - 4.5	2.5 - 4.5
Diesel Range Organics (mg/kg)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Diesel Range Organics	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics (mg/kg)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Gasoline Range Organics	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]	[1]
Percent Solid (percent)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Percent moisture	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW8240 - Volatile Organics (ug/kg)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2,2-Tetrachloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1,2-Trichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone(MEK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethyl vinyl ether	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone(MIBK)	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon disulfide	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor NA = Not Detected ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	7		008	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
SW8240 - Volatile Organics, cont. (ug/kg)				
Carbon tetrachloride	08-SB-02	10 - 10.5	09-SB-01	2.5 - 4.5
Chlorobenzene	08-SB-02-01	10 - 10.5	09-SB-01-01	0 - 2
Chloroethane				
Chloroform				
Chloromethane				
Dibromochloromethane				
Ethylbenzene				
Methylene chloride				
Styrene				
Tetrachloroethene				
Toluene				
Tribromomethane (Bromoform)				
Trichloroethene				
Vinyl acetate				
Vinyl chloride				
cis-1,2-Dichloroethene				
cis-1,3-Dichloropropene				
m & p-Xylene				
o-Xylene				
trans-1,2-Dichloroethene				
trans-1,3-Dichloropropene				
SW8270 - Semi-volatile Organics (mg/kg)				
1,2,4-Trichlorobenzene				
1,2-Dichlorobenzene				

NA = Not Detected ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report
 () = Detection Limit [] = Dilution Factor

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	008 09-SB-01 09-SB-01-02 2.5 - 4.5	008 09-SB-01 09-SB-01-01 0 - 2	008 08-SB-02 08-SB-02-01 10 - 10.5	008 08-SB-03 08-SB-03-01 10 - 10.5	008 09-SB-01 09-SB-01-02 2.5 - 4.5
	7	7							
	7	7							
SW8270 - Semivolatile Organics, cont. (mg/kg)									
1,3-Dichlorobenzene	NA	NA	NA	NA	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4,5-Trichloropheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4,6-Trichloropheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dichloropheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dimethylpheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrophenol	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	NA	NA	NA	NA	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloronaphthalene	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Chloropheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Methylnaphthalene	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Methylpheno (o-cresol)	NA	NA	NA	NA	0.0197	0.0197	0.0197	0.0197	0.165
2-Nitroaniline	NA	NA	NA	NA	ND	ND	ND	ND	ND
2-Nitrophenol	NA	NA	NA	NA	ND	ND	ND	ND	ND
3,3'-Dichlorobenzidine	NA	NA	NA	NA	ND	ND	ND	ND	ND
3-Nitroaniline	NA	NA	NA	NA	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylpheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Bromophenyl phenyl ether	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Chloro-3-methylpheno	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Chloroaniline	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Chlorophenyl phenyl ether	NA	NA	NA	NA	ND	ND	ND	ND	0.0269 J
4-Methylpheno (p-cresol)	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitroaniline	NA	NA	NA	NA	ND	ND	ND	ND	ND
4-Nitrophenol	NA	NA	NA	NA	ND	ND	ND	ND	ND

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID							
	7		008					
	LOCATION ID SAMPLE ID BEG. DEPTH - END DEPTH (FT.)	7 08-SB-02 08-SB-02-01 10 - 10.5	08-SB-03 08-SB-03-01 10 - 10.5	09-SB-01 09-SB-01-01 0 - 2	008 09-SB-01 09-SB-01-02 2.5 - 4.5			
SW8270 - Semivolatile Organics, cont. (mg/kg)	NA	NA	0.0187	(0.00985)	[1]	ND	(0.0109)	[1]
Acenaphthene	NA	NA	ND	(0.0151)	[1]	ND	(0.0167)	[1]
Acenaphthylene	NA	NA	0.0609	(0.0133)	[1]	0.0104	(0.0147)	[1]
Anthracene	NA	NA	0.213	(0.0163)	[1]	0.0341	(0.0179)	[1]
Benzo(a)anthracene	NA	NA	0.321	(0.0188)	[1]	0.0397	(0.0207)	[1]
Benzo(a)pyrene	NA	NA	0.717	(0.0329)	[1]	0.0875	(0.0363)	[1]
Benzo(b)fluoranthene	NA	NA	0.236	(0.0369)	[1]	ND	(0.0408)	[1]
Benzo(g,h,i)perylene	NA	NA	0.717	(0.0362)	[1]	0.0875	(0.0399)	[1]
Benzo(k)fluoranthene	NA	NA	ND	(1.40)	[1]	ND	(1.54)	[1]
Benzoic acid	NA	NA	ND	(0.0221)	[1]	ND	(0.0244)	[1]
Benzyl alcohol	NA	NA	ND	(0.0226)	[1]	ND	(0.0250)	[1]
Butylbenzylphthalate	NA	NA	0.396	(0.0195)	[1]	0.0520	(0.0215)	[1]
Chrysene	NA	NA	0.0266	(0.0117)	[1]	ND	(0.0130)	[1]
Di-n-butylphthalate	NA	NA	ND	(0.0128)	[1]	ND	(0.0141)	[1]
Di-n-octylphthalate	NA	NA	ND	(0.0294)	[1]	ND	(0.0324)	[1]
Dibenz(a,h)anthracene	NA	NA	0.0146	(0.0195)	[1]	ND	(0.0215)	[1]
Dibenzofuran	NA	NA	ND	(0.0187)	[1]	ND	(0.0206)	[1]
Diethylphthalate	NA	NA	ND	(0.0122)	[1]	ND	(0.0134)	[1]
Dimethylphthalate	NA	NA	ND	(0.00974)	[1]	ND	(0.0108)	[1]
Diphenylamine/N-NitrosodPA	NA	NA	0.403	(0.0171)	[1]	0.0528	(0.0188)	[1]
Fluoranthene	NA	NA	0.0166	(0.0138)	[1]	ND	(0.0152)	[1]
Fluorene	NA	NA	ND	(0.0114)	[1]	ND	(0.0126)	[1]
Hexachlorobenzene	NA	NA	ND	(0.0185)	[1]	ND	(0.0205)	[1]
Hexachlorobutadiene	NA	NA	ND	(0.213)	[1]	ND	(0.235)	[1]
Hexachlorocyclopentadiene	NA	NA	ND	(0.0230)	[1]	ND	(0.0254)	[1]
Hexachloroethane	NA	NA	ND	(0.0230)	[1]	ND	(0.0254)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	7		008		008	
	08-SB-02		08-SB-03		09-SB-01	
	10 - 10.5	10 - 10.5	10 - 10.5	10 - 10.5	0 - 2	2.5 - 4.5
SW8270 - Semi-volatile Organics, cont. (mg/kg)						
Indeno(1,2,3-cd)pyrene	NA	NA	0.260	(0.0482)	[1]	0.0190 J (0.0532) [1]
Isophorone	NA	NA	ND	(0.0223)	[1]	ND (0.0246) [1]
N-Nitroso-di-n-propylamine	NA	NA	ND	(0.0237)	[1]	ND (0.0261) [1]
Naphthalene	NA	0.0210	0.0210	(0.0173)	[1]	0.196 (0.0191) [1]
Nitrobenzene	NA	NA	ND	(0.0305)	[1]	ND (0.0337) [1]
Pentachloropheno1	NA	NA	ND	(0.0322)	[1]	ND (0.0355) [1]
Phenanthrene	NA	0.226	0.226	(0.0170)	[1]	0.0496 (0.0187) [1]
Pheno1	NA	NA	ND	(0.0320)	[1]	ND (0.0353) [1]
Pyrene	NA	0.435	0.435	(0.0148)	[1]	0.0592 (0.0163) [1]
bis(2-Chloroethoxy)methane	NA	NA	ND	(0.0220)	[1]	ND (0.0242) [1]
bis(2-Chloroethyl)ether	NA	NA	ND	(0.0139)	[1]	ND (0.0153) [1]
bis(2-Chloroisopropyl)ether	NA	NA	ND	(0.0289)	[1]	ND (0.0319) [1]
bis(2-Ethylhexyl)phthalate	NA	0.129	0.129	(0.0210)	[1]	ND (0.0232) [1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	008		008		008		008		008	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
Diesel Range Organics (mg/kg)	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5
Diesel Range Organics	10.0 JB (20.0)	[1]	1.00 JB (20.0)	[1]	57.0 B (20.0)	[1]	1.00 JB (20.0)	[1]	1.00 JB (20.0)	[1]
Gasoline Range Organics (mg/kg)	09-SB-03	5 - 7	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5	09-SB-01	7.5 - 9.5
Gasoline Range Organics	60.0 (10.0)	[1]	6.00 J (10.0)	[1]	0.00 JB (10.0)	[1]	1.00 J (10.0)	[1]	1.00 J (10.0)	[1]
Percent Solid (percent)	21.4 (0.00)	[1]	14.7 (0.00)	[1]	3.72 (0.00)	[1]	23.8 (0.00)	[1]	23.8 (0.00)	[1]
Percent moisture										
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,1,2,2-Tetrachloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,1,2-Trichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,1-Dichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,1-Dichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,2-Dichloroethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
1,2-Dichloropropane	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]
2-Butanone(MEK)	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
2-Chloroethyl vinyl ether	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]
2-Hexanone	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]
4-Methyl-2-pentanone(MIBK)	ND (40.0)	[1]	ND (40.0)	[1]	ND (30.0)	[1]	ND (40.0)	[1]	ND (40.0)	[1]
Acetone	8.90 JB (100)	[1]	8.00 JB (100)	[1]	7.00 JB (100)	[1]	13.0 JB (100)	[1]	13.0 JB (100)	[1]
Benzene	ND (7.00)	[1]	1.60 J (7.00)	[1]	1.00 J (6.00)	[1]	16.0 (7.00)	[1]	16.0 (7.00)	[1]
Bromodichloromethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
Bromomethane	ND (7.00)	[1]	ND (7.00)	[1]	ND (6.00)	[1]	ND (7.00)	[1]	ND (7.00)	[1]
Carbon disulfide	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]	ND (10.0)	[1]

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	008	008	008	008
	09-SB-01	09-SB-01	10-SB-04	10-SB-04
	09-SB-01-03	09-SB-01-04	10-SB-04-01	10-SB-04-02
	5 - 7	7.5 - 9.5	0 - 2	3 - 5

SW8240 - Volatile Organics, cont. (ug/kg)				
Carbon tetrachloride	ND	[1]	ND	[1]
Chlorobenzene	ND	[1]	ND	[1]
Chloroethane	ND	[1]	ND	[1]
Chloroform	ND	[1]	ND	[1]
Chloromethane	ND	[1]	ND	[1]
Dibromochloromethane	ND	[1]	ND	[1]
Ethylbenzene	ND	[1]	ND	[1]
Methylene chloride	ND	[1]	ND	[1]
Styrene	ND	[1]	ND	[1]
Tetrachloroethene	ND	[1]	ND	[1]
Toluene	ND	[1]	1.70 J	[1]
Tri bromomethane(Bromoform)	ND	[1]	ND	[1]
Trichloroethene	ND	[1]	ND	[1]
Vinyl acetate	ND	[1]	ND	[1]
Vinyl chloride	ND	[1]	ND	[1]
cis-1,2-Dichloroethene	ND	[1]	ND	[1]
cis-1,3-Dichloropropene	ND	[1]	ND	[1]
m & p-Xylene	ND	[1]	ND	[1]
o-Xylene	ND	[1]	ND	[1]
trans-1,2-Dichloroethene	ND	[1]	ND	[1]
trans-1,3-Dichloropropene	ND	[1]	ND	[1]
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	[1]	ND	[1]
1,2-Dichlorobenzene	ND	[1]	ND	[1]

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)	008			DILUTION FACTOR	008			DETECTION LIMIT	NA = Not Applicable	R = Invalid Result, Refer to QC Report
	LOCATION ID				008				008					
	LOCATION ID	SAMPLE ID	DEPTH		LOCATION ID	SAMPLE ID	DEPTH		LOCATION ID	SAMPLE ID	DEPTH			
SW8270 - Semivolatile Organics, cont. (mg/kg)														
1,3-Dichlorobenzene	ND	(0.0304)	[1]	ND	(0.0280)	[1]	ND	(0.0136)	[1]	ND	(0.0173)	[1]		
1,4-Dichlorobenzene	ND	(0.0249)	[1]	ND	(0.0229)	[1]	ND	(0.0279)	[1]	ND	(0.0353)	[1]		
2,4,5-Trichloropheno	ND	(0.0216)	[1]	ND	(0.0198)	[1]	ND	(0.0114)	[1]	ND	(0.0144)	[1]		
2,4,6-Trichloropheno	ND	(0.0215)	[1]	ND	(0.0197)	[1]	ND	(0.0120)	[1]	ND	(0.0153)	[1]		
2,4-Dichloropheno	ND	(0.0241)	[1]	ND	(0.0222)	[1]	ND	(0.0153)	[1]	ND	(0.0194)	[1]		
2,4-Dimethylpheno	ND	(0.0551)	[1]	ND	(0.0507)	[1]	ND	(0.0379)	[1]	ND	(0.0481)	[1]		
2,4-Dinitrophenol	ND	(0.177)	[1]	ND	(0.163)	[1]	ND	(0.241)	[1]	ND	(0.306)	[1]		
2,4-Dinitrotoluene	ND	(0.0251)	[1]	ND	(0.0230)	[1]	ND	(0.0190)	[1]	ND	(0.0240)	[1]		
2,6-Dinitrotoluene	ND	(0.0365)	[1]	ND	(0.0336)	[1]	ND	(0.0119)	[1]	ND	(0.0151)	[1]		
2-Chloronaphthalene	ND	(0.0166)	[1]	ND	(0.0153)	[1]	ND	(0.0112)	[1]	ND	(0.0142)	[1]		
2-Chloropheno	ND	(0.0269)	[1]	ND	(0.0248)	[1]	ND	(0.0263)	[1]	ND	(0.0334)	[1]		
2-Methylnaphthalene	0.0903	(0.0154)	[1]	ND	(0.0142)	[1]	ND	(0.0228)	[1]	ND	(0.0288)	[1]		
2-Methylpheno (o-cresol)	ND	(0.0131)	[1]	ND	(0.0121)	[1]	ND	(0.0184)	[1]	ND	(0.0233)	[1]		
2-Nitroaniline	ND	(0.0281)	[1]	ND	(0.0259)	[1]	ND	(0.0139)	[1]	ND	(0.0176)	[1]		
2-Nitrophenol	ND	(0.0221)	[1]	ND	(0.0204)	[1]	ND	(0.0152)	[1]	ND	(0.0192)	[1]		
3,3'-Dichlorobenzidine	ND	(0.0141)	[1]	ND	(0.0130)	[1]	ND	(0.0169)	[1]	ND	(0.0214)	[1]		
3-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0153)	[1]	ND	(0.0175)	[1]	ND	(0.0222)	[1]		
4,6-Dinitro-2-methylpheno	ND	(0.0182)	[1]	ND	(0.0168)	[1]	ND	(0.0273)	[1]	ND	(0.0346)	[1]		
4-Bromophenyl phenyl ether	ND	(0.0205)	[1]	ND	(0.0189)	[1]	ND	(0.0157)	[1]	ND	(0.0199)	[1]		
4-Chloro-3-methylpheno	ND	(0.0218)	[1]	ND	(0.0201)	[1]	ND	(0.0249)	[1]	ND	(0.0316)	[1]		
4-Chloroaniline	ND	(0.0316)	[1]	ND	(0.0291)	[1]	ND	(0.0193)	[1]	ND	(0.0244)	[1]		
4-Chlorophenyl phenyl ether	ND	(0.0179)	[1]	ND	(0.0164)	[1]	ND	(0.0182)	[1]	ND	(0.0231)	[1]		
4-Methylpheno(p-cresol)	ND	(0.0195)	[1]	ND	(0.0179)	[1]	ND	(0.0198)	[1]	ND	(0.0251)	[1]		
4-Nitroaniline	ND	(0.0257)	[1]	ND	(0.0236)	[1]	ND	(0.0167)	[1]	ND	(0.0212)	[1]		
4-Nitrophenol	ND	(0.0397)	[1]	ND	(0.0365)	[1]	ND	(0.0238)	[1]	ND	(0.0302)	[1]		

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	008		008		008	
	LOCATION ID			09-SB-01		10-SB-04		10-SB-04	
	SAMPLE ID			7.5 - 9.5		0 - 2		0 - 5	
SW8270 - Semivolatile Organics, cont. (mg/kg)									
Acenaphthene	ND	(0.0115)	[1]	ND	(0.0106)	[1]	ND	(0.0165)	[1]
Acenaphthylene	ND	(0.0177)	[1]	ND	(0.0163)	[1]	ND	(0.00779)	[1]
Anthracene	ND	(0.0156)	[1]	ND	(0.0144)	[1]	ND	(0.0200)	[1]
Benzo(a)anthracene	0.0136 J	(0.0190)	[1]	ND	(0.0175)	[1]	ND	(0.0178)	[1]
Benzo(a)pyrene	0.0183 J	(0.0220)	[1]	0.0105 J	(0.0202)	[1]	0.00940 J	(0.0132)	[1]
Benzo(b)fluoranthene	0.0203 FJ	(0.0385)	[1]	ND	(0.0354)	[1]	ND	(0.0196)	[1]
Benzo(g,h,i)perylene	ND	(0.0433)	[1]	ND	(0.0398)	[1]	0.0208	(0.0168)	[1]
Benzo(k)fluoranthene	0.0203 FJ	(0.0424)	[1]	ND	(0.0390)	[1]	0.0131 FJ	(0.0334)	[1]
Benzoic acid	ND	(1.64)	[1]	ND	(1.51)	[1]	ND	(0.137)	[1]
Benzyl alcohol	ND	(0.0259)	[1]	ND	(0.0238)	[1]	ND	(0.0372)	[1]
Butylbenzylphthalate	ND	(0.0285)	[1]	ND	(0.0244)	[1]	ND	(0.0135)	[1]
Chrysene	0.0254	(0.0228)	[1]	ND	(0.0209)	[1]	0.0144 J	(0.0231)	[1]
Di-n-butylphthalate	ND	(0.0137)	[1]	ND	(0.0126)	[1]	ND	(0.0170)	[1]
Di-n-octylphthalate	ND	(0.0149)	[1]	ND	(0.0137)	[1]	ND	(0.0314)	[1]
Dibenz(a,h)anthracene	ND	(0.0344)	[1]	ND	(0.0316)	[1]	ND	(0.0163)	[1]
Dibenzofuran	ND	(0.0228)	[1]	ND	(0.0209)	[1]	ND	(0.0141)	[1]
Diethylphthalate	ND	(0.0218)	[1]	ND	(0.0201)	[1]	ND	(0.0116)	[1]
Dimethylphthalate	ND	(0.0142)	[1]	ND	(0.0131)	[1]	ND	(0.00965)	[1]
Diphenylamine/N-NitrosoDPA	ND	(0.0114)	[1]	ND	(0.0105)	[1]	ND	(0.0195)	[1]
Fluoranthene	0.0185 J	(0.0200)	[1]	ND	(0.0184)	[1]	0.0200 J	(0.0220)	[1]
Fluorene	ND	(0.0161)	[1]	ND	(0.0148)	[1]	ND	(0.0116)	[1]
Hexachlorobenzene	ND	(0.0133)	[1]	ND	(0.0122)	[1]	ND	(0.00807)	[1]
Hexachlorobutadiene	ND	(0.0217)	[1]	ND	(0.0200)	[1]	ND	(0.0241)	[1]
Hexachlorocyclopentadiene	ND	(0.250)	[1]	ND	(0.230)	[1]	ND	(0.307)	[1]
Hexachloroethane	ND	(0.0269)	[1]	ND	(0.0248)	[1]	ND	(0.0205)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID								
	LOCATION ID		SAMPLE ID						
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)					
	008	008	008	008					
	09-SB-01	09-SB-01	10-SB-04	10-SB-04					
	09-SB-01-03	09-SB-01-04	10-SB-04-01	10-SB-04-02					
	5 - 7	7.5 - 9.5	0 - 2	3 - 5					

SW8270 - Semivolatile Organics, cont. (mg/kg)									
Indeno(1,2,3-cd)pyrene	ND	(0.0564)	[1]	ND	(0.0181)	[1]	ND	(0.0229)	[1]
Isophorone	ND	(0.0261)	[1]	ND	(0.0240)	[1]	ND	(0.00989)	[1]
N-Nitroso-di-n-propylamine	ND	(0.0277)	[1]	ND	(0.0255)	[1]	ND	(0.0259)	[1]
Naphthalene	0.115	(0.0203)	[1]	ND	(0.0186)	[1]	ND	(0.0251)	[1]
Nitrobenzene	ND	(0.0357)	[1]	ND	(0.0328)	[1]	ND	(0.0182)	[1]
Pentachlorophenol	ND	(0.0377)	[1]	ND	(0.0347)	[1]	ND	(0.0298)	[1]
Phenanthrene	0.0188	(0.0198)	[1]	ND	(0.0183)	[1]	0.00955	(0.0214)	[1]
Phenol	ND	(0.0374)	[1]	ND	(0.0344)	[1]	ND	(0.0138)	[1]
Pyrene	0.0241	(0.0173)	[1]	ND	(0.0159)	[1]	0.0182	(0.0161)	[1]
bis(2-Chloroethoxy)methane	ND	(0.0257)	[1]	ND	(0.0236)	[1]	ND	(0.0194)	[1]
bis(2-Chloroethyl)ether	ND	(0.0162)	[1]	ND	(0.0149)	[1]	ND	(0.0252)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.0338)	[1]	ND	(0.0311)	[1]	ND	(0.0250)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.0246)	[1]	ND	(0.0227)	[1]	0.0679	(0.0631)	[1]

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID									
	LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID		LOCATION ID	
	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
Diesel Range Organics (mg/kg)	008	008	008	008	008	008	008	008	008	008
Diesel Range Organics	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04
	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9	7 - 9
	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)	0.00 JB (20.0)
Gasoline Range Organics (mg/kg)	10-SB-03	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04	10-SB-04
Gasoline Range Organics	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12	10 - 12
	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)	0.00 JB (10.0)
Percent Solid (percent)	5.46	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95	4.95
Percent moisture	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)	(0.00)
SW8240 - Volatile Organics (ug/kg)										
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone(MEK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone(MIBK)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	6.20 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)	3.90 JB (100)
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008			008			008			008		
	LOCATION ID	BEG. DEPTH -	END DEPTH (FT.)	LOCATION ID	BEG. DEPTH -	END DEPTH (FT.)	LOCATION ID	BEG. DEPTH -	END DEPTH (FT.)	LOCATION ID	BEG. DEPTH -	END DEPTH (FT.)
SW8240 - Volatile Organics, cont. (ug/kg)												
Carbon tetrachloride	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Chlorobenzene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Chloroethane	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Chloroform	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Chloromethane	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Dibromochloromethane	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Ethylbenzene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Methylene chloride	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Styrene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Tetrachloroethene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Toluene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Tribromomethane(Bromoform)	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Trichloroethene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
Vinyl acetate	10-SB-04	7 - 9	(50.0)	10-SB-04	10 - 12	(60.0)	10-SB-05	0 - 2	(4000)	10-SB-05	3 - 5	(3000)
Vinyl chloride	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
cis-1,2-Dichloroethene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
cis-1,3-Dichloropropene	10-SB-04	7 - 9	(20.0)	10-SB-04	10 - 12	(20.0)	10-SB-05	0 - 2	(1000)	10-SB-05	3 - 5	(800)
m & p-Xylene	10-SB-04	7 - 9	(10.0)	10-SB-04	10 - 12	(10.0)	10-SB-05	0 - 2	(800)	10-SB-05	3 - 5	(500)
o-Xylene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
trans-1,2-Dichloroethene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
trans-1,3-Dichloropropene	10-SB-04	7 - 9	(5.00)	10-SB-04	10 - 12	(6.00)	10-SB-05	0 - 2	(400)	10-SB-05	3 - 5	(300)
SW8270 - Semivolatile Organics (mg/kg)												
1,2,4-Trichlorobenzene			(0.0208)			(0.0207)			(0.0620)			(0.745)
1,2-Dichlorobenzene			(0.0274)			(0.0272)			(0.0669)			(0.804)

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	008		008		008							
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)						
SW8270 - Semivolatile Organics, cont. (mg/kg)												
1,3-Dichlorobenzene	ND	(0.0139)	[1]	ND	(0.0138)	[1]	ND	(0.0756)	[1]	ND	(0.908)	[1]
1,4-Dichlorobenzene	ND	(0.0284)	[1]	ND	(0.0283)	[1]	ND	(0.0620)	[1]	ND	(0.745)	[1]
2,4,5-Trichloropheno	ND	(0.0116)	[1]	ND	(0.0115)	[1]	ND	(0.0536)	[1]	ND	(0.645)	[1]
2,4,6-Trichloropheno	ND	(0.0123)	[1]	ND	(0.0122)	[1]	ND	(0.0533)	[1]	ND	(0.641)	[1]
2,4-Dichloropheno	ND	(0.0156)	[1]	ND	(0.0155)	[1]	ND	(0.0600)	[1]	ND	(0.721)	[1]
2,4-Dimethylpheno	ND	(0.0387)	[1]	ND	(0.0385)	[1]	ND	(0.137)	[1]	ND	(1.65)	[1]
2,4-Dinitrophenol	ND	(0.246)	[1]	ND	(0.245)	[1]	ND	(0.440)	[1]	ND	(5.29)	[1]
2,4-Dinitrotoluene	ND	(0.0194)	[1]	ND	(0.0192)	[1]	ND	(0.0623)	[1]	ND	(0.748)	[1]
2,6-Dinitrotoluene	ND	(0.0122)	[1]	ND	(0.0121)	[1]	ND	(0.0907)	[1]	ND	(1.09)	[1]
2-Chloronaphthalene	ND	(0.0114)	[1]	ND	(0.0113)	[1]	ND	(0.0413)	[1]	ND	(0.496)	[1]
2-Chloropheno	ND	(0.0269)	[1]	ND	(0.0267)	[1]	ND	(0.0669)	[1]	ND	(0.804)	[1]
2-Methylnaphthalene	ND	(0.0232)	[1]	ND	(0.0231)	[1]	0.750	(0.0384)	[1]	36.6	(0.461)	[1]
2-Methylpheno (o-cresol)	ND	(0.0188)	[1]	ND	(0.0187)	[1]	ND	(0.0327)	[1]	ND	(0.393)	[1]
2-Nitroaniline	ND	(0.0141)	[1]	ND	(0.0141)	[1]	ND	(0.0699)	[1]	ND	(0.840)	[1]
2-Nitrophenol	ND	(0.0155)	[1]	ND	(0.0154)	[1]	ND	(0.0550)	[1]	ND	(0.661)	[1]
3,3'-Dichlorobenzidine	ND	(0.0172)	[1]	ND	(0.0171)	[1]	ND	(0.0351)	[1]	ND	(0.422)	[1]
3-Nitroaniline	ND	(0.0179)	[1]	ND	(0.0178)	[1]	ND	(0.0414)	[1]	ND	(0.498)	[1]
4,6-Dinitro-2-methylpheno	ND	(0.0279)	[1]	ND	(0.0277)	[1]	ND	(0.0453)	[1]	ND	(0.545)	[1]
4-Bromophenyl phenyl ether	ND	(0.0160)	[1]	ND	(0.0159)	[1]	ND	(0.0510)	[1]	ND	(0.613)	[1]
4-Chloro-3-methylpheno	ND	(0.0254)	[1]	ND	(0.0253)	[1]	ND	(0.0543)	[1]	ND	(0.652)	[1]
4-Chloroaniline	ND	(0.0197)	[1]	ND	(0.0196)	[1]	0.606	(0.0785)	[1]	2.38	(0.944)	[1]
4-Chlorophenyl phenyl ether	ND	(0.0186)	[1]	ND	(0.0185)	[1]	ND	(0.0444)	[1]	ND	(0.533)	[1]
4-Methylpheno(p-cresol)	ND	(0.0202)	[1]	ND	(0.0201)	[1]	ND	(0.0484)	[1]	ND	(0.581)	[1]
4-Nitroaniline	ND	(0.0170)	[1]	ND	(0.0169)	[1]	ND	(0.0639)	[1]	ND	(0.767)	[1]
4-Nitrophenol	ND	(0.0243)	[1]	ND	(0.0242)	[1]	ND	(0.0987)	[1]	ND	(1.19)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	BEG. DEPTH - END DEPTH (FT.)
	10-SB-04	10 - 12	10-SB-04	0 - 2	10-SB-05	3 - 5
	10-SB-04-03	7 - 9	10-SB-04-04	10-SB-05-01	10-SB-05-02	
SW8270 - Semivolatile Organics, cont. (mg/kg)						
Acenaphthene	ND (0.0168)	[1]	ND (0.0167)	[1]	ND (0.0287)	[1]
Acenaphthylene	ND (0.00795)	[1]	ND (0.00790)	[1]	ND (0.0440)	[1]
Anthracene	ND (0.0204)	[1]	ND (0.0203)	[1]	ND (0.0388)	[1]
Benzo(a)anthracene	ND (0.0181)	[1]	ND (0.0180)	[1]	ND (0.0473)	[1]
Benzo(a)pyrene	ND (0.0135)	[1]	ND (0.0134)	[1]	ND (0.0546)	[1]
Benzo(b)fluoranthene	ND (0.0200)	[1]	ND (0.0199)	[1]	ND (0.0957)	[1]
Benzo(g,h,i)perylene	ND (0.0171)	[1]	ND (0.0170)	[1]	ND (0.107)	[1]
Benzo(k)fluoranthene	ND (0.0341)	[1]	ND (0.0339)	[1]	ND (0.105)	[1]
Benzoic acid	ND (0.139)	[1]	ND (0.139)	[1]	ND (4.07)	[1]
Benzyl alcohol	ND (0.0380)	[1]	ND (0.0378)	[1]	ND (0.0643)	[1]
Butylbenzylphthalate	ND (0.0138)	[1]	ND (0.0137)	[1]	ND (0.0659)	[1]
Chrysene	ND (0.0235)	[1]	ND (0.0234)	[1]	ND (0.0566)	[1]
Di-n-butylphthalate	ND (0.0173)	[1]	ND (0.0172)	[1]	ND (0.0341)	[1]
Di-n-octylphthalate	ND (0.0321)	[1]	ND (0.0319)	[1]	ND (0.0371)	[1]
Dibenz(a,h)anthracene	ND (0.0167)	[1]	ND (0.0166)	[1]	ND (0.0855)	[1]
Dibenzofuran	ND (0.0144)	[1]	ND (0.0143)	[1]	ND (0.0566)	[1]
Diethylphthalate	ND (0.0118)	[1]	ND (0.0118)	[1]	ND (0.0543)	[1]
Dimethylphthalate	ND (0.00985)	[1]	ND (0.00979)	[1]	ND (0.0354)	[1]
Diphenylamine/N-NitrosobPA	ND (0.0199)	[1]	ND (0.0198)	[1]	ND (0.0283)	[1]
Fluoranthene	ND (0.0224)	[1]	ND (0.0223)	[1]	ND (0.0496)	[1]
Fluorene	ND (0.0118)	[1]	ND (0.0118)	[1]	0.0183 J	[1]
Hexachlorobenzene	ND (0.00823)	[1]	ND (0.00818)	[1]	0.111	[1]
Hexachlorobutadiene	ND (0.0246)	[1]	ND (0.0244)	[1]	ND (0.0331)	[1]
Hexachlorocyclopentadiene	ND (0.314)	[1]	ND (0.312)	[1]	ND (0.0540)	[1]
Hexachloroethane	ND (0.0209)	[1]	ND (0.0208)	[1]	ND (0.621)	[1]
					ND (0.0669)	[1]
					ND (1.29)	[1]
					ND (0.680)	[1]
					ND (0.652)	[1]
					ND (0.426)	[1]
					ND (0.341)	[1]
					ND (0.597)	[1]
					ND (0.481)	[1]
					ND (0.398)	[1]
					ND (0.648)	[1]
					ND (7.46)	[1]
					ND (0.804)	[1]

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			BEG. DEPTH - END DEPTH (FT.)	DILUTION FACTOR	DETECTION LIMIT (mg/kg)	CONCENTRATION (mg/kg)	REMARKS
	LOCATION ID	LOCATION ID	LOCATION ID					
	SAMPLE ID	SAMPLE ID	SAMPLE ID					
SW8270 - Semivolatile Organics, cont. (mg/kg)								
Indeno(1,2,3-cd)pyrene	008	008	008					
Isophorone	10-SB-04	10-SB-04	10-SB-05					
N-Nitroso-di-n-propylamine	10-SB-04-03	10-SB-04-04	10-SB-05-01					
Naphthalene	7 - 9	10 - 12	0 - 2					
Nitrobenzene								
Pentachloropheno1								
Phenanthrene								
Pheno1								
Pyrene								
bis(2-Chloroethoxy)methane								
bis(2-Chloroethyl)ether								
bis(2-Chloroisopropyl)ether								
bis(2-Ethylhexyl)phthalate								

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	DILUTION FACTOR	DETECTION LIMIT	NOT DETECTED	NOT APPLICABLE	INVALID RESULT	REFER TO QC REPORT			
	LOCATION ID	SAMPLE ID										
Diesel Range Organics (mg/kg)	490	(20.0)	[10]	1800	(20.0)	[10]	4400	(20.0)	[10]	NA		
Diesel Range Organics	7300	(10.0)	[100]	2200	(10.0)	[100]	4600	(10.0)	[50]	NA		
Gasoline Range Organics (mg/kg)	25.2	(0.00)	[1]	13.1	(0.00)	[1]	7.84	(0.00)	[1]	16.6	(0.00)	[1]
Percent Solid (percent)												
Percent moisture												
SW8240 - Volatile Organics (ug/kg)												
1,1,1-Trichloroethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,1,2,2-Tetrachloroethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,1,2-Trichloroethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,1-Dichloroethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,1-Dichloroethene	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,2-Dichloroethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
1,2-Dichloropropane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
2-Butanone(MEK)	ND	(7000)	[10]	ND	(6000)	[10]	ND	(12000)	[20]	NA		
2-Chloroethyl vinyl ether	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
2-Hexanone	ND	(7000)	[10]	ND	(6000)	[10]	ND	(12000)	[20]	NA		
4-Methyl-2-pentanone(MIBK)	ND	(7000)	[10]	ND	(6000)	[10]	ND	(12000)	[20]	NA		
Acetone	ND	(27000)	[10]	ND	(22000)	[10]	ND	(47000)	[20]	NA		
Benzene	15000	(1000)	[10]	14000	(1000)	[10]	66000	(2000)	[20]	NA		
Bromodichloromethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		
Bromomethane	ND	(1000)	[10]	ND	(1000)	[10]	ND	(2000)	[20]	NA		

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID		SAMPLE ID		
	008	008	008	008	
	10-SB-05	10-SB-05	10-SB-05	10-SB-05	0 - 0.5
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SB-05-04	
	10-SB-05-02				
	3 - 5	8 - 10	11 - 13		

SW8240 - Volatile Organics, cont. (ug/kg)					
Carbon disulfide	ND	(	(	(	NA
Carbon tetrachloride	ND	(	(	(	NA
Chlorobenzene	ND	(	(	(	NA
Chloroethane	ND	(	(	(	NA
Chloroform	ND	(	(	(	NA
Chloromethane	ND	(	(	(	NA
Dibromochloromethane	ND	(	(	(	NA
Ethylbenzene	24000	(	(	(	NA
Methylene chloride	ND	(	(	(	NA
Styrene	ND	(	(	(	NA
Tetrachloroethene	ND	(	(	(	NA
Toluene	97000	(	(	(	NA
Tribromomethane(Bromoform)	ND	(	(	(	NA
Trichloroethene	ND	(	(	(	NA
Vinyl acetate	ND	(	(	(	NA
Vinyl chloride	ND	(	(	(	NA
cis-1,2-Dichloroethene	ND	(	(	(	NA
cis-1,3-Dichloropropene	ND	(	(	(	NA
m & p-Xylene	84000	(	(	(	NA
o-Xylene	23000	(	(	(	NA
trans-1,2-Dichloroethene	ND	(	(	(	NA
trans-1,3-Dichloropropene	ND	(	(	(	NA

SW8270 - Semivolatile Organics (mg/kg)

Compiled: 17 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	008		008		008	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05	10-SB-05
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SB-05-04	10-SB-05-04	10-SB-07-01
	10-SB-05-02					
	3 - 5	8 - 10	11 - 13			0 - 0.5
	BEG. DEPTH - END DEPTH (FT.)					
SW8270 - Semivolatile Organics, cont. (mg/kg)						
1,2,4-Trichlorobenzene	ND (0.763) [1]	ND (0.550) [1]	ND (0.560) [1]	NA		NA
1,2-Dichlorobenzene	ND (0.824) [1]	ND (0.594) [1]	ND (0.604) [1]	NA		NA
1,3-Dichlorobenzene	ND (0.931) [1]	ND (0.671) [1]	ND (0.682) [1]	NA		NA
1,4-Dichlorobenzene	ND (0.763) [1]	ND (0.550) [1]	ND (0.560) [1]	NA		NA
2,4,5-Trichlorophenol	ND (0.661) [1]	ND (0.476) [1]	ND (0.484) [1]	NA		NA
2,4,6-Trichlorophenol	ND (0.657) [1]	ND (0.473) [1]	ND (0.482) [1]	NA		NA
2,4-Dichlorophenol	ND (0.739) [1]	ND (0.532) [1]	ND (0.542) [1]	NA		NA
2,4-Dimethylphenol	ND (1.69) [1]	ND (1.22) [1]	ND (1.24) [1]	NA		NA
2,4-Dinitrophenol	ND (5.43) [1]	ND (3.91) [1]	ND (3.98) [1]	NA		NA
2,4-Dinitrotoluene	ND (0.767) [1]	ND (0.553) [1]	ND (0.563) [1]	NA		NA
2,6-Dinitrotoluene	ND (1.12) [1]	ND (0.806) [1]	ND (0.820) [1]	NA		NA
2-Chloronaphthalene	ND (0.509) [1]	ND (0.367) [1]	ND (0.373) [1]	NA		NA
2-Chlorophenol	ND (0.824) [1]	ND (0.594) [1]	ND (0.604) [1]	NA		NA
2-Methylnaphthalene	29.3 (0.472) [1]	9.59 (0.341) [1]	ND (0.346) [1]	NA		NA
2-Methylphenol (o-cresol)	ND (0.402) [1]	ND (0.290) [1]	ND (0.295) [1]	NA		NA
2-Nitroaniline	ND (0.861) [1]	ND (0.620) [1]	ND (0.631) [1]	NA		NA
2-Nitrophenol	ND (0.678) [1]	ND (0.488) [1]	ND (0.497) [1]	NA		NA
3,3'-Dichlorobenzidine	ND (0.432) [1]	ND (0.312) [1]	ND (0.317) [1]	NA		NA
3-Nitroaniline	ND (0.510) [1]	ND (0.368) [1]	ND (0.374) [1]	NA		NA
4,6-Dinitro-2-methylphenol	ND (0.558) [1]	ND (0.402) [1]	ND (0.409) [1]	NA		NA
4-Bromophenyl phenyl ether	ND (0.628) [1]	ND (0.453) [1]	ND (0.461) [1]	NA		NA
4-Chloro-3-methylphenol	ND (0.668) [1]	ND (0.482) [1]	ND (0.490) [1]	NA		NA
4-Chloroaniline	1.88 (0.967) [1]	ND (0.697) [1]	ND (0.709) [1]	NA		NA
4-Chlorophenyl phenyl ether	ND (0.546) [1]	ND (0.394) [1]	ND (0.401) [1]	NA		NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
	008	008	008	008
	10-SB-05	10-SB-05	10-SB-05	10-SS-07
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SS-07-01
	10-SB-05-02			
	3 - 5	8 - 10	11 - 13	0 - 0.5
SW8270 - Semivolatile Organics, cont. (mg/kg)				
4-Methylphenol(p-cresol)	ND	(0.429)	(0.437)	NA
4-Nitroaniline	ND	(0.567)	(0.577)	NA
4-Nitrophenol	ND	(0.877)	(0.892)	NA
Acenaphthene	ND	(0.254)	(0.259)	NA
Acenaphthylene	ND	(0.391)	(0.398)	NA
Anthracene	ND	(0.344)	(0.350)	NA
Benzo(a)anthracene	ND	(0.420)	(0.427)	NA
Benzo(a)pyrene	ND	(0.485)	(0.493)	NA
Benzo(b)fluoranthene	ND	(0.849)	(0.864)	NA
Benzo(g,h,i)perylene	ND	(0.954)	(0.971)	NA
Benzo(k)fluoranthene	ND	(0.935)	(0.951)	NA
Benzoic acid	ND	(36.1)	(36.7)	NA
Benzyl alcohol	ND	(0.571)	(0.581)	NA
Butylbenzylphthalate	ND	(0.585)	(0.595)	NA
Chrysene	ND	(0.502)	(0.511)	NA
Di-n-butylphthalate	ND	(0.303)	(0.308)	NA
Di-n-octylphthalate	ND	(0.329)	(0.335)	NA
Dibenz(a,h)anthracene	ND	(0.759)	(0.772)	NA
Dibenzofuran	0.996	(0.502)	(0.511)	NA
Diethylphthalate	ND	(0.482)	(0.490)	NA
Dimethylphthalate	ND	(0.314)	(0.320)	NA
Diphenylamine/N-NitrosodPA	ND	(0.252)	(0.256)	NA
Fluoranthene	ND	(0.441)	(0.448)	NA
Fluorene	0.850	(0.356)	(0.362)	NA

Compiled: 17 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
	008	008	008	008
	10-SB-05	10-SB-05	10-SB-05	10-SS-07
	10-SB-05-DS-02 Dup of	10-SB-05-03	10-SB-05-04	10-SS-07-01
	10-SB-05-02			
	3 - 5	8 - 10	11 - 13	0 - 0.5

SW8270 - Semivolatile Organics, cont. (mg/kg)				
Hexachlorobenzene	ND (0.408) [1]	ND (0.294) [1]	ND (0.299) [1]	NA
Hexachlorobutadiene	ND (0.665) [1]	ND (0.479) [1]	ND (0.487) [1]	NA
Hexachlorocyclopentadiene	ND (7.64) [1]	ND (5.51) [1]	ND (5.61) [1]	NA
Hexachloroethane	ND (0.824) [1]	ND (0.594) [1]	ND (0.604) [1]	NA
Indeno(1,2,3-cd)pyrene	ND (1.73) [1]	ND (1.24) [1]	ND (1.27) [1]	NA
Isophorone	ND (0.800) [1]	ND (0.576) [1]	ND (0.586) [1]	NA
N-Nitroso-di-n-propylamine	ND (0.849) [1]	ND (0.612) [1]	ND (0.622) [1]	NA
Naphthalene	18.1 (0.620) [1]	3.18 (0.447) [1]	1.68 (0.455) [1]	NA
Nitrobenzene	ND (1.09) [1]	ND (0.788) [1]	ND (0.801) [1]	NA
Pentachlorophenol	ND (1.15) [1]	ND (0.832) [1]	ND (0.846) [1]	NA
Phenanthrene	ND (0.607) [1]	0.261 J (0.438) [1]	ND (0.445) [1]	NA
Phenol	ND (1.15) [1]	ND (0.826) [1]	ND (0.840) [1]	NA
Pyrene	ND (0.530) [1]	ND (0.382) [1]	ND (0.388) [1]	NA
bis(2-Chloroethoxy)methane	ND (0.787) [1]	ND (0.567) [1]	ND (0.577) [1]	NA
bis(2-Chloroethyl) ether	ND (0.497) [1]	ND (0.358) [1]	ND (0.365) [1]	NA
bis(2-Chloroisopropyl) ether	ND (1.04) [1]	ND (0.747) [1]	ND (0.760) [1]	NA
bis(2-Ethylhexyl) phthalate	ND (0.754) [1]	ND (0.544) [1]	ND (0.553) [1]	NA

Compiled: 17 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A9-87

TABLE A9

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	[1]	[1]	[1]	[1]				
	008	008	10-SS-11	10-SS-12	11-SS-02	11-SS-03										
Percent Solid (percent)	19.8	(	0.00)	[1]	7.21	(	0.00)	[1]	11.4	(	0.00)	[1]	9.86	(	0.00)	[1]
Percent moisture																

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	BEG. DEPTH -	END DEPTH (FT.)		
SW7060 - Arsenic (mg/kg)	005	005	005	005
	05-SB-04	05-SB-04	05-SB-04	05-SB-04
	05-SB-04-01	05-SB-04-02	05-SB-04-03	05-SB-04-04
	0 - 2	2.5 - 4.5	5 - 7	7.5 - 9.5
Arsenic	4.02 (0.0780) [1]	4.16 (0.0812) [1]	6.95 (0.175) [2]	9.81 (0.163) [2]
SW7421 - Lead (mg/kg)				
	3.58 (0.0919) [1]	7.04 (0.192) [2]	10.9 (0.206) [2]	9.09 (0.193) [2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	005	005	005	005	005	005	005	005
SW7060 - Arsenic (mg/kg)	05-SB-05	05-SB-05	05-SB-05	05-SB-05	05-SB-05	05-SB-05	05-SB-05	05-SB-05
Arsenic	05-SB-05-01	05-SB-05-02	05-SB-05-02	05-SB-05-02 Dup of	05-SB-05-02	05-SB-05-02	05-SB-05-03	05-SB-05-03
SW7421 - Lead (mg/kg)	0 - 2	4 - 6	4 - 6	6 - 8	6 - 8	10 - 12		
Lead	4.02 (0.0682) [1]	7.11 (0.203) [2]	6.34 (0.103) [1]	8.29 (0.159) [2]	6.25 (0.243) [2]	5.00 (0.0934) [1]		

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)
SW7060 - Arsenic (mg/kg) Arsenic	005	005	005	005
	05-SB-05	05-SB-06	05-SB-06	05-SB-06
	05-SB-05-04 14 - 16	05-SB-06-01 0 - 2	05-SB-06-02 4 - 6	05-SB-06-03 8 - 10
SW7421 - Lead (mg/kg) Lead	7.09 (0.103) [1]	33.7 (0.879) [10]	5.41 (0.0929) [1]	11.2 (0.187) [2]
	5.46 (0.122) [1]	45.2 (1.04) [10]	11.8 (0.219) [2]	9.00 (0.221) [2]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID																				
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)		BEG. DEPTH - END DEPTH (FT.)												
	005	005	005	005	005	005	005	005	005	005											
SW7060 - Arsenic (mg/kg)	05-S8-06	05-SS-16	05-SS-17	05-SS-18	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
Arsenic	10.7	(	0.199)	[2]	6.76	(	0.117)	[2]	10.5	(	0.152)	[2]	7.35	(	0.124)	[2]	105	(	2.88)	[40]
SW7421 - Lead (mg/kg)	05-SB-06-04	05-SS-16-01	05-SS-17-01	05-SS-18-01	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	
Lead	7.62	(0.234)	[2]	4.60	(0.147)	[2]	287	(7.65)	[100]	105	(2.88)	[40]					

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	005		005		005		005					
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5				
	()	()	()	()				
SW7060 - Arsenic (mg/kg)	9.74	(0.132)	[2]	5.75	(0.126)	[2]	5.40	(0.138)	[2]	9.59	(0.153)	[2]
Arsenic												
SW7421 - Lead (mg/kg)	26.6	(0.820)	[10]	7.37	(0.227)	[4]	6.64	(0.295)	[4]	16.4	(0.771)	[10]
Lead												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID	SAMPLE ID	008	008	008				
	005	008										
SW7060 - Arsenic (mg/kg)	05-SS-22	06-SB-03		06-SB-03	06-SB-03	06-SB-03	06-SB-03	06-SB-03				
	05-SS-22-01	06-SB-03-01	0 - 0.5	0 - 0.2	06-SB-03-02	06-SB-03-03	06-SB-03-03	06-SB-03-03				
					4 - 6	8 - 10						
SW7421 - Lead (mg/kg)	5.65	(0.144)	[2]	7.51	(0.126)	[2]	6.52	(0.122)	[2]	8.23	(0.163)	[2]
	69.7	(2.65)	[40]	76.8	(1.76)	[20]	16.2	(0.849)	[10]	19.0	(0.455)	[4]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008
	06-SB-03	06-SB-03	06-SS-07	06-SS-08
	06-SB-03-DS-03 Dup of 06-SB-03-03	06-SB-03-04	06-SS-07-01	06-SS-08-01
	8 - 10	14 - 16	0 - 0.5	0 - 0.5
SW7421 - Lead (mg/kg) Lead	8.01 (0.158) [2]	4.32 (0.119) [2]	5.93 (0.126) [2]	7.28 (0.132) [2]
	17.6 (0.441) [4]	4.05 (0.165) [2]	469 (17.5) [200]	852 (18.4) [200]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008
	06-SS-09	06-SS-10	06-SS-11	06-SS-11
	06-SS-09-01	06-SS-10-01	06-SS-11-01	06-SS-11-DS-01 Dup of 06-SS-11-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5

SW7421 - Lead (mg/kg) Lead	9.68	(0.130) [2]	4.83	(0.129) [2]
	35.6	(0.904) [10]	30.6	(0.899) [10]
			5.70	(0.153) [2]
			28.7	(1.07) [10]
			49.1	S (1.74) [20]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)
	LOCATION ID	LOCATION ID			LOCATION ID	LOCATION ID	
	SAMPLE ID	SAMPLE ID			SAMPLE ID	SAMPLE ID	
SW6010 - Metals (mg/kg)							
Aluminum	008	008	0 - 0.5	008	008	0 - 0.5	4810 (7.46) [1]
Antimony	06-SS-12	06-SS-13	0 - 0.5	06-SS-14	06-SS-14-01	0 - 0.5	-1.91 JB (1.96) [1]
Arsenic	06-SS-12-01	06-SS-13-01	0 - 0.5	06-SS-14-01	06-SS-14-01	0 - 0.5	-3.36 J (1.61) [1]
Barium							144 (0.0589) [1]
Beryllium							0.154 (0.0599) [1]
Cadmium							0.270 JB (0.292) [1]
Calcium							6070 (24.2) [1]
Chromium							11.4 (0.278) [1]
Cobalt							4.22 (0.531) [1]
Copper							16.6 (0.251) [1]
Iron							11700 (31.7) [1]
Lead							8.05 (2.51) [1]
Magnesium							3440 (2.78) [1]
Manganese							136 (0.0120) [1]
Molybdenum							0.438 B (0.267) [1]
Nickel							12.7 (1.11) [1]
Potassium							470 (35.2) [1]
Selenium							4.67 (4.50) [1]
Silver							-0.432 JB (0.186) [1]
Sodium							338 (2.64) [1]
Thallium							1.13 JB (7.06) [1]
Vanadium							19.7 (0.438) [1]
Zinc							59.9 (0.296) [1]

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic, cont. (mg/kg)				
Arsenic	11.4 (0.143) [2]	10.8 (0.154) [2]	9.07 (0.141) [2]	5.72 (0.172) [2]
SW7421 - Lead (mg/kg)				
Lead	16.0 S (0.999) [10]	32.9 S (1.07) [10]	11.3 S (0.393) [4]	8.90 (0.239) [2]
SW7471 - Mercury (mg/kg)				
Mercury	NA	NA	NA	0.0133 J (0.0160) [1]
SW7740 - Selenium (mg/kg)				
Selenium	NA	NA	NA	0.337 (0.126) [1]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)	
	3	3	3	3	0 - 0.5	0 - 0.5
SW6010 - Metals (mg/kg)	07-SD-03	07-SD-04	07-SD-05	07-SD-06	07-SD-05-01	07-SD-06-01
	07-SD-03-DS-01 Dup of	07-SD-04-01	07-SD-05-01	07-SD-06-01		
	07-SD-03-01					
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Aluminum	5700 (7.46) [1]	9580 (20.1) [1]	7190 (17.6) [1]	7190 (17.2) [1]		
Antimony	-3.08 JB (1.96) [1]	-5.62 JB (5.29) [1]	-7.74 JB (4.63) [1]	-2.79 JB (4.53) [1]		
Arsenic	-2.61 J (1.61) [1]	-7.33 J (4.33) [1]	-1.75 J (3.79) [1]	-3.12 J (3.71) [1]		
Barium	164 (0.0589) [1]	306 (0.159) [1]	391 (0.139) [1]	290 (0.136) [1]		
Beryllium	0.211 (0.0599) [1]	0.252 (0.162) [1]	0.161 (0.141) [1]	0.143 (0.138) [1]		
Cadmium	0.517 B (0.292) [1]	0.546 JB (0.787) [1]	0.295 JB (0.688) [1]	0.610 JB (0.674) [1]		
Calcium	7550 (24.2) [1]	8470 (65.3) [1]	12700 (57.1) [1]	12000 (55.9) [1]		
Chromium	13.4 (0.278) [1]	20.7 (0.749) [1]	14.8 (0.655) [1]	14.1 (0.641) [1]		
Cobalt	4.59 (0.531) [1]	8.53 (1.43) [1]	4.21 (1.25) [1]	7.02 (1.23) [1]		
Copper	21.1 (0.251) [1]	24.4 (0.678) [1]	17.0 (0.592) [1]	15.5 (0.580) [1]		
Iron	13200 (31.7) [1]	20400 (85.3) [1]	35100 (74.6) [1]	24600 (73.0) [1]		
Lead	12.7 (2.51) [1]	16.5 (6.78) [1]	4.81 J (5.92) [1]	6.47 (5.80) [1]		
Magnesium	4000 (2.78) [1]	5080 (7.49) [1]	3270 (6.55) [1]	3420 (6.41) [1]		
Manganese	145 (0.0120) [1]	137 (0.0324) [1]	248 (0.0283) [1]	257 (0.0277) [1]		
Molybdenum	0.637 (0.267) [1]	1.47 (0.719) [1]	1.14 (0.628) [1]	1.19 (0.615) [1]		
Nickel	15.9 (1.11) [1]	22.7 (2.99) [1]	13.4 (2.61) [1]	16.4 (2.56) [1]		
Potassium	525 (35.2) [1]	777 (94.9) [1]	402 (83.0) [1]	470 (81.2) [1]		
Selenium	4.30 J (4.50) [1]	7.94 J (12.1) [1]	7.71 J (10.6) [1]	8.73 J (10.4) [1]		
Silver	-0.551 JB (0.186) [1]	-1.17 JB (0.502) [1]	-0.899 JB (0.439) [1]	-0.735 JB (0.430) [1]		
Sodium	334 (2.64) [1]	1080 (7.11) [1]	838 (6.21) [1]	807 (6.08) [1]		
Thallium	1.16 JB (7.06) [1]	-3.60 JB (19.0) [1]	1.45 JB (16.6) [1]	1.36 JB (16.3) [1]		
Vanadium	23.0 (0.438) [1]	31.9 (1.18) [1]	27.5 (1.03) [1]	25.4 (1.01) [1]		
Zinc	73.2 (0.296) [1]	132 (0.798) [1]	45.2 (0.698) [1]	45.0 (0.683) [1]		

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID							
	LOCATION ID		LOCATION ID		LOCATION ID			
	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	SAMPLE ID		
SW7060 - Arsenic (mg/kg)	3.30	(0.165) [2]	8.41	(0.437) [2]	32.3	(0.443) [2]	15.1	(0.376) [2]
Arsenic								
SW7421 - Lead (mg/kg)	6.33	(0.115) [1]	14.8	(0.304) [1]	7.48	(0.308) [1]	6.74	(0.262) [1]
Lead								
SW7471 - Mercury (mg/kg)	0.0267	(0.0160) [1]	0.00	JB (0.0444) [1]	-0.00833	JB (0.0400) [1]	-0.00833	JB (0.0400) [1]
Mercury								
SW7740 - Selenium (mg/kg)	0.261	(0.121) [1]	0.940	(0.321) [1]	1.48	(0.325) [1]	0.548	(0.276) [1]
Selenium								

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	3			3			3			07A		
	07-SD-07 0 - 0.5	07-SS-06 0 - 0.5	07-SS-07 0 - 0.5	07-SD-07 0 - 0.5	07-SS-06 0 - 0.5	07-SS-07 0 - 0.5	07A-SB-01 0 - 1.5	07A-SB-01 0 - 1.5	07A-SB-01 0 - 1.5	07A-SB-01 0 - 1.5	07A-SB-01 0 - 1.5	07A-SB-01 0 - 1.5
SW6010 - Metals (mg/kg)												
Aluminum	6190	8110	10600	8110	7.62	7.12	10900	7.12	10900	18.7	18.7	[1]
Antimony	-2.63 JB	-7.39 JB	-3.56 JB	-7.39 JB	2.01	1.88	-5.56 JB	1.88	-5.56 JB	4.92	4.92	[1]
Arsenic	0.741 J	-2.14 J	0.965 J	-2.14 J	1.64	1.54	-11.9 J	1.54	-11.9 J	4.03	4.03	[1]
Barium	256	204	277	204	0.0602	0.0563	351	0.0563	351	0.148	0.148	[1]
Beryllium	0.282	0.273	0.279	0.273	0.0612	0.0572	0.349	0.0572	0.349	0.150	0.150	[1]
Cadmium	0.409 B	0.180 JB	0.361 B	0.180 JB	0.298	0.279	0.260 JB	0.279	0.260 JB	0.732	0.732	[1]
Calcium	8320	12200	7180	12200	24.7	23.1	19400	23.1	19400	60.7	60.7	[1]
Chromium	14.2	16.6	20.7	16.6	0.284	0.265	20.9	0.265	20.9	0.696	0.696	[1]
Cobalt	5.47	7.80	8.71	7.80	0.543	0.507	11.2	0.507	11.2	1.33	1.33	[1]
Copper	24.3	19.5	22.5	19.5	0.257	0.240	25.7	0.240	25.7	0.630	0.630	[1]
Iron	14900	17300	21300	17300	32.3	30.2	30700	30.2	30700	79.3	79.3	[1]
Lead	8.74	8.19	12.1	8.19	2.57	2.40	7.66	2.40	7.66	6.30	6.30	[1]
Magnesium	2610	5550	5410	5550	2.84	2.65	3960	2.65	3960	6.96	6.96	[1]
Manganese	170	545	257	545	0.0123	0.0115	521	0.0115	521	0.0301	0.0301	[1]
Molybdenum	1.02	0.723	1.13	0.723	0.272	0.255	1.22	0.255	1.22	0.668	0.668	[1]
Nickel	14.1	21.9	25.3	21.9	1.13	1.06	27.5	1.06	27.5	2.78	2.78	[1]
Potassium	417	608	745	608	36.0	33.6	396	33.6	396	88.3	88.3	[1]
Selenium	5.79	6.74	9.38	6.74	4.59	4.30	17.4	4.30	17.4	11.3	11.3	[1]
Silver	-0.395 JB	-0.679 JB	-0.587 JB	-0.679 JB	0.190	0.178	-1.05 JB	0.178	-1.05 JB	0.467	0.467	[1]
Sodium	387	164	553	164	2.69	2.52	264	2.52	264	6.61	6.61	[1]
Thallium	0.833 JB	-2.99 JB	0.813 JB	-2.99 JB	7.21	6.74	-0.411 JB	6.74	-0.411 JB	17.7	17.7	[1]
Vanadium	42.7	30.0	37.2	30.0	0.447	0.418	38.2	0.418	38.2	1.10	1.10	[1]
Zinc	46.2	52.6	68.4	52.6	0.302	0.283	39.4	0.283	39.4	0.742	0.742	[1]

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)												
	3	3	07-SS-06	07-SS-07	07A-SB-01	07A-SB-01	0 - 0.5	0 - 1.5											
	07-SD-07	07-SS-06	07-SS-06-01	07-SS-07-01	07A-SB-01-01	07A-SB-01-01	0 - 0.5	0 - 1.5											
SW7060 - Arsenic, cont. (mg/kg)	8.71	(	0.221)	[2]	10.4	(	0.161)	[2]	8.04	(	0.188)	[2]	10.3	(	0.460)	[2]
Arsenic																			
SW7421 - Lead (mg/kg)	7.58	(	0.154)	[1]	6.13	(	0.112)	[1]	6.46	(	0.131)	[1]	9.65	(	0.531)	[2]
Lead																			
SW7471 - Mercury (mg/kg)	-0.00431	JB	(0.0207)	[1]	0.0203	(0.0162)	[1]	0.0143	J	(0.0171)	[1]	-0.0268	JB	(0.0429)	[1]
Mercury																			
SW7740 - Selenium (mg/kg)	0.350	(0.163)	[1]	-3.01	JB	(0.118)	[1]	1.29	(0.138)	[1]	2.29	(0.286)	[1]		
Selenium																			

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID					
	07A		07A		07A	
	07A-SB-01 07A-SB-01-02	07A-SB-02 07A-SB-02-01	07A-SB-02 07A-SB-02-02	07A-SB-02 07A-SB-02-02	07A-SB-02-DS-02 Dup of 07A-SB-02-02	07A-SB-02-02 1.5 - 2
	1.5 - 2.2	0.8 - 1.5	1.5 - 2	1.5 - 2		
	BEG. DEPTH - END DEPTH (FT.)					
SW6010 - Metals (mg/kg)						
Aluminum	9950 (7.02) [1]	3910 (8.54) [1]	8640 (7.83) [1]	7600 (7.12) [1]		
Antimony	-1.78 JB (1.85) [1]	-2.15 JB (2.25) [1]	-1.45 JB (2.06) [1]	0.0942 JB (1.88) [1]		
Arsenic	2.26 (1.51) [1]	-0.424 J (1.84) [1]	1.36 J (1.69) [1]	3.50 (1.54) [1]		
Barium	215 (0.0555) [1]	127 (0.0675) [1]	141 (0.0619) [1]	152 (0.0563) [1]		
Beryllium	0.348 (0.0564) [1]	0.0548 JB (0.0686) [1]	0.203 (0.0629) [1]	0.243 (0.0572) [1]		
Cadmium	0.142 JB (0.275) [1]	-0.0746 JB (0.334) [1]	0.119 JB (0.307) [1]	0.113 JB (0.279) [1]		
Calcium	4040 (22.8) [1]	8370 (27.7) [1]	3490 (25.4) [1]	3410 (23.1) [1]		
Chromium	18.5 (0.262) [1]	8.08 (0.318) [1]	16.3 (0.292) [1]	14.4 (0.265) [1]		
Cobalt	6.77 (0.500) [1]	4.37 (0.608) [1]	4.38 (0.558) [1]	3.71 (0.507) [1]		
Copper	15.1 (0.237) [1]	7.18 (0.288) [1]	10.6 (0.264) [1]	9.77 (0.240) [1]		
Iron	12200 (29.8) [1]	11200 (36.2) [1]	10200 (33.2) [1]	8450 (30.2) [1]		
Lead	7.96 (2.37) [1]	2.85 J (2.88) [1]	7.43 (2.64) [1]	6.29 (2.40) [1]		
Magnesium	2640 (2.62) [1]	1830 (3.18) [1]	2740 (2.92) [1]	2150 (2.65) [1]		
Manganese	147 (0.0113) [1]	768 (0.0138) [1]	148 (0.0126) [1]	149 (0.0115) [1]		
Molybdenum	0.579 (0.251) [1]	0.766 (0.305) [1]	0.252 JB (0.280) [1]	0.554 B (0.255) [1]		
Nickel	18.1 (1.04) [1]	10.5 (1.27) [1]	12.2 (1.16) [1]	11.2 (1.06) [1]		
Potassium	322 (33.2) [1]	177 (40.3) [1]	360 (37.0) [1]	248 (33.6) [1]		
Selenium	6.16 (4.23) [1]	4.54 J (5.15) [1]	3.84 J (4.72) [1]	1.41 J (4.29) [1]		
Silver	-0.444 JB (0.175) [1]	-0.359 JB (0.213) [1]	-0.312 JB (0.196) [1]	-0.162 JB (0.178) [1]		
Sodium	107 (2.48) [1]	89.6 (3.02) [1]	95.0 (2.77) [1]	81.5 (2.52) [1]		
Thallium	0.0364 JB (6.65) [1]	0.678 JB (8.09) [1]	-1.23 JB (7.41) [1]	-2.73 JB (6.74) [1]		
Vanadium	40.7 (0.412) [1]	13.8 (0.501) [1]	25.6 (0.459) [1]	23.5 (0.418) [1]		
Zinc	36.4 (0.279) [1]	18.0 (0.339) [1]	28.9 (0.311) [1]	22.4 (0.283) [1]		

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

R = Invalid Result, Refer to QC Report

A10-15

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	LOCATION ID		SAMPLE ID								BEG. DEPTH - END DEPTH (FT.)
	07A	07A	07A-SB-01	07A-SB-02	07A-SB-02-01	07A-SB-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02	07A-SB-02-02 Dup of	
	1.5 - 2.2	0.8 - 1.5	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	1.5 - 2	
SW7060 - Arsenic (mg/kg)	4.46 (0.176) [2]	3.68 (0.224) [2]	2.64 (0.0989) [1]	5.90 (0.187) [2]							
Arsenic											
SW7421 - Lead (mg/kg)	7.88 (0.433) [4]	5.05 (0.253) [2]	6.63 (0.228) [2]	6.13 (0.450) [4]							
Lead											
SW7471 - Mercury (mg/kg)	-0.0176 JB (0.0169) [1]	-0.0154 JB (0.0185) [1]	-0.0556 JB (0.0167) [1]	0.00342 JB (0.0164) [1]							
Mercury											
SW7740 - Selenium (mg/kg)	3.26 (0.110) [1]	0.865 (0.139) [1]	2.29 (0.123) [1]	2.34 (0.116) [1]							
Selenium											

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	[1]	Dilution Factor	ND = Not Detected	MA = Not Applicable	R = Invalid Result, Refer to QC Report				
	07A		07A								07A		07A	
	LOCATION ID	07A-SS-01	07A-SS-02	07A-SS-02-01							LOCATION ID	07A-SS-01	07A-SS-02	07A-SS-02-01
SW6010 - Metals (mg/kg)														
Aluminum	6330	(7.75)	[1]	2470	(47.7)	[1]		NA	NA					
Antimony	-4.34	JB (2.04)	[1]	-18.0	JB (12.6)	[1]		NA	NA					
Arsenic	-1.57	J (1.67)	[1]	-92.4	J (10.3)	[1]		NA	NA					
Barium	134	(0.0612)	[1]	1940	(0.377)	[1]		NA	NA					
Beryllium	0.145	(0.0623)	[1]	0.254	J (0.383)	[1]		NA	NA					
Cadmium	0.258	JB (0.304)	[1]	1.68	J (1.87)	[1]		NA	NA					
Calcium	6170	(25.2)	[1]	29600	(155)	[1]		NA	NA					
Chromium	13.8	(0.289)	[1]	6.94	(1.78)	[1]		NA	NA					
Cobalt	6.11	(0.552)	[1]	86.6	(3.40)	[1]		NA	NA					
Copper	10.7	(0.261)	[1]	9.02	(1.61)	[1]		NA	NA					
Iron	14400	(32.9)	[1]	136000	(202)	[1]		NA	NA					
Lead	6.88	(2.61)	[1]	14.3	J (16.1)	[1]		NA	NA					
Magnesium	4470	(2.89)	[1]	4640	(17.8)	[1]		NA	NA					
Manganese	454	(0.0125)	[1]	28100	(0.0768)	[1]		NA	NA					
Molybdenum	0.680	(0.277)	[1]	5.85	(1.71)	[1]		NA	NA					
Nickel	18.2	(1.15)	[1]	29.8	(7.10)	[1]		NA	NA					
Potassium	420	(36.6)	[1]	1060	(225)	[1]		NA	NA					
Selenium	5.88	(4.68)	[1]	70.2	(28.8)	[1]		NA	NA					
Silver	-0.500	JB (0.194)	[1]	-0.449	JB (1.19)	[1]		NA	NA					
Sodium	161	(2.74)	[1]	301	(16.9)	[1]		NA	NA					
Thallium	-0.250	JB (7.34)	[1]	-19.1	JB (45.2)	[1]		NA	NA					
Vanadium	25.4	(0.455)	[1]	17.0	(2.80)	[1]		NA	NA					
Zinc	37.5	(0.308)	[1]	78.0	(1.89)	[1]		NA	NA					

SW7060 - Arsenic (mg/kg)

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7060 - Arsenic, cont. (mg/kg)				
Arsenic	7.38 (0.189) [2]	14.9 (0.580) [1]	3.99 (0.139) [2]	7.51 (0.135) [2]
SW7421 - Lead (mg/kg)				
Lead	5.97 (0.234) [2]	1.17 B (0.257) [1]	2080 (38.7) [400]	10.5 (0.373) [4]
SW7471 - Mercury (mg/kg)				
Mercury	-0.0254 JB (0.0174) [1]	0.0417 J (0.100) [1]	NA	NA
SW7740 - Selenium (mg/kg)				
Selenium	2.34 (0.118) [1]	2.11 (0.721) [1]	NA	NA

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)									
	008	008	09-SB-01	09-SB-01	09-SB-01-03	09-SB-01-04	09-SB-01-04	09-SB-01-04								
SW7060 - Arsenic (mg/kg)	9.11	(	0.134)	[2]	5.71	(	0.142)	[2]	4.63	(	0.0807)	[1]	10.9	(	0.193)	[2]
Arsenic																
SW7421 - Lead (mg/kg)	12.2	(	0.374)	[4]	4.67	(	0.395)	[4]	9.81	(	0.190)	[2]	8.81	(	0.228)	[2]
Lead																

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg)	008	008	008	008
	10-SB-04	10-SB-04	10-SB-05	10-SB-05
	10-SB-04-03	10-SB-04-04	10-SB-05-01	10-SB-05-02
	7 - 9	10 - 12	0 - 2	3 - 5

Arsenic	3.91 (0.0803) [1]	3.80 (0.0721) [1]	12.0 (0.242) [4]	10.1 (0.146) [2]
SW7421 - Lead (mg/kg)	3.15 (0.0946) [1]	3.56 (0.0850) [1]	12.5 (0.264) [4]	12.2 (0.305) [4]
Lead				

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)					
SW7060 - Arsenic (mg/kg)	008	008	10-SB-05	10-SB-05	10-SS-07	10-SS-07-01						
	10-SB-05-DS-02 Dup of		10-SB-05-03	10-SB-05-04								
	10-SB-05-02		3 - 5	8 - 10	11 - 13	0 - 0.5						
Arsenic	9.16	(0.169)	[2]	3.06	(0.129)	[2]	3.18	(0.122)	[2]	15.1	(0.300)	[4]
	8.44	(0.270)	[4]	3.41	(0.136)	[2]	3.56	(0.130)	[2]	34.3	(0.571)	[8]
SW7421 - Lead (mg/kg)												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable R = Invalid Result, Refer to QC Report

A10-21

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID											
	LOCATION ID	SAMPLE ID	BEG. DEPTH -	END DEPTH (FT.)								
SW7060 - Arsenic (mg/kg)	008	008	0 - 0.5	0 - 0.5								
	10-SS-08	10-SS-09	10-SS-09	10-SS-10								
	10-SS-08-01	10-SS-09-01	10-SS-09-01 Dup of	10-SS-10-01								
			10-SS-09-01									
SW7421 - Lead (mg/kg)	008	008	0 - 0.5	0 - 0.5								
	10-SS-08	10-SS-09	10-SS-09	10-SS-10								
	10-SS-08-01	10-SS-09-01	10-SS-09-01 Dup of	10-SS-10-01								
			10-SS-09-01									
	5.42	(0.128)	[2]	7.74	(0.116)	[2]	5.08	(0.134)	[2]	10.8	(0.223)	[4]
	29.5	(0.549)	[8]	27.4	(0.498)	[8]	31.1	(0.592)	[8]	18.3	(0.240)	[4]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH - END DEPTH (FT.)			
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008
	10-SS-11	10-SS-12	11-SS-02	11-SS-03
	10-SS-11-01	10-SS-12-01	11-SS-02-01	11-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	6.36 (0.151) [2]	5.13 (0.110) [2]	29.0 (0.612) [8]	7.30 (0.158) [2]
SW7421 - Lead (mg/kg) Lead	008	008	008	008
	10-SS-11	10-SS-12	11-SS-02	11-SS-03
	10-SS-11-01	10-SS-12-01	11-SS-02-01	11-SS-03-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	50.9 (0.714) [10]	16.4 (0.235) [4]	40.1 (1.19) [10]	43.2 (1.16) [10]

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7060 - Arsenic (mg/kg)	008	008	008	008
	11-SS-04	11-SS-05	11-SS-06	11-SS-07
	11-SS-04-01	11-SS-05-01	11-SS-06-01	11-SS-07-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Arsenic	8.09 (0.147) [2]	7.41 (0.146) [2]	249 (6.78) [80]	10.3 (0.168) [2]
SW7421 - Lead (mg/kg)	18.2 (0.445) [4]	20.6 (0.383) [4]	361 (9.24) [80]	12.9 (0.396) [4]
	Lead			

TABLE A10

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)
SW7060 - Arsenic (mg/kg) Arsenic	008	008	008	008
	11-SS-08	11-SS-09	11-SS-10	11-SS-10
	11-SS-08-01	11-SS-09-01	11-SS-10-01	11-SS-10-01
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
	4.96 (0.0764) [1]	4.26 (0.0735) [1]	6.29 (0.151) [2]	
SW7421 - Lead (mg/kg) Lead	5.19 (0.381) [4]	5.01 (0.324) [4]	30.3 (1.15) [10]	

TABLE A11 ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID														
	LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)		008		BLM		008				
	008	BLM	BLM-01	0 - 0.3	008	BLM	BLM-02	0 - 0.3	008	BLM	BLM-03	0 - 0.3			
Percent Solid (percent)	17.4	(0)	(0)	[1]	15.1	(0)	(0)	[1]	19.6	(0)	(0)	[1]	18.4	(0)	[1]
Percent moisture	355	(23.5)	(2.29)	[10]	9.07	P	(2.29)	[10]	ND	(24.1)	(238)	[100]	122	PJ	(238)
SW8080 - Organochlorine Pesticides and PCBs	55.4	(24.7)	(2.4)	[10]	17.8		(2.4)	[10]	655	(25.3)	(249)	[100]	1760		(249)
4,4'-DDD	1260	(26.5)	(2.57)	[10]	155		(2.57)	[10]	968	(27.1)	(267)	[100]	21400		(267)
4,4'-DDE	ND	(21.3)	(3.4)	[10]	0.812	KJ	(3.4)	[10]	ND	(21.8)	(215)	[100]	ND		(215)
4,4'-DDT	ND	(37.6)	(3.65)	[10]	ND		(3.65)	[10]	ND	(38.5)	(380)	[100]	ND		(380)
Aldrin	ND	(25.6)	(1.68)	[10]	1.64	KJ	(1.68)	[10]	ND	(26.2)	(259)	[100]	ND		(259)
Chlordane	ND	(12.4)	(1.2)	[10]	ND		(1.2)	[10]	ND	(12.7)	(125)	[100]	ND		(125)
Dieldrin	ND	(27.4)	(2.66)	[10]	ND		(2.66)	[10]	ND	(28)	(277)	[100]	ND		(277)
Endosulfan I	ND	(53.7)	(5.22)	[10]	ND		(5.22)	[10]	ND	(54.9)	(542)	[100]	ND		(542)
Endosulfan II	ND	(44)	(4.28)	[10]	ND		(4.28)	[10]	31.6	(43)	(444)	[100]	ND		(444)
Endosulfan Sulfate	ND	(23.4)	(2.28)	[10]	ND		(2.28)	[10]	ND	(24)	(237)	[100]	ND		(237)
Endrin	ND	(10.9)	(1.06)	[10]	ND		(1.06)	[10]	ND	(11.2)	(110)	[100]	ND		(110)
Endrin Aldehyde	ND	(13.4)	(1.3)	[10]	ND		(1.3)	[10]	ND	(13.7)	(135)	[100]	ND		(135)
Heptachlor	ND	(162)	(15.8)	[10]	ND		(15.8)	[10]	ND	(166)	(1640)	[100]	ND		(1640)
Heptachlor epoxide	ND	(222)	(21.6)	[10]	ND		(21.6)	[10]	ND	(227)	(2240)	[100]	ND		(2240)
Methoxychlor	ND	(296)	(28.8)	[10]	ND		(28.8)	[10]	ND	(304)	(3000)	[100]	ND		(3000)
PCB-1016	ND	(512)	(49.8)	[10]	ND		(49.8)	[10]	ND	(525)	(5180)	[100]	ND		(5180)
PCB-1221	ND	(209)	(20.3)	[10]	ND		(20.3)	[10]	ND	(214)	(2110)	[100]	ND		(2110)
PCB-1232	ND	(111)	(10.8)	[10]	ND		(10.8)	[10]	ND	(114)	(1130)	[100]	ND		(1130)
PCB-1242	ND	(160)	(15.6)	[10]	ND		(15.6)	[10]	ND	(164)	(1620)	[100]	ND		(1620)
PCB-1248	ND	(212)	(20.6)	[10]	ND		(20.6)	[10]	ND	(217)	(2140)	[100]	ND		(2140)
PCB-1254	ND	(136)	(13.3)	[10]	ND		(13.3)	[10]	ND	(140)	(1380)	[100]	ND		(1380)
PCB-1260	ND	(8.19)	(0.796)	[10]	ND		(0.796)	[10]	ND	(8.38)	(82.8)	[100]	ND		(82.8)
Toxaphene	ND	(26.8)	(2.6)	[10]	ND		(2.6)	[10]	ND	(27.4)	(271)	[100]	ND		(271)
alpha-BHC	ND	(14.6)	(1.42)	[10]	ND		(1.42)	[10]	ND	(15)	(148)	[100]	ND		(148)
beta-BHC															
delta-BHC															

Compiled: 16 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A11-1

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID		BEG. DEPTH - END DEPTH (FT.)						
	008	008	BLM	BLM	BLM-01	BLM-02	BLM-03	BLM-04					
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3					
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)	ND	(13)	[100]	0.552	PJB	(1.26)	[10]	ND	(13.3)	[100]	ND	(131)	[1000]
gamma-BHC(Lindane)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
SW8240 - Volatile Organics (ug/kg)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,1,1-Trichloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,1,2,2-Tetrachloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,1,2-Trichloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,1-Dichloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,1-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,2-Dichloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,2-Dichloropropane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,2-Dichloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
1,2-Dichloropropane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
2-Butanone(MEK)	ND	(40)	[1]	ND	(30)	[1]	ND	(30)	[1]	[1]	ND	(600)	[1]
2-Chloroethyl vinyl ether	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
2-Hexanone	ND	(40)	[1]	ND	(30)	[1]	ND	(30)	[1]	[1]	ND	(600)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(40)	[1]	ND	(30)	[1]	ND	(30)	[1]	[1]	ND	(600)	[1]
Acetone	ND	(100)	[1]	1	JB	(100)	[1]	5	JB	(100)	ND	(3000)	[1]
Benzene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Bromodichloromethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Bromomethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Carbon disulfide	ND	(10)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Carbon tetrachloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Chlorobenzene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Chloroethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Chloroform	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Chloromethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Dibromochloromethane	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Ethylbenzene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Methylene chloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]
Styrene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	[1]	ND	(100)	[1]

Compiled: 16 March 1995
 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A11-2

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	008		008		008		008		008		
	BLM	BLM-01	BLM	BLM-02	BLM	BLM-03	BLM	BLM-04	BLM	BLM-05	
	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	0 - 0.3	
	BEG. DEPTH - END DEPTH (FT.)										
	LOCATION ID										
	SAMPLE ID										
SW8240 - Volatile Organics, cont. (ug/kg)											
Tetrachloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
Toluene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
Tribromomethane(Bromoform)	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
Trichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
Vinyl acetate	ND	(70)	[1]	ND	(60)	[1]	ND	(60)	[1]	ND	(1000)
Vinyl chloride	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
cis-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
cis-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
m & p-Xylene	ND	(30)	[1]	ND	(20)	[1]	ND	(20)	[1]	ND	(400)
o-Xylene	ND	(10)	[1]	ND	(10)	[1]	ND	(10)	[1]	ND	(300)
trans-1,2-Dichloroethene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
trans-1,3-Dichloropropene	ND	(7)	[1]	ND	(6)	[1]	ND	(6)	[1]	ND	(100)
SW8270 - Semivolatile Organics (mg/kg)											
1,2,4-Trichlorobenzene	ND	(0.119)	[5]	ND	(0.0231)	[1]	ND	(0.0244)	[1]	ND	(0.0241)
1,2-Dichlorobenzene	ND	(0.157)	[5]	ND	(0.0304)	[1]	ND	(0.0322)	[1]	ND	(0.0318)
1,3-Dichlorobenzene	ND	(0.0796)	[5]	ND	(0.0155)	[1]	ND	(0.0164)	[1]	ND	(0.0161)
1,4-Dichlorobenzene	ND	(0.162)	[5]	ND	(0.0315)	[1]	ND	(0.0334)	[1]	ND	(0.033)
2,4,5-Trichloropheno1	ND	(0.0663)	[5]	ND	(0.0129)	[1]	ND	(0.0136)	[1]	ND	(0.0135)
2,4,6-Trichloropheno1	ND	(0.0702)	[5]	ND	(0.0136)	[1]	ND	(0.0144)	[1]	ND	(0.0142)
2,4-Dichloropheno1	ND	(0.0891)	[5]	ND	(0.0173)	[1]	ND	(0.0183)	[1]	ND	(0.0181)
2,4-Dimethylpheno1	ND	(0.221)	[5]	ND	(0.0429)	[1]	ND	(0.0455)	[1]	ND	(0.0449)
2,4-Dinitrophenol	ND	(1.41)	[5]	ND	(0.273)	[1]	ND	(0.289)	[1]	ND	(0.285)
2,4-Dinitrotoluene	ND	(0.111)	[5]	ND	(0.0215)	[1]	ND	(0.0227)	[1]	ND	(0.0224)
2,6-Dinitrotoluene	ND	(0.0696)	[5]	ND	(0.0135)	[1]	ND	(0.0143)	[1]	ND	(0.0141)
2-Chloronaphthalene	ND	(0.0651)	[5]	ND	(0.0126)	[1]	ND	(0.0134)	[1]	ND	(0.0132)
2-Chloropheno1	ND	(0.154)	[5]	ND	(0.0298)	[1]	ND	(0.0316)	[1]	ND	(0.0312)
2-Methylnaphthalene	ND	(0.133)	[5]	ND	(0.0258)	[1]	ND	(0.0273)	[1]	ND	(0.0269)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-3

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

008
 BLM
 BLM-01
 0 - 0.3

008
 BLM
 BLM-02
 0 - 0.3

008
 BLM
 BLM-03
 0 - 0.3

008
 BLM
 BLM-04
 0 - 0.3

PARAMETER

SW8270 - Semivolatile Organics, cont. (mg/kg)

PARAMETER	008 BLM BLM-01 0 - 0.3	008 BLM BLM-02 0 - 0.3	008 BLM BLM-03 0 - 0.3	008 BLM BLM-04 0 - 0.3
2-Methylphenol (o-cresol)	ND	ND	ND	ND
2-Nitroaniline	(0.107)	(0.0208)	(0.0221)	(0.0218)
2-Nitrophenol	(0.0808)	(0.0157)	(0.0166)	(0.0164)
3,3'-Dichlorobenzidine	(0.0885)	(0.0172)	(0.0182)	(0.0179)
3-Nitroaniline	(0.0985)	(0.0191)	(0.0203)	(0.02)
4,6-Dinitro-2-methylphenol	(0.102)	(0.0199)	(0.021)	(0.0208)
4-Bromophenyl phenyl ether	(0.159)	(0.0309)	(0.0327)	(0.0323)
4-Chloro-3-methylphenol	(0.0917)	(0.0178)	(0.0189)	(0.0186)
4-Chloroaniline	(0.145)	(0.0282)	(0.0299)	(0.0295)
4-Chlorophenyl phenyl ether	(0.112)	(0.0218)	(0.0231)	(0.0228)
4-Methylphenol (p-cresol)	(0.106)	(0.0206)	(0.0218)	(0.0215)
4-Nitroaniline	(0.116)	(0.0224)	(0.0238)	(0.0234)
4-Nitrophenol	(0.0973)	(0.0189)	(0.02)	(0.0197)
Acenaphthene	(0.139)	(0.027)	(0.0286)	(0.0282)
Acenaphthylene	(0.0961)	(0.0187)	(0.0198)	(0.0195)
Anthracene	(0.0454)	(0.00882)	(0.00934)	(0.00922)
Benzo(a)anthracene	(0.117)	(0.0227)	(0.024)	(0.0237)
Benzo(a)pyrene	(0.104)	(0.0201)	(0.0213)	(0.021)
Benzo(b)fluoranthene	(0.077)	(0.0149)	(0.0158)	(0.0156)
Benzo(g,h,i)perylene	0.788 F	0.0183 FJ	0.0327 F	0.0147 FJ
Benzo(k)fluoranthene	0.346	0.0101 J	0.0145 J	0.0101 J
Benzoic acid	0.788 F	0.0183 FJ	0.0327 FJ	0.0147 FJ
Benzyl alcohol	ND	ND	0.339	0.122 J
Butylbenzylphthalate	ND	ND	0.33	0.246
Chrysene	0.478	0.0109 J	0.0193 J	ND
Di-n-butylphthalate	ND	ND	ND	ND
Di-n-octylphthalate	ND	ND	ND	ND

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID				PARAMETER	SITE ID							
	LOCATION ID		SAMPLE ID			LOCATION ID		SAMPLE ID					
	BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)		BEG. DEPTH	END DEPTH (FT.)	BEG. DEPTH	END DEPTH (FT.)				
SW8270 - Semi-volatile Organics, cont. (mg/kg)													
Dibenz(a,h)anthracene	0.0945	J	(0.0953)	[5]	ND	(0.0185)	[1]	ND	(0.0196)	[1]	ND	(0.0193)	[1]
Dibenzofuran	ND		(0.082)	[5]	ND	(0.0159)	[1]	ND	(0.0169)	[1]	ND	(0.0166)	[1]
Diethylphthalate	ND		(0.0675)	[5]	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)	[1]
Dimethylphthalate	ND		(0.0563)	[5]	ND	(0.0109)	[1]	ND	(0.0116)	[1]	ND	(0.0114)	[1]
Diphenylamine/N-NitrosodPA	ND		(0.114)	[5]	ND	(0.0221)	[1]	ND	(0.0234)	[1]	ND	(0.0231)	[1]
Fluoranthene	0.746		(0.128)	[5]	0.0118	(0.0249)	[1]	0.0262	(0.0264)	[1]	0.0104	(0.026)	[1]
Fluorene	ND		(0.0675)	[5]	ND	(0.0131)	[1]	ND	(0.0139)	[1]	ND	(0.0137)	[1]
Hexachlorobenzene	ND		(0.047)	[5]	ND	(0.00913)	[1]	ND	(0.00968)	[1]	ND	(0.00954)	[1]
Hexachlorobutadiene	ND		(0.14)	[5]	ND	(0.0272)	[1]	ND	(0.0289)	[1]	ND	(0.0285)	[1]
Hexachlorocyclopentadiene	ND		(1.79)	[5]	ND	(0.348)	[1]	ND	(0.369)	[1]	ND	(0.364)	[1]
Hexachloroethane	ND		(0.119)	[5]	ND	(0.0232)	[1]	ND	(0.0246)	[1]	ND	(0.0242)	[1]
Indeno(1,2,3-cd)pyrene	0.318		(0.106)	[5]	ND	(0.0205)	[1]	0.0143	(0.0217)	[1]	ND	(0.0214)	[1]
Isophorone	ND		(0.0577)	[5]	ND	(0.0112)	[1]	ND	(0.0119)	[1]	ND	(0.0117)	[1]
N-Nitroso-di-n-propylamine	ND		(0.151)	[5]	ND	(0.0293)	[1]	ND	(0.0311)	[1]	ND	(0.0306)	[1]
Naphthalene	ND		(0.147)	[5]	ND	(0.0284)	[1]	ND	(0.0301)	[1]	ND	(0.0297)	[1]
Nitrobenzene	ND		(0.106)	[5]	ND	(0.0206)	[1]	ND	(0.0218)	[1]	ND	(0.0215)	[1]
Pentachlorophenol	ND		(0.174)	[5]	ND	(0.0337)	[1]	ND	(0.0357)	[1]	ND	(0.0352)	[1]
Phenanthrene	0.408		(0.125)	[5]	ND	(0.0243)	[1]	0.00997	(0.0257)	[1]	ND	(0.0254)	[1]
PhenoI	ND		(0.0802)	[5]	ND	(0.0156)	[1]	ND	(0.0165)	[1]	ND	(0.0163)	[1]
Pyrene	0.708		(0.0941)	[5]	0.0118	(0.0183)	[1]	0.0292	(0.0194)	[1]	0.00852	(0.0191)	[1]
bis(2-Chloroethoxy)methane	ND		(0.113)	[5]	ND	(0.0219)	[1]	ND	(0.0232)	[1]	ND	(0.0229)	[1]
bis(2-Chloroethyl)ether	ND		(0.147)	[5]	ND	(0.0286)	[1]	ND	(0.0303)	[1]	ND	(0.0299)	[1]
bis(2-Chloroisopropyl)ether	ND		(0.146)	[5]	ND	(0.0283)	[1]	ND	(0.03)	[1]	ND	(0.0296)	[1]
bis(2-Ethylhexyl)phthalate	ND		(0.368)	[5]	0.0527	(0.0714)	[1]	0.0451	(0.0757)	[1]	ND	(0.0746)	[1]
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)													
Acenaphthene	720		(472)	[10]	ND	(459)	[10]	ND	(485)	[10]	ND	(478)	[10]
Acenaphthylene	505	J	(908)	[10]	ND	(883)	[10]	ND	(933)	[10]	ND	(919)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

* - Value considered suspect, Refer to QC Report

A11-5

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID

LOCATION ID

SAMPLE ID

BEG. DEPTH - END DEPTH (FT.)

008
BLM
BLM-01
0 - 0.3

008
BLM
BLM-02
0 - 0.3

008
BLM
BLM-03
0 - 0.3

008
BLM
BLM-04
0 - 0.3

PARAMETER

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)

Anthracene	ND	(278)	[10]	ND	(271)	[10]	ND	(286)	[10]	ND	(282)	[10]
Benzo(a)anthracene	106	(8.35)	[10]	ND	(8.13)	[10]	ND	(8.58)	[10]	9.79	(8.46)	[10]
Benzo(a)pyrene	106	(25.4)	[10]	2.33 JB	(24.7)	[10]	4.12 JB	(26.1)	[10]	16.5 J	(25.7)	[10]
Benzo(b)fluoranthene	74.8	(40)	[10]	ND	(38.9)	[10]	ND	(41)	[10]	13.4 J	(40.4)	[10]
Benzo(g,h,i)perylene	894	(72.6)	[10]	0.171 JB	(70.7)	[10]	ND	(74.6)	[10]	7.61 J	(73.5)	[10]
Benzo(k)fluoranthene	16.1 B	(7.99)	[10]	ND	(7.77)	[10]	3.89 JB	(8.21)	[10]	8.88 B	(8.09)	[10]
Chrysene	549	(145)	[10]	ND	(141)	[10]	ND	(149)	[10]	11.6 J	(147)	[10]
Dibenz(a,h)anthracene	377	(19.4)	[10]	ND	(18.8)	[10]	ND	(19.9)	[10]	0.437 JB	(19.6)	[10]
Fluoranthene	53.8 J	(254)	[10]	ND	(247)	[10]	ND	(261)	[10]	ND	(257)	[10]
Fluorene	ND	(69)	[10]	ND	(67.1)	[10]	ND	(70.9)	[10]	ND	(69.9)	[10]
Indeno(1,2,3-cd)pyrene	181 B	(26.6)	[10]	ND	(25.9)	[10]	ND	(27.4)	[10]	ND	(27)	[10]
Naphthalene	ND	(2180)	[10]	ND	(2120)	[10]	ND	(2240)	[10]	ND	(2210)	[10]
Phenanthrene	ND	(508)	[10]	ND	(495)	[10]	ND	(522)	[10]	ND	(515)	[10]
Pyrene	95.1 J	(303)	[10]	ND	(294)	[10]	ND	(311)	[10]	ND	(306)	[10]

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID

LOCATION ID

SAMPLE ID

BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

Percent Solid (percent)

Percent moisture

SW8080 - Organochlorine Pesticides and PCBs (ug/kg)

3.56 (0)

(0)

[1]

[1]

6.04

(0)

[1]

[1]

4,4'-DDD

ND

ND

(0.202)

[1]

0.594

P

(0.207)

[1]

4,4'-DDE

ND

ND

(0.212)

[1]

1.96

(0.217)

[1]

4,4'-DDT

ND

ND

(0.227)

[1]

17.7

(0.232)

[1]

Aldrin

0.105

J

(0.183)

[1]

0.0774

KJ

(0.307)

[1]

Chlordane

ND

ND

(0.322)

[1]

ND

(0.33)

[1]

Dieldrin

0.104

JB

(0.219)

[1]

0.198

J

(0.225)

[1]

Endosulfan I

ND

ND

(0.106)

[1]

ND

(0.109)

[1]

Endosulfan II

ND

ND

(0.235)

[1]

ND

(0.241)

[1]

Endosulfan Sulfate

0.304

KJ

(1.11)

[1]

0.363

KJ

(1.13)

[1]

Endrin

0.0406

KJ

(0.359)

[1]

ND

(0.386)

[1]

Endrin Aldehyde

ND

ND

(0.201)

[1]

ND

(0.206)

[1]

Heptachlor

ND

ND

(0.0937)

[1]

ND

(0.096)

[1]

Heptachlor epoxide

ND

ND

(0.115)

[1]

ND

(0.118)

[1]

Methoxychlor

ND

ND

(1.39)

[1]

ND

(1.42)

[1]

PCB-1016

ND

ND

(1.9)

[1]

ND

(1.95)

[1]

PCB-1221

ND

ND

(2.54)

[1]

ND

(2.6)

[1]

PCB-1232

ND

ND

(4.39)

[1]

ND

(4.5)

[1]

PCB-1242

ND

ND

(1.79)

[1]

ND

(1.83)

[1]

PCB-1248

ND

ND

(0.954)

[1]

ND

(0.978)

[1]

PCB-1254

ND

ND

(1.37)

[1]

ND

(1.41)

[1]

PCB-1260

ND

ND

(1.82)

[1]

ND

(1.86)

[1]

Toxaphene

ND

ND

(1.17)

[1]

ND

(1.2)

[1]

alpha-BHC

0.0929

P

(0.0702)

[1]

ND

(0.0719)

[1]

beta-BHC

ND

ND

(0.23)

[1]

ND

(0.235)

[1]

delta-BHC

ND

ND

(0.0864)

[1]

0.013

KJ

(0.128)

[1]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-7

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

005
 DRM
 DRM-01
 0 - 0.3

005
 DRM
 DRM-02
 0 - 0.3

PARAMETER	0.291 B	(0.111)	[1]	0.246 B	(0.114)	[1]
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)						
gamma-BHC(Lindane)	ND	(5)	[1]	ND	(6)	[1]
SW8240 - Volatile Organics (ug/kg)						
1,1,1-Trichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1,2,2-Tetrachloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1,2-Trichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1-Dichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,1-Dichloroethene	ND	(5)	[1]	ND	(6)	[1]
1,2-Dichloroethane	ND	(5)	[1]	ND	(6)	[1]
1,2-Dichloropropane	ND	(5)	[1]	ND	(6)	[1]
2-Butanone(MEK)	ND	(30)	[1]	ND	(30)	[1]
2-Chloroethyl vinyl ether	ND	(5)	[1]	ND	(6)	[1]
2-Hexanone	ND	(30)	[1]	ND	(30)	[1]
4-Methyl-2-pentanone(MIBK)	ND	(30)	[1]	ND	(30)	[1]
Acetone	ND	(100)	[1]	ND	(100)	[1]
Benzene	ND	(5)	[1]	ND	(6)	[1]
Bromodichloromethane	ND	(5)	[1]	ND	(6)	[1]
Bromomethane	ND	(5)	[1]	ND	(6)	[1]
Carbon disulfide	ND	(10)	[1]	ND	(10)	[1]
Carbon tetrachloride	ND	(5)	[1]	ND	(6)	[1]
Chlorobenzene	ND	(5)	[1]	ND	(6)	[1]
Chloroethane	ND	(5)	[1]	ND	(6)	[1]
Chloroform	ND	(5)	[1]	ND	(6)	[1]
Chloromethane	ND	(5)	[1]	ND	(6)	[1]
Dibromochloromethane	ND	(5)	[1]	ND	(6)	[1]
Ethylbenzene	ND	(5)	[1]	ND	(6)	[1]
Methylene chloride	ND	(5)	[1]	ND	(6)	[1]
Styrene	ND	(5)	[1]	ND	(6)	[1]

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	BEG. DEPTH -	END DEPTH (FT.)		
	005	005		
	DRM	DRM		
	DRM-01	DRM-02		
	0 - 0.3	0 - 0.3		

SW8240 - Volatile Organics, cont. (ug/kg)				
Tetrachloroethene	ND		[1]	(6)
Toluene	ND		[1]	(6)
Tribromomethane (Bromoform)	ND		[1]	(6)
Trichloroethene	ND		[1]	(6)
Vinyl acetate	ND	(50)	[1]	(60)
Vinyl chloride	ND	(5)	[1]	(6)
cis-1,2-Dichloroethene	ND	(5)	[1]	(6)
cis-1,3-Dichloropropene	ND	(5)	[1]	(6)
m & p-Xylene	ND	(20)	[1]	(20)
o-Xylene	ND	(10)	[1]	(10)
trans-1,2-Dichloroethene	ND	(5)	[1]	(6)
trans-1,3-Dichloropropene	ND	(5)	[1]	(6)
SW8270 - Semivolatile Organics (mg/kg)				
1,2,4-Trichlorobenzene	ND	(0.0204)	[1]	(0.0208)
1,2-Dichlorobenzene	ND	(0.0269)	[1]	(0.0275)
1,3-Dichlorobenzene	ND	(0.0137)	[1]	(0.014)
1,4-Dichlorobenzene	ND	(0.0279)	[1]	(0.0285)
2,4,5-Trichloropheno	ND	(0.0114)	[1]	(0.0116)
2,4,6-Trichloropheno	ND	(0.012)	[1]	(0.0123)
2,4-Dichloropheno	ND	(0.0153)	[1]	(0.0156)
2,4-Dimethylpheno	ND	(0.038)	[1]	(0.0388)
2,4-Dinitrophenol	ND	(0.242)	[1]	(0.247)
2,4-Dinitrotoluene	ND	(0.019)	[1]	(0.0194)
2,6-Dinitrotoluene	ND	(0.0119)	[1]	(0.0122)
2-Chloronaphthalene	ND	(0.0112)	[1]	(0.0114)
2-Chloropheno	ND	(0.0264)	[1]	(0.027)
2-Methylnaphthalene	ND	(0.0228)	[1]	(0.0233)

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

* = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-9

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	LOCATION ID		005	005
	DRM-01	DRM-02		DRM	DRM		
	0 - 0.3	0 - 0.3					
SW8270 - Semivolatile Organics, cont. (mg/kg)							
2-Methylpheno] (o-cresol)	ND	(0.0184)	[1]	ND	(0.0188)	[1]	[1]
2-Nitroaniline	ND	(0.0139)	[1]	ND	(0.0142)	[1]	[1]
2-Nitrophenol	ND	(0.0152)	[1]	ND	(0.0155)	[1]	[1]
3,3'-Dichlorobenzidine	ND	(0.0169)	[1]	ND	(0.0173)	[1]	[1]
3-Nitroaniline	ND	(0.0176)	[1]	ND	(0.018)	[1]	[1]
4,6-Dinitro-2-methylphenol	ND	(0.0273)	[1]	ND	(0.0279)	[1]	[1]
4-Bromophenyl phenyl ether	ND	(0.0157)	[1]	ND	(0.0161)	[1]	[1]
4-Chloro-3-methylpheno]	ND	(0.0249)	[1]	ND	(0.0255)	[1]	[1]
4-Chloroaniline	ND	(0.0193)	[1]	ND	(0.0197)	[1]	[1]
4-Chlorophenyl phenyl ether	ND	(0.0182)	[1]	ND	(0.0186)	[1]	[1]
4-Methylpheno] (p-cresol)	ND	(0.0198)	[1]	ND	(0.0203)	[1]	[1]
4-Nitroaniline	ND	(0.0167)	[1]	ND	(0.0171)	[1]	[1]
4-Nitrophenol	ND	(0.0238)	[1]	ND	(0.0244)	[1]	[1]
Acenaphthene	ND	(0.0165)	[1]	ND	(0.0169)	[1]	[1]
Acenaphthylene	ND	(0.0078)	[1]	ND	(0.00797)	[1]	[1]
Anthracene	ND	(0.02)	[1]	ND	(0.0205)	[1]	[1]
Benzo(a)anthracene	ND	(0.0178)	[1]	ND	(0.0182)	[1]	[1]
Benzo(a)pyrene	ND	(0.0132)	[1]	ND	(0.0135)	[1]	[1]
Benzo(b)fluoranthene	ND	(0.0196)	[1]	ND	(0.0201)	[1]	[1]
Benzo(g,h,i)perylene	ND	(0.0168)	[1]	ND	(0.0172)	[1]	[1]
Benzo(k)fluoranthene	ND	(0.0334)	[1]	ND	(0.0341)	[1]	[1]
Benzoic acid	ND	(0.137)	[1]	ND	(0.14)	[1]	[1]
Benzyl alcohol	ND	(0.0373)	[1]	ND	(0.0381)	[1]	[1]
Butylbenzylphthalate	ND	(0.0136)	[1]	ND	(0.0139)	[1]	[1]
Chrysene	ND	(0.0231)	[1]	ND	(0.0236)	[1]	[1]
Di-n-butylphthalate	ND	(0.017)	[1]	ND	(0.0174)	[1]	[1]
Di-n-octylphthalate	ND	(0.0314)	[1]	ND	(0.0321)	[1]	[1]

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

* = Not Applicable

NA = Value considered suspect, Refer to QC Report

A11-10

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	DILUTION FACTOR	DETECTION LIMIT (ug/kg)	ND = Not Detected	NA = Not Applicable	* - Value considered suspect, Refer to QC Report
	LOCATION ID	SAMPLE ID						
SW8270 - Semivolatile Organics, cont. (mg/kg)								
Dibenz(a,h)anthracene	ND	(0.0167)	[1]					
Dibenzofuran	ND	(0.0141)	[1]					
Diethylphthalate	ND	(0.0116)	[1]					
Dimethylphthalate	ND	(0.00966)	[1]					
Diphenylamine/N-NitrosDPA	ND	(0.0195)	[1]					
Fluoranthene	ND	(0.022)	[1]					
Fluorene	ND	(0.0116)	[1]					
Hexachlorobenzene	ND	(0.00807)	[1]					
Hexachlorobutadiene	ND	(0.0241)	[1]					
Hexachlorocyclopentadiene	ND	(0.308)	[1]					
Hexachloroethane	ND	(0.0205)	[1]					
Indeno(1,2,3-cd)pyrene	ND	(0.0181)	[1]					
Isophorone	ND	(0.0099)	[1]					
N-Nitroso-di-n-propylamine	ND	(0.0259)	[1]					
Naphthalene	ND	(0.0252)	[1]					
Nitrobenzene	ND	(0.0182)	[1]					
Pentachlorophenol	ND	(0.0298)	[1]					
Phenanthrene	ND	(0.0215)	[1]					
Phenol	ND	(0.0138)	[1]					
Pyrene	ND	(0.0161)	[1]					
bis(2-Chloroethoxy)methane	ND	(0.0194)	[1]					
bis(2-Chloroethyl)ether	ND	(0.0253)	[1]					
bis(2-Chloroisopropyl)ether	ND	(0.0251)	[1]					
bis(2-Ethylhexyl)phthalate	ND	(0.0631)	[1]					
SW8310 - Polynuclear Aromatic Hydrocarbons (ug/kg)								
Acenaphthene	706	(404)	[10]					
Acenaphthylene	ND	(778)	[10]					

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-11

TABLE A11

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
LOCATION ID
SAMPLE ID
BEG. DEPTH - END DEPTH (FT.)

005
DRM
DRM-01
0 - 0.3

005
DRM
DRM-02
0 - 0.3

PARAMETER

SW8310 - Polynuclear Aromatic Hydrocarbons, cont. (ug/kg)

Anthracene	ND	(238)	[10]	ND	(245)	[10]
Benzo(a)anthracene	ND	(7.15)	[10]	ND	(7.34)	[10]
Benzo(a)pyrene	ND	(21.8)	[10]	ND	(22.3)	[10]
Benzo(b)fluoranthene	ND	(34.2)	[10]	ND	(35.1)	[10]
Benzo(g,h,i)perylene	55.6 J	(62.2)	[10]	70.3	(63.9)	[10]
Benzo(k)fluoranthene	ND	(6.84)	[10]	ND	(7.02)	[10]
Chrysene	ND	(124)	[10]	4.14 J	(128)	[10]
Dibenz(a,h)anthracene	ND	(16.6)	[10]	ND	(17)	[10]
Fluoranthene	ND	(218)	[10]	ND	(223)	[10]
Fluorene	ND	(59.1)	[10]	ND	(60.7)	[10]
Indeno(1,2,3-cd)pyrene	ND	(22.8)	[10]	25.8 B	(23.4)	[10]
Naphthalene	ND	(1870)	[10]	ND	(1920)	[10]
Phenanthrene	ND	(436)	[10]	ND	(447)	[10]
Pyrene	ND	(259)	[10]	ND	(266)	[10]

Compiled: 16 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A11-12

TABLE A12

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

008
 BLM
 BLM-01
 0 - 0.3

008
 BLM
 BLM-02
 0 - 0.3

008
 BLM
 BLM-03
 0 - 0.3

008
 BLM
 BLM-04
 0 - 0.3

PARAMETER

SW6010 - Metals (mg/kg)

Aluminum	8700	(6.62)	[1]	7680	(5.68)	[1]	4660	(6.65)	[1]	5890	(6.7)	[1]
Antimony	-0.0994	(1.74)	[1]	-0.397	(1.5)	[1]	-1.41	(1.75)	[1]	-1.1	(1.77)	[1]
Arsenic	8.96	(1.43)	[1]	9.87	(1.22)	[1]	4.88	(1.43)	[1]	4.63	(1.44)	[1]
Barium	146	(0.0523)	[1]	128	(0.0449)	[1]	85.4	(0.0526)	[1]	87.3	(0.053)	[1]
Beryllium	0.243	(0.0532)	[1]	0.167	(0.0456)	[1]	0.103	(0.0535)	[1]	0.142	(0.0539)	[1]
Cadmium	0.55	(0.259)	[1]	0.38	(0.222)	[1]	0.308	(0.261)	[1]	0.332	(0.262)	[1]
Calcium	4690	(21.5)	[1]	10300	(18.4)	[1]	3890	(21.6)	[1]	4350	(21.8)	[1]
Chromium	21.1	(0.247)	[1]	15.9	(0.212)	[1]	10.1	(0.248)	[1]	11.6	(0.25)	[1]
Cobalt	9.27	(0.472)	[1]	7.4	(0.404)	[1]	5.11	(0.474)	[1]	6.1	(0.477)	[1]
Copper	22.5	(0.223)	[1]	18	(0.191)	[1]	10.9	(0.224)	[1]	12.1	(0.226)	[1]
Iron	18400	(28.1)	[1]	16700	(24.1)	[1]	10000	(28.2)	[1]	13200	(28.4)	[1]
Lead	54.8	(2.23)	[1]	10.9	(1.91)	[1]	7.34	(2.24)	[1]	14.7	(2.26)	[1]
Magnesium	4880	(2.47)	[1]	5510	(2.12)	[1]	2960	(2.48)	[1]	3450	(2.5)	[1]
Manganese	384	(0.0107)	[1]	313	(0.00914)	[1]	241	(0.0107)	[1]	215	(0.0108)	[1]
Molybdenum	1.47	(0.237)	[1]	1.09	(0.203)	[1]	0.588	(0.238)	[1]	0.846	(0.24)	[1]
Nickel	25.5	(0.985)	[1]	21.7	(0.845)	[1]	13.8	(0.99)	[1]	16.1	(0.997)	[1]
Potassium	959	(31.3)	[1]	668	(26.8)	[1]	626	(31.4)	[1]	784	(31.6)	[1]
Selenium	6.41	(3.99)	[1]	6.55	(3.43)	[1]	4.24	(4.01)	[1]	4.26	(4.04)	[1]
Silver	-0.318	(0.165)	[1]	-0.351	(0.142)	[1]	-0.31	(0.166)	[1]	-0.353	(0.167)	[1]
Sodium	203	(2.34)	[1]	218	(2.01)	[1]	104	(2.35)	[1]	134	(2.37)	[1]
Thallium	2.21	(6.27)	[1]	-0.0256	(5.38)	[1]	1.15	(6.3)	[1]	0.379	(6.35)	[1]
Vanadium	32.4	(0.388)	[1]	27.8	(0.333)	[1]	16.7	(0.39)	[1]	21.6	(0.393)	[1]
Zinc	98.8	(0.263)	[1]	58.8	(0.225)	[1]	35.8	(0.264)	[1]	46	(0.266)	[1]
SW7060 - Arsenic (mg/kg)	12	(0.181)	[2]	9.11	(0.143)	[2]	5.58	(0.0948)	[1]	5.77	(0.166)	[2]
Arsenic												
SW7421 - Lead (mg/kg)	48.6	(2.14)	[20]	10.4	(0.336)	[4]	8.94	(0.447)	[4]	15.3	(0.392)	[4]
Lead												

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A12-1

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

PARAMETER	SITE ID										
	LOCATION ID		SAMPLE ID								
	BEG. DEPTH -	END DEPTH (FT.)	BEG. DEPTH -	END DEPTH (FT.)							
SW7471 - Mercury (mg/kg)	0.0934	[1]	0.0676	(0.0141)	[1]	0.075	(0.015)	[1]	0.0823	(0.0146)	[1]
Mercury											
SW7740 - Selenium (mg/kg)	1.22	[1]	0.905	(0.0539)	[1]	0.705	(0.0717)	[1]	0.693	(0.0628)	[1]
Selenium											

008
BLM
BLM-01
0 - 0.3

008
BLM
BLM-02
0 - 0.3

008
BLM
BLM-03
0 - 0.3

008
BLM
BLM-04
0 - 0.3

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL (DRM, BLM) SAMPLES, GALENA 1993 EVENT.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

005
 DRM
 DRM-01
 0 - 0.3

005
 DRM
 DRM-02
 0 - 0.3

PARAMETER

SW6010 - Metals (mg/kg)

Aluminum	4800	(6.18)	[1]	5230	(6.24)	[1]
Antimony	0.643 JB	(1.63)	[1]	-2.18 JB	(1.64)	[1]
Arsenic	5.22	(1.33)	[1]	3.43	(1.35)	[1]
Barium	64.5	(0.0488)	[1]	74.8	(0.0493)	[1]
Beryllium	0.11	(0.0497)	[1]	0.124	(0.0501)	[1]
Cadmium	0.231 JB	(0.242)	[1]	0.934	(0.244)	[1]
Calcium	2480	(20.1)	[1]	4120	(20.3)	[1]
Chromium	9.77	(0.23)	[1]	11.3	(0.232)	[1]
Cobalt	5.69	(0.44)	[1]	5.85	(0.444)	[1]
Copper	9.53	(0.208)	[1]	9.74	(0.21)	[1]
Iron	9910	(26.2)	[1]	11500	(26.5)	[1]
Lead	5.04	(2.08)	[1]	6.48	(2.1)	[1]
Magnesium	2820	(2.3)	[1]	3280	(2.32)	[1]
Manganese	204	(0.00995)	[1]	219	(0.01)	[1]
Molybdenum	0.47 B	(0.221)	[1]	0.65	(0.223)	[1]
Nickel	15	(0.919)	[1]	17.1	(0.928)	[1]
Potassium	404	(29.2)	[1]	542	(29.5)	[1]
Selenium	3.6 J	(3.73)	[1]	5.5	(3.76)	[1]
Silver	-0.0185 JB	(0.154)	[1]	-0.297 JB	(0.156)	[1]
Sodium	87.7	(2.18)	[1]	122	(2.21)	[1]
Thallium	0.655 JB	(5.85)	[1]	-0.0605 JB	(5.91)	[1]
Vanadium	20.3	(0.362)	[1]	20.5	(0.366)	[1]
Zinc	25.7	(0.245)	[1]	43.4	(0.248)	[1]
SW7060 - Arsenic (mg/kg)	3.54	(0.0696)	[1]	6.19	(0.139)	[2]
Arsenic						
SW7421 - Lead (mg/kg)	2.39 S	(0.164)	[2]	6.55 S	(0.327)	[4]
Lead						

Compiled: 16 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A12-3

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	1		1		1		1	
	01-MW-01 694-01-MW-01	01-MW-01 694-01-MW-01-FD Dup of 694-01-MW-01	01-MW-02 694-01-MW-02	01-MW-05 694-01-MW-05	380	370	0.00 JB (	15.0 J (
	(50.0)	(50.0)	(50.0)	(50.0)	(ug/L)	(100)	(100)	(50.0)
AK101 - Gasoline Range Organics	[1]	[1]	[1]	[1]				[1]
Gasoline Range Organics								
AK102 - Diesel Range Organics	[1]	[1]	[1]	[1]				[1]
Diesel Range Organics								
SW8080 - Organochlorine Pesticides and PCBs (ug/L)								
4,4'-DDD	ND (0.00225)	ND (0.00217)	ND (0.00220)	ND (0.00220)				ND (0.00220)
4,4'-DDE	ND (0.00464)	ND (0.00448)	ND (0.00453)	ND (0.00453)				ND (0.00455)
4,4'-DDT	0.00800 KJ (0.00878)	ND (0.00721)	0.00690 KJ (0.00856)	ND (0.00731)				ND (0.00731)
Aldrin	ND (0.00292)	ND (0.00282)	ND (0.00285)	ND (0.00286)				ND (0.00286)
Chlordane	ND (0.0240)	ND (0.0232)	ND (0.0234)	ND (0.0235)				ND (0.0235)
Dieldrin	0.00250 KJB (0.00403)	0.00250 KJB (0.00389)	ND (0.00242)	ND (0.00395)				ND (0.00395)
Endosulfan I	ND (0.00910)	ND (0.00879)	ND (0.00888)	ND (0.00892)				ND (0.00892)
Endosulfan II	ND (0.00380)	ND (0.00367)	ND (0.00371)	ND (0.00372)				ND (0.00372)
Endosulfan Sulfate	ND (0.00544)	ND (0.00526)	ND (0.00531)	ND (0.00533)				ND (0.00533)
Endrin	ND (0.00726)	ND (0.00701)	ND (0.00708)	ND (0.00712)				ND (0.00712)
Endrin Aldehyde	ND (0.00400)	ND (0.00386)	ND (0.00390)	ND (0.00392)				ND (0.00392)
Heptachlor	ND (0.00236)	ND (0.00228)	ND (0.00230)	ND (0.00231)				ND (0.00231)
Heptachlor epoxide	ND (0.00227)	ND (0.00219)	ND (0.00221)	ND (0.00222)				ND (0.00222)
Methoxychlor	ND (0.0547)	ND (0.0528)	ND (0.0534)	0.0525 KJ (0.0945)				ND (0.0945)
PCB-1016	ND (0.0244)	ND (0.0236)	ND (0.0238)	ND (0.0239)				ND (0.0239)
PCB-1221	ND (0.0232)	ND (0.0224)	ND (0.0226)	ND (0.0227)				ND (0.0227)
PCB-1232	ND (0.0175)	ND (0.0169)	ND (0.0171)	ND (0.0172)				ND (0.0172)
PCB-1242	ND (0.120)	ND (0.116)	ND (0.117)	ND (0.118)				ND (0.118)
PCB-1248	ND (0.0417)	ND (0.0403)	ND (0.0407)	ND (0.0409)				ND (0.0409)
PCB-1254	ND (0.0308)	ND (0.0298)	ND (0.0300)	ND (0.0302)				ND (0.0302)
PCB-1260	ND (0.0349)	ND (0.0337)	ND (0.0340)	ND (0.0342)				ND (0.0342)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report A13-1

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

1	1	1
01-MW-01	01-MW-02	01-MW-05
694-01-MW-01	694-01-MW-02	694-01-MW-05
694-01-MW-01-FD Dup of		
694-01-MW-01		

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)

Toxaphene	ND	(0.0427)	[1]	ND	(0.0413)	[1]	ND	(0.0417)	[1]	ND	(0.0419)	[1]
alpha-BHC	ND	(0.00429)	[1]	ND	(0.00414)	[1]	ND	(0.00418)	[1]	ND	(0.00289)	[1]
beta-BHC	0.0144	P (0.00339)	[1]	0.0189	(0.00328)	[1]	ND	(0.00331)	[1]	ND	(0.00332)	[1]
delta-BHC	ND	(0.00178)	[1]	ND	(0.00211)	[1]	ND	(0.00213)	[1]	ND	(0.00214)	[1]
gamma-BHC	ND	(0.00135)	[1]	ND	(0.00130)	[1]	ND	(0.00381)	[1]	ND	(0.00383)	[1]

SW8260 - Volatile Organic Compounds (ug/L)

1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	1.40	(0.0791)	[1]	1.62	(0.0791)	[1]	1.09	(0.0791)	[1]	0.770	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.87	(2.09)	[1]	6.27	(2.09)	[1]	4.62	(2.09)	[1]	4.93	(2.09)	[1]
Benzene	152	(0.154)	[5]	152	(0.154)	[5]	ND	(0.0307)	[1]	0.0400	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	1		1		1	
	01-MW-01 694-01-MW-01	01-MW-01 694-01-MW-01-FD Dup of 694-01-MW-01	01-MW-02 694-01-MW-02	01-MW-05 694-01-MW-05		
SW8260 - Volatile Organic Compounds, cont. (ug/L)						
Bromodichloromethane	ND (0.0536)	[1] ND (0.0536)	[1] ND (0.0536)	[1] ND (0.0536)	[1] ND (0.0536)	[1] ND (0.0536)
Bromoform	ND (0.108)	[1] ND (0.108)	[1] ND (0.108)	[1] ND (0.108)	[1] ND (0.108)	[1] ND (0.108)
Bromomethane	ND (0.0968)	[1] ND (0.0968)	[1] ND (0.0968)	[1] ND (0.0968)	[1] ND (0.0968)	[1] ND (0.0968)
Carbon disulfide	ND (0.161)	[1] ND (0.161)	[1] ND (0.161)	[1] ND (0.161)	[1] ND (0.161)	[1] ND (0.161)
Carbon tetrachloride	ND (0.117)	[1] ND (0.117)	[1] ND (0.117)	[1] ND (0.117)	[1] ND (0.117)	[1] ND (0.117)
Chlorobenzene	ND (0.112)	[1] ND (0.112)	[1] ND (0.112)	[1] ND (0.112)	[1] ND (0.112)	[1] ND (0.112)
Chloroethane	ND (0.0972)	[1] ND (0.0972)	[1] ND (0.0972)	[1] ND (0.0972)	[1] ND (0.0972)	[1] ND (0.0972)
Chloroform	ND (0.0363)	[1] ND (0.0363)	[1] ND (0.0363)	[1] ND (0.0363)	[1] ND (0.0363)	[1] ND (0.0363)
Chloromethane	0.570 (0.155)	[1] 0.650 (0.155)	[1] 0.610 (0.155)	[1] 0.280 B (0.155)	[1] 0.280 B (0.155)	[1] 0.280 B (0.155)
Dibromochloromethane	ND (0.0283)	[1] ND (0.0283)	[1] ND (0.0283)	[1] ND (0.0283)	[1] ND (0.0283)	[1] ND (0.0283)
Dibromomethane	0.220 (0.0598)	[1] ND (0.0598)	[1] ND (0.0598)	[1] ND (0.0598)	[1] ND (0.0598)	[1] ND (0.0598)
Ethyl benzene	0.100 J (0.110)	[1] 0.0900 J (0.110)	[1] ND (0.110)	[1] ND (0.110)	[1] ND (0.110)	[1] ND (0.110)
Meta-&Para-Xylene	0.100 J (0.365)	[1] 0.100 J (0.365)	[1] ND (0.365)	[1] ND (0.365)	[1] ND (0.365)	[1] ND (0.365)
Methylene Chloride	0.220 B (0.151)	[1] 0.190 B (0.151)	[1] 0.260 B (0.151)	[1] 0.230 B (0.151)	[1] 0.230 B (0.151)	[1] 0.230 B (0.151)
Ortho-Xylene	0.0500 J (0.124)	[1] ND (0.124)	[1] ND (0.124)	[1] ND (0.124)	[1] ND (0.124)	[1] ND (0.124)
Styrene	ND (0.113)	[1] ND (0.113)	[1] ND (0.113)	[1] ND (0.113)	[1] ND (0.113)	[1] ND (0.113)
Tetrachloroethene	ND (0.209)	[1] ND (0.209)	[1] ND (0.209)	[1] ND (0.209)	[1] ND (0.209)	[1] ND (0.209)
Toluene	0.240 (0.0336)	[1] 0.280 (0.0336)	[1] ND (0.0336)	[1] ND (0.0336)	[1] ND (0.0336)	[1] ND (0.0336)
Trichloroethene	ND (0.0439)	[1] ND (0.0439)	[1] ND (0.0439)	[1] ND (0.0439)	[1] ND (0.0439)	[1] ND (0.0439)
Trichlorofluoromethane	ND (0.0943)	[1] ND (0.0943)	[1] ND (0.0943)	[1] ND (0.0943)	[1] ND (0.0943)	[1] ND (0.0943)
Vinyl Chloride	ND (0.0992)	[1] ND (0.0992)	[1] ND (0.0992)	[1] ND (0.0992)	[1] ND (0.0992)	[1] ND (0.0992)
Vinyl acetate	ND (0.127)	[1] ND (0.127)	[1] ND (0.127)	[1] ND (0.127)	[1] ND (0.127)	[1] ND (0.127)
cis-1,2-Dichloroethene	ND (0.0785)	[1] ND (0.0785)	[1] ND (0.0785)	[1] ND (0.0785)	[1] ND (0.0785)	[1] ND (0.0785)
cis-1,3-Dichloropropene	ND (0.0758)	[1] ND (0.0758)	[1] ND (0.0758)	[1] ND (0.0758)	[1] ND (0.0758)	[1] ND (0.0758)
trans-1,2-Dichloroethene	ND (0.131)	[1] ND (0.131)	[1] ND (0.131)	[1] ND (0.131)	[1] ND (0.131)	[1] ND (0.131)
trans-1,3-Dichloropropene	ND (0.0829)	[1] ND (0.0829)	[1] ND (0.0829)	[1] ND (0.0829)	[1] ND (0.0829)	[1] ND (0.0829)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-3

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
 LOCATION ID
 SAMPLE ID

1	1	1
01-MW-01	01-MW-01	01-MW-05
694-01-MW-01	694-01-MW-01-FD Dup of	694-01-MW-05
	694-01-MW-01	

PARAMETER

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-4

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	1		1		1		8					
	01-MW-06 694-01-MW-06	01-MW-07 694-01-MW-07	01-MW-08 694-01-MW-08	01-MW-08 694-01-MW-08	02-GW-01 694-02-GW-01							
AK101 - Gasoline Range Organics (ug/L)	580	(50.0)	[1]	3.00 JB (100)	50.0	[1]	79.0	(50.0)	[1]	2.00 JB (100)	50.0	[1]
Gasoline Range Organics												
AK102 - Diesel Range Organics (ug/L)	350	(100)	[1]	0.00 JB (100)	100	[1]	380	(100)	[1]	0.00 JB (100)	100	[1]
Diesel Range Organics												
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00212)	[1]	ND (0.00210)	0.00210	[1]	ND	(0.00218)	[1]	ND	(0.0153)	[1]
4,4'-DDE	ND	(0.00540)	[1]	ND (0.00536)	0.00536	[1]	ND	(0.00556)	[1]	ND	(0.00337)	[1]
4,4'-DDT	ND	(0.00704)	[1]	0.00720 KJ (0.00820)	0.00820	[1]	ND	(0.00724)	[1]	0.00620	(0.00360)	[1]
Aldrin	ND	(0.00275)	[1]	ND (0.00273)	0.00273	[1]	ND	(0.00283)	[1]	ND	(0.00403)	[1]
Chlordane	ND	(0.0226)	[1]	ND (0.0224)	0.0224	[1]	ND	(0.0233)	[1]	ND	(0.0195)	[1]
Dieldrin	0.00230 KJB	(0.00380)	[1]	0.00230 KJB (0.00377)	0.00377	[1]	0.00230 KJB	(0.00391)	[1]	ND	(0.00399)	[1]
Endosulfan I	ND	(0.00858)	[1]	ND (0.00850)	0.00850	[1]	ND	(0.00883)	[1]	ND	(0.00210)	[1]
Endosulfan II	ND	(0.00358)	[1]	ND (0.00355)	0.00355	[1]	ND	(0.00369)	[1]	ND	(0.00369)	[1]
Endosulfan Sulfate	ND	(0.00513)	[1]	ND (0.00508)	0.00508	[1]	ND	(0.00528)	[1]	0.000400 KJ	(0.00981)	[1]
Endrin	ND	(0.00685)	[1]	ND (0.00678)	0.00678	[1]	ND	(0.00705)	[1]	ND	(0.00743)	[1]
Endrin Aldehyde	ND	(0.00377)	[1]	ND (0.00374)	0.00374	[1]	ND	(0.00388)	[1]	ND	(0.00613)	[1]
Heptachlor	ND	(0.00223)	[1]	0.000600 KJ (0.00119)	0.00119	[1]	ND	(0.00229)	[1]	ND	(0.00532)	[1]
Heptachlor epoxide	0.00330 P	(0.00236)	[1]	ND (0.00212)	0.00212	[1]	0.000900 KJ	(0.00220)	[1]	0.000400 KJ	(0.00917)	[1]
Methoxychlor	ND	(0.0516)	[1]	ND (0.0511)	0.0511	[1]	ND	(0.0531)	[1]	ND	(0.0387)	[1]
PCB-1016	ND	(0.0230)	[1]	ND (0.0228)	0.0228	[1]	ND	(0.0237)	[1]	ND	(0.0314)	[1]
PCB-1221	ND	(0.0219)	[1]	ND (0.0217)	0.0217	[1]	ND	(0.0225)	[1]	ND	(0.0283)	[1]
PCB-1232	ND	(0.0165)	[1]	ND (0.0164)	0.0164	[1]	ND	(0.0170)	[1]	ND	(0.0714)	[1]
PCB-1242	ND	(0.113)	[1]	ND (0.112)	0.112	[1]	ND	(0.117)	[1]	ND	(0.0262)	[1]
PCB-1248	ND	(0.0393)	[1]	ND (0.0390)	0.0390	[1]	ND	(0.0405)	[1]	ND	(0.0310)	[1]
PCB-1254	ND	(0.0291)	[1]	ND (0.0288)	0.0288	[1]	ND	(0.0299)	[1]	ND	(0.0124)	[1]
PCB-1260	ND	(0.0329)	[1]	ND (0.0326)	0.0326	[1]	ND	(0.0339)	[1]	ND	(0.0344)	[1]
Toxaphene	ND	(0.0403)	[1]	ND (0.0399)	0.0399	[1]	ND	(0.0415)	[1]	ND	(0.0553)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-5

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

1 1 1 8
01-MW-06 01-MW-07 01-MW-08 02-GW-01
G94-01-MW-06 G94-01-MW-07 G94-01-MW-08 G94-02-GW-01

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)

a]pha-BHC	0.00810	(	0.00405	[1]	ND	(	0.00401	[1]	ND	(	0.00416	[1]	ND	(	0.00281	[1]
beta-BHC	ND	(	0.00320	[1]	ND	(	0.00317	[1]	ND	(	0.00329	[1]	ND	(	0.00397	[1]
delta-BHC	ND	(0.00168	[1]	0.00790	B	(0.00204	[1]	ND	(0.00173	[1]	ND	(0.00229	[1]
gamma-BHC	ND	(	0.00369	[1]	ND	(	0.00365	[1]	ND	(	0.00380	[1]	ND	(	0.00175	[1]

SW8260 - Volatile Organic Compounds (ug/L)

1,1,1,2-Tetrachloroethane	ND	(	0.0851	[1]	ND	(	0.0851	[1]	ND	(	0.0851	[1]	ND	(	0.0851	[1]
1,1,1-Trichloroethane	ND	(	0.0992	[1]	ND	(	0.0992	[1]	ND	(	0.0992	[1]	ND	(	0.0992	[1]
1,1,2,2-Tetrachloroethane	ND	(	0.170	[1]	ND	(	0.170	[1]	ND	(	0.170	[1]	ND	(	0.170	[1]
1,1,2-Trichloroethane	ND	(	0.0920	[1]	ND	(	0.0920	[1]	ND	(	0.0920	[1]	ND	(	0.0920	[1]
1,1-Dichloroethane	ND	(	0.0886	[1]	ND	(	0.0886	[1]	ND	(	0.0886	[1]	ND	(	0.0886	[1]
1,1-Dichloroethene	ND	(	0.0806	[1]	ND	(	0.0806	[1]	ND	(	0.0806	[1]	ND	(	0.0806	[1]
1,2,3-Trichloropropane	ND	(	0.233	[1]	ND	(	0.233	[1]	ND	(	0.233	[1]	ND	(	0.233	[1]
1,2-Dichlorobenzene	ND	(	0.354	[1]	ND	(	0.354	[1]	ND	(	0.354	[1]	ND	(	0.354	[1]
1,2-Dichloroethane	1.23	(	0.0791	[1]	0.480	(	0.0791	[1]	1.07	(	0.0791	[1]	ND	(	0.0791	[1]
1,2-Dichloropropane	ND	(	0.0742	[1]	ND	(	0.0742	[1]	ND	(	0.0742	[1]	ND	(	0.0742	[1]
1,3-Dichlorobenzene	ND	(	0.391	[1]	ND	(	0.391	[1]	ND	(	0.391	[1]	ND	(	0.391	[1]
1,4-Dichlorobenzene	ND	(	0.423	[1]	ND	(	0.423	[1]	ND	(	0.423	[1]	ND	(	0.423	[1]
1-Chlorohexane	ND	(	0.154	[1]	ND	(	0.154	[1]	ND	(	0.154	[1]	ND	(	0.154	[1]
2-Butanone(MEK)	ND	(	0.890	[1]	ND	(	0.890	[1]	ND	(	0.890	[1]	ND	(	0.890	[1]
2-Chloroethyl vinyl ether	ND	(	0.124	[1]	ND	(	0.124	[1]	ND	(	0.124	[1]	ND	(	0.124	[1]
2-Hexanone	ND	(	0.766	[1]	ND	(	0.766	[1]	ND	(	0.766	[1]	ND	(	0.766	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(	0.501	[1]	ND	(	0.501	[1]	ND	(	0.501	[1]	ND	(	0.501	[1]
Acetone	4.78	B	(	2.09	[1]	5.32	(	2.09	[1]	5.01	B	(	2.09	[1]	2.64	B
Benzene	224	(0.154	[5]	0.0400	B	(0.0307	[1]	22.0	(0.0307	[1]	0.0300	JB	(0.0307	[1]
Bromobenzene	ND	(	0.165	[1]	ND	(	0.165	[1]	ND	(	0.165	[1]	ND	(	0.165	[1]
Bromodichloromethane	ND	(	0.0536	[1]	ND	(	0.0536	[1]	ND	(	0.0536	[1]	ND	(	0.0536	[1]
Bromoform	ND	(	0.108	[1]	ND	(	0.108	[1]	ND	(	0.108	[1]	ND	(	0.108	[1]

Complited: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

SITE ID
LOCATION ID
SAMPLE ID

1 1 1 8
01-MW-06 01-MW-07 01-MW-08 02-GW-01
694-01-MW-06 694-01-MW-07 694-01-MW-08 694-02-GW-01

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)

Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]
Chlorobenzene	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(0.0972)	[1]
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]
Chloromethane	0.290 B	(0.155)	[1]	ND	(0.155)	[1]	ND	(0.155)	[1]
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]
Dibromomethane	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]
Ethyl benzene	0.0200 J	(0.110)	[1]	ND	(0.110)	[1]	ND	(0.110)	[1]
Meta-&Para-Xylene	ND	(0.365)	[1]	ND	(0.365)	[1]	ND	(0.365)	[1]
Methylene Chloride	0.350 B	(0.151)	[1]	0.230 B	(0.151)	[1]	0.260 B	(0.151)	[1]
Ortho-Xylene	0.0600 J	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]
Toluene	0.330	(0.0336)	[1]	ND	(0.0336)	[1]	0.0300 JB	(0.0336)	[1]
Trichloroethene	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)	[1]
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)	[1]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]

SW8270 - Semivolatile Organics (ug/L)

1,2,4-Trichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	NA	NA	NA	NA	NA	NA	NA	NA	NA

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-7

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

1	1	8
01-MW-06	01-MW-08	02-GW-01
G94-01-MW-06	G94-01-MW-08	G94-02-GW-01

PARAMETER

SM8270 - Semivolatile Organics, cont. (ug/L)

1,3-Dichlorobenzene	NA	NA	ND	(	0.734)	[1]
1,4-Dichlorobenzene	NA	NA	ND	(	1.35)	[1]
2,4,5-Trichloropheno]	NA	NA	ND	(	0.460)	[1]
2,4,6-Trichloropheno]	NA	NA	ND	(	0.435)	[1]
2,4-Dichloropheno]	NA	NA	ND	(	0.677)	[1]
2,4-Dimethylpheno]	NA	NA	ND	(	0.628)	[1]
2,4-Dinitrophenol	NA	NA	ND	(	1.85)	[1]
2,4-Dinitrotoluene	NA	NA	ND	(	0.751)	[1]
2,6-Dinitrotoluene	NA	NA	ND	(	0.727)	[1]
2-Chloronaphthalene	NA	NA	ND	(	0.929)	[1]
2-Chloropheno]	NA	NA	ND	(	0.615)	[1]
2-Methylnaphthalene	NA	NA	ND	(	1.13)	[1]
2-Methylpheno]	NA	NA	ND	(	0.556)	[1]
2-Nitroaniline	NA	NA	ND	(	0.723)	[1]
2-Nitrophenol	NA	NA	ND	(	1.04)	[1]
3,3'-Dichlorobenzidine	NA	NA	ND	(	0.692)	[1]
3-Nitroaniline	NA	NA	ND	(	0.864)	[1]
4,6-Dinitro-2-methylpheno]	NA	NA	ND	(	0.442)	[1]
4-Bromophenyl phenyl ether	NA	NA	ND	(	0.727)	[1]
4-Chloro-3-methylpheno]	NA	NA	ND	(	0.604)	[1]
4-Chlorophenyl phenyl ether	NA	NA	ND	(	0.868)	[1]
4-Methylpheno]/3-Methylpheno]	NA	NA	ND	(	0.830)	[1]
4-Nitroaniline	NA	NA	ND	(	0.556)	[1]
4-Nitrophenol	NA	NA	ND	(	1.11)	[1]
Acenaphthene	NA	NA	ND	(	0.646)	[1]
Acenaphthylene	NA	NA	ND	(	0.441)	[1]
Anthracene	NA	NA	ND	(	0.444)	[1]
Benzo(a)anthracene	NA	NA	ND	(	0.494)	[1]

Compiled: 15 March 1995

() = Detection Limit □ = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

1	1	8
01-MW-06	01-MW-07	02-GW-01
694-01-MW-06	694-01-MW-07	694-02-GW-01

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Benzo(a)pyrene	NA	NA	ND	(	0.659	[1]
Benzo(b)fluoranthene	NA	NA	ND	(	0.742	[1]
Benzo(g,h,i)perylene	NA	NA	ND	(	0.661	[1]
Benzo(k)fluoranthene	NA	NA	ND	(	1.07	[1]
Benzoic acid	NA	NA	ND	(	3.00	[1]
Benzyl alcohol	NA	NA	ND	(	0.674	[1]
Butylbenzylphthalate	NA	NA	ND	(	0.866	[1]
Chrysene	NA	NA	ND	(	0.597	[1]
Di-n-octylphthalate	NA	NA	ND	(	0.650	[1]
Dibenz(a,h)anthracene	NA	NA	ND	(	0.704	[1]
Dibenzofuran	NA	NA	ND	(	0.517	[1]
Dibutylphthalate	NA	NA	ND	(	0.331	[1]
Diethylphthalate	NA	NA	ND	(	0.287	[1]
Dimethylphthalate	NA	NA	ND	(	0.429	[1]
Diphenylamine	NA	NA	ND	(	0.636	[1]
Fluoranthene	NA	NA	ND	(	0.663	[1]
Fluorene	NA	NA	ND	(	0.614	[1]
Hexachlorobenzene	NA	NA	ND	(	1.46	[1]
Hexachlorobutadiene	NA	NA	ND	(	0.950	[1]
Hexachlorocyclopentadiene	NA	NA	ND	(	0.821	[1]
Hexachloroethane	NA	NA	ND	(	5.37	[1]
Indeno(1,2,3-cd)pyrene	NA	NA	ND	(	0.516	[1]
Isophorone	NA	NA	ND	(	0.529	[1]
N-Nitroso-di-n-propylamine	NA	NA	ND	(	0.777	[1]
Naphthalene	NA	NA	ND	(	0.800	[1]
Nitrobenzene	NA	NA	ND	(	0.813	[1]
Pentachloropheno1	NA	NA	ND	(	0.626	[1]
Phenanthrene	NA	NA	ND	(	0.613	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-9

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

1	1	8
01-MW-06	01-MW-07	02-GW-01
G94-01-MW-06	G94-01-MW-07	G94-02-GW-01

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Phenol	NA	NA	ND	(	0.683)	[1]
Pyrene	NA	NA	ND	(	0.786)	[1]
bis(2-Chloroethoxy)methane	NA	NA	ND	(	0.650)	[1]
bis(2-Chloroethyl)ether	NA	NA	ND	(	0.647)	[1]
bis(2-Chloroisopropyl)ether	NA	NA	ND	(	1.07)	[1]
bis(2-Ethylhexyl)phthalate	NA	NA	ND	(	0.812)	[1]
p-Chloroaniline	NA	NA	ND	(	0.976)	[1]

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
02-GW-03
694-02-GW-03

8
02-GW-04
694-02-GW-04

8
02-GW-04
694-02-GW-04R

5
05-MW-02
694-05-MW-02

PARAMETER

PARAMETER	3.00 JB (50.0)	4.00 JB (50.0)	0.00 JB (100)	0.00 JB (50.0)	0.00 JB (100)	0.00 JB (50.0)	0.00 JB (100)
AK101 - Gasoline Range Organics (ug/L)	[1]	[1]	[1]	NA	[1]	0.00	[1]
Gasoline Range Organics							50.0
AK102 - Diesel Range Organics (ug/L)	[1]	[1]	[1]	NA	[1]	40.0	[1]
Diesel Range Organics							100
SW8080 - Organochlorine Pesticides and PCBs (ug/L)							
4,4'-DDD	ND (0.0149)	NA	ND (0.00214)	ND (0.00214)	[1]	ND (0.0162)	[1]
4,4'-DDE	ND (0.00328)	NA	ND (0.00442)	ND (0.00442)	[1]	ND (0.00358)	[1]
4,4'-DDT	ND (0.0124)	NA	0.00770 KJ (0.00836)	0.00770 KJ (0.00836)	[1]	ND (0.00382)	[1]
Aldrin	0.00680 (0.00392)	NA	ND (0.00278)	ND (0.00278)	[1]	ND (0.00428)	[1]
Chlordane	ND (0.0190)	NA	ND (0.0229)	ND (0.0229)	[1]	ND (0.0207)	[1]
Dieldrin	0.00840 (0.00267)	NA	ND (0.00384)	ND (0.00384)	[1]	ND (0.00292)	[1]
Endosulfan I	ND (0.00427)	NA	ND (0.00867)	ND (0.00867)	[1]	ND (0.00223)	[1]
Endosulfan II	ND (0.00359)	NA	ND (0.00362)	ND (0.00362)	[1]	ND (0.00392)	[1]
Endosulfan Sulfate	ND (0.00474)	NA	ND (0.00518)	ND (0.00518)	[1]	0.00190 KJ (0.0104)	[1]
Endrin	ND (0.00722)	NA	ND (0.00691)	ND (0.00691)	[1]	ND (0.00789)	[1]
Endrin Aldehyde	ND (0.00566)	NA	ND (0.00381)	ND (0.00381)	[1]	ND (0.00651)	[1]
Heptachlor	ND (0.00517)	NA	ND (0.00225)	ND (0.00225)	[1]	0.000400 KJ (0.00671)	[1]
Heptachlor epoxide	0.00490 P (0.00179)	NA	0.00140 KJ (0.00238)	0.00140 KJ (0.00238)	[1]	ND (0.00973)	[1]
Methoxychlor	ND (0.0377)	NA	ND (0.0521)	ND (0.0521)	[1]	ND (0.0411)	[1]
PCB-1016	ND (0.0306)	NA	ND (0.0232)	ND (0.0232)	[1]	ND (0.0334)	[1]
PCB-1221	ND (0.0275)	NA	ND (0.0221)	ND (0.0221)	[1]	ND (0.0300)	[1]
PCB-1232	ND (0.0694)	NA	ND (0.0167)	ND (0.0167)	[1]	ND (0.0758)	[1]
PCB-1242	ND (0.0254)	NA	ND (0.114)	ND (0.114)	[1]	ND (0.0278)	[1]
PCB-1248	ND (0.0301)	NA	ND (0.0397)	ND (0.0397)	[1]	ND (0.0329)	[1]
PCB-1254	ND (0.0121)	NA	ND (0.0293)	ND (0.0293)	[1]	ND (0.0132)	[1]
PCB-1260	ND (0.0335)	NA	ND (0.0332)	ND (0.0332)	[1]	ND (0.0365)	[1]
Toxaphene	ND (0.0537)	NA	ND (0.0407)	ND (0.0407)	[1]	ND (0.0587)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID SAMPLE ID	8 02-GW-04 694-02-GW-04	8 02-GW-04 694-02-GW-04R	5 05-MW-02 694-05-MW-02
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00273)	NA	ND (0.00408)	ND (0.00298)
beta-BHC	ND (0.00386)	NA	ND (0.00323)	ND (0.00421)
delta-BHC	ND (0.00222)	NA	ND (0.00208)	ND (0.00243)
gamma-BHC	ND (0.00160)	NA	ND (0.00372)	ND (0.00186)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND (0.0851)	NA	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND (0.0992)	NA	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND (0.170)	NA	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND (0.0920)	NA	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND (0.0886)	NA	ND (0.0886)
1,1-Dichloroethane	ND (0.0806)	ND (0.0806)	NA	ND (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND (0.233)	NA	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND (0.354)	NA	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	ND (0.0791)	NA	0.710 (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND (0.0742)	NA	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND (0.391)	NA	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND (0.423)	NA	ND (0.423)
1-Chlorohexane	ND (0.154)	ND (0.154)	NA	ND (0.154)
2-Butanone(MEK)	ND (0.890)	ND (0.890)	NA	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND (0.124)	NA	ND (0.124)
2-Hexanone	ND (0.766)	ND (0.766)	NA	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND (0.501)	NA	ND (0.501)
Acetone	2.73 B (2.09)	2.79 B (2.09)	NA	5.01 B (2.09)
Benzene	0.0300 JB (0.0307)	0.100 B (0.0307)	NA	0.0300 JB (0.0307)
Bromobenzene	ND (0.165)	ND (0.165)	NA	ND (0.165)
Bromodichloromethane	ND (0.0536)	ND (0.0536)	NA	ND (0.0536)
Bromoform	ND (0.108)	ND (0.108)	NA	ND (0.108)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-12

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		5	
	LOCATION ID SAMPLE ID	8 02-GW-04 G94-02-GW-04	8 02-GW-04 G94-02-GW-04R	5 05-MW-02 G94-05-MW-02
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	NA	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	NA	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	NA	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	NA	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	NA	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	NA	ND (0.0363) [1]
Chloromethane	ND (0.155) [1]	ND (0.155) [1]	NA	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	NA	ND (0.0283) [1]
Dibromomethane	0.220 (0.0598) [1]	ND (0.0598) [1]	NA	ND (0.0598) [1]
Ethyl benzene	0.0400 J (0.110) [1]	ND (0.110) [1]	NA	ND (0.110) [1]
Meta-&Para-Xylene	0.170 J (0.365) [1]	0.0600 J (0.365) [1]	NA	ND (0.365) [1]
Methylene Chloride	0.400 B (0.151) [1]	0.440 B (0.151) [1]	NA	0.210 B (0.151) [1]
Ortho-Xylene	0.0800 J (0.124) [1]	ND (0.124) [1]	NA	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	NA	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	NA	ND (0.209) [1]
Toluene	0.0900 (0.0336) [1]	0.230 (0.0336) [1]	NA	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	NA	ND (0.0439) [1]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	NA	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	NA	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	NA	ND (0.127) [1]
cis-1,2-Dichloroethene	ND (0.0785) [1]	ND (0.0785) [1]	NA	ND (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	NA	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	NA	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	NA	ND (0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.620) [1]	ND (0.658) [1]	NA	ND (0.435) [1]
1,2-Dichlorobenzene	ND (0.677) [1]	ND (0.718) [1]	NA	ND (0.608) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-13

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID SAMPLE ID	8 02-GW-03 G94-02-GW-03	8 02-GW-04 G94-02-GW-04	8 02-GW-04 G94-02-GW-04R
				5 05-MW-02 G94-05-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	ND	(0.731)	(0.776)	ND
1,4-Dichlorobenzene	ND	(1.35)	(1.43)	ND
2,4,5-Trichloropheno	ND	(0.458)	(0.486)	ND
2,4,6-Trichloropheno	ND	(0.433)	(0.459)	ND
2,4-Dichloropheno	ND	(0.674)	(0.715)	ND
2,4-Dimethylpheno	ND	(0.625)	(0.663)	ND
2,4-Dinitrophenol	ND	(1.84)	(1.95)	ND
2,4-Dinitrotoluene	ND	(0.747)	(0.793)	ND
2,6-Dinitrotoluene	ND	(0.723)	(0.767)	ND
2-Chloronaphthalene	ND	(0.925)	(0.982)	ND
2-Chloropheno	ND	(0.612)	(0.650)	ND
2-Methylnaphthalene	ND	(1.12)	(1.19)	ND
2-Methylpheno	ND	(0.553)	(0.587)	ND
2-Nitroaniline	ND	(0.719)	(0.763)	ND
2-Nitrophenol	ND	(1.04)	(1.10)	ND
3,3'-Dichlorobenzidine	ND	(0.688)	(0.731)	ND
3-Nitroaniline	ND	(0.860)	(0.912)	ND
4,6-Dinitro-2-methylpheno	ND	(0.439)	(0.466)	ND
4-Bromophenyl phenyl ether	ND	(0.723)	(0.767)	ND
4-Chloro-3-methylpheno	ND	(0.601)	(0.638)	ND
4-Chlorophenyl phenyl ether	ND	(0.863)	(0.916)	ND
4-Methylpheno/3-Methylpheno	ND	(0.826)	(0.877)	ND
4-Nitroaniline	ND	(0.553)	(0.587)	ND
4-Nitrophenol	ND	(1.11)	(1.17)	ND
Acenaphthene	ND	(0.643)	(0.683)	ND
Acenaphthylene	ND	(0.438)	(0.465)	ND
Anthracene	ND	(0.442)	(0.469)	ND
Benzo(a)anthracene	ND	(0.491)	(0.521)	ND

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-14

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		5	
	LOCATION ID SAMPLE ID	8 02-GW-04 694-02-GW-04	8 02-GW-04 694-02-GW-04R	5 05-MW-02 694-05-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)				
Benzo(a)pyrene	ND (0.656) [1]	ND (0.696) [1]	NA	ND (0.786) [1]
Benzo(b)fluoranthene	ND (0.738) [1]	ND (0.784) [1]	NA	ND (1.04) [1]
Benzo(g,h,i)perylene	ND (0.658) [1]	ND (0.698) [1]	NA	ND (1.12) [1]
Benzo(k)fluoranthene	ND (1.07) [1]	ND (1.13) [1]	NA	ND (1.09) [1]
Benzoic acid	ND (2.99) [1]	ND (3.17) [1]	NA	1.14 J (25.8) [1]
Benzyl alcohol	ND (0.671) [1]	ND (0.712) [1]	NA	ND (0.532) [1]
Butylbenzylphthalate	ND (0.862) [1]	ND (0.914) [1]	NA	ND (1.80) [1]
Chrysene	ND (0.594) [1]	ND (0.631) [1]	NA	ND (0.980) [1]
Di-n-octylphthalate	ND (0.647) [1]	ND (0.687) [1]	NA	ND (0.510) [1]
Dibenz(a,h)anthracene	ND (0.701) [1]	ND (0.744) [1]	NA	ND (0.990) [1]
Dibenzofuran	ND (0.514) [1]	ND (0.546) [1]	NA	ND (0.548) [1]
Dibutylphthalate	ND (0.330) [1]	ND (0.350) [1]	NA	ND (0.489) [1]
Diethylphthalate	ND (0.286) [1]	ND (0.303) [1]	NA	ND (0.251) [1]
Dimethylphthalate	ND (0.427) [1]	ND (0.453) [1]	NA	ND (0.443) [1]
Diphenylamine	ND (0.633) [1]	ND (0.671) [1]	NA	ND (0.890) [1]
Fluoranthene	ND (0.660) [1]	ND (0.700) [1]	NA	ND (0.583) [1]
Fluorene	ND (0.611) [1]	ND (0.648) [1]	NA	ND (0.454) [1]
Hexachlorobenzene	ND (1.45) [1]	ND (1.54) [1]	NA	ND (0.545) [1]
Hexachlorobutadiene	ND (0.945) [1]	ND (1.00) [1]	NA	ND (1.02) [1]
Hexachlorocyclopentadiene	ND (0.817) [1]	ND (0.867) [1]	NA	ND (1.18) [1]
Hexachloroethane	ND (5.35) [1]	ND (5.67) [1]	NA	ND (0.546) [1]
Indeno(1,2,3-cd)pyrene	ND (0.513) [1]	ND (0.545) [1]	NA	ND (0.874) [1]
Isophorone	ND (0.527) [1]	ND (0.559) [1]	NA	ND (0.320) [1]
N-Nitroso-di-n-propylamine	ND (0.773) [1]	ND (0.820) [1]	NA	ND (0.610) [1]
Naphthalene	ND (0.796) [1]	ND (0.845) [1]	NA	ND (0.764) [1]
Nitrobenzene	ND (0.809) [1]	ND (0.858) [1]	NA	ND (0.434) [1]
Pentachloropheno1	ND (0.623) [1]	ND (0.661) [1]	NA	ND (0.942) [1]
Phenanthrene	ND (0.610) [1]	ND (0.647) [1]	NA	ND (0.653) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-15

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8		8		5	
	02-GW-03		02-GW-04		05-MW-02	
	694-02-GW-03	694-02-GW-04	694-02-GW-04	694-02-GW-04R	694-05-MW-02	694-05-MW-02
Pheno1	ND (0.680)	ND (0.721)	NA	ND	ND (0.369)	[1]
Pyrene	ND (0.783)	ND (0.831)	NA	ND	ND (0.700)	[1]
bis(2-Chloroethoxy)methane	ND (0.647)	ND (0.687)	NA	ND	ND (0.625)	[1]
bis(2-Chloroethyl)ether	ND (0.644)	ND (0.684)	NA	ND	ND (0.482)	[1]
bis(2-Chloroisopropyl)ether	ND (1.07)	ND (1.13)	NA	ND	ND (0.438)	[1]
bis(2-Ethylhexyl)phthalate	ND (0.808)	ND (0.857)	NA	ND	ND (2.63)	[1]
p-Chloroaniline	ND (0.971)	ND (1.03)	NA	ND	ND (0.929)	[1]

SW8270 - Semivolatile Organics, cont. (ug/L)

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

5
05-MW-02
694-05-MW-02-FD Dup of
694-05-MW-02

5
05-MW-03
694-05-MW-03

5
05-MW-04
694-05-MW-04

5
05-MW-05
694-05-MW-05

PARAMETER	0.00 JB (	50.0)	[1]	17000	(	50.0)	[1]	110000	(	50.0)	[1]	130000	(	50.0)	[1]		
AK101 - Gasoline Range Organics (ug/L)	0.00	JB	(	50.0)	[1]	17000	(	50.0)	[1]	110000	(	50.0)	[1]	130000	(	50.0)	[1]
Gasoline Range Organics																	
AK102 - Diesel Range Organics (ug/L)	25.0	J	(	100)	[1]	2100	(	100)	[1]	13000	(	100)	[1]	6900	(	100)	[1]
Diesel Range Organics																	
SW8080 - Organochlorine Pesticides and PCBs (ug/L)																	
4,4'-DDD	ND	(	0.00305)	[1]	ND	(	0.00302)	[1]	ND	(	0.0147)	[5]	ND	(	0.00293)	[1]	
4,4'-DDE	ND	(	0.00351)	[1]	ND	(	0.00376)	[1]	ND	(	0.0169)	[5]	ND	(	0.00337)	[1]	
4,4'-DDT	0.0110	KJ	(	0.0133)	[1]	0.0106	KJ	(	0.0132)	[1]	0.0180)	[5]	0.00970	KJ	(	0.0128)	[1]
Aldrin	ND	(	0.00419)	[1]	ND	(	0.00415)	[1]	0.0407	(	0.0201)	[5]	0.00530	P	(	0.00403)	[1]
Chlordane	ND	(	0.0203)	[1]	ND	(	0.0201)	[1]	ND	(	0.0976)	[5]	ND	(	0.0195)	[1]	
Dieldrin	ND	(	0.00286)	[1]	0.00620	(	0.00283)	[1]	ND	(	0.0137)	[5]	0.00750	(	0.00275)	[1]	
Endosulfan I	ND	(	0.00219)	[1]	ND	(	0.00217)	[1]	ND	(	0.0105)	[5]	ND	(	0.00210)	[1]	
Endosulfan II	ND	(	0.00384)	[1]	ND	(	0.00380)	[1]	ND	(	0.0185)	[5]	ND	(	0.00369)	[1]	
Endosulfan Sulfate	0.00360	KJ	(	0.0102)	[1]	0.00280	KJ	(	0.0101)	[1]	0.0274	KJ	(	0.00487)	[1]		
Endrin	ND	(	0.00773)	[1]	ND	(	0.00765)	[1]	ND	(	0.0372)	[5]	0.000900	KJ	(	0.00743)	[1]
Endrin Aldehyde	ND	(	0.00638)	[1]	ND	(	0.00632)	[1]	ND	(	0.0307)	[5]	0.000200	PJ	(	0.00583)	[1]
Heptachlor	0.000400	KJ	(	0.00658)	[1]	0.00290	PJ	(	0.00548)	[1]	0.0114	J	(	0.00532)	[1]		
Heptachlor epoxide	ND	(	0.00192)	[1]	0.0155	(	0.00944)	[1]	0.124	(	0.0459)	[5]	0.0320	P	(	0.00185)	[1]
Methoxychlor	ND	(	0.0403)	[1]	ND	(	0.0399)	[1]	ND	(	0.194)	[5]	ND	(	0.0387)	[1]	
PCB-1016	ND	(	0.0327)	[1]	ND	(	0.0324)	[1]	ND	(	0.157)	[5]	ND	(	0.0314)	[1]	
PCB-1221	ND	(	0.0294)	[1]	ND	(	0.0291)	[1]	ND	(	0.141)	[5]	ND	(	0.0283)	[1]	
PCB-1232	ND	(	0.0743)	[1]	ND	(	0.0736)	[1]	ND	(	0.357)	[5]	ND	(	0.0714)	[1]	
PCB-1242	ND	(	0.0272)	[1]	ND	(	0.0269)	[1]	ND	(	0.131)	[5]	ND	(	0.0262)	[1]	
PCB-1248	ND	(	0.0322)	[1]	ND	(	0.0319)	[1]	ND	(	0.155)	[5]	ND	(	0.0310)	[1]	
PCB-1254	ND	(	0.0129)	[1]	ND	(	0.0128)	[1]	ND	(	0.0620)	[5]	ND	(	0.0124)	[1]	
PCB-1260	ND	(	0.0358)	[1]	ND	(	0.0354)	[1]	ND	(	0.172)	[5]	ND	(	0.0344)	[1]	

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-17

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	5		5		5	
	05-MW-02	05-MW-03	05-MW-04	05-MW-05	05-MW-05	05-MW-05
	694-05-MW-02-FD Dup of	694-05-MW-03	694-05-MW-04	694-05-MW-05	694-05-MW-05	694-05-MW-05
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)						
Toxaphene	ND (0.0575) [1]	ND (0.0569) [1]	ND (0.276) [5]	ND (0.0553) [1]	ND (0.0553) [1]	ND (0.0553) [1]
alpha-BHC	ND (0.00292) [1]	ND (0.00289) [1]	0.132 (0.0140) [5]	ND (0.00240) [1]	ND (0.00240) [1]	ND (0.00240) [1]
beta-BHC	ND (0.00413) [1]	0.000600 KJ (0.00409) [1]	ND (0.0199) [5]	ND (0.00326) [1]	ND (0.00326) [1]	ND (0.00326) [1]
delta-BHC	ND (0.00238) [1]	ND (0.00236) [1]	ND (0.0114) [5]	ND (0.00229) [1]	ND (0.00229) [1]	ND (0.00229) [1]
gamma-BHC	ND (0.00182) [1]	0.0363 (0.00180) [1]	0.0924 (0.00875) [5]	ND (0.00175) [1]	ND (0.00175) [1]	ND (0.00175) [1]

PARAMETER	5		5		5	
	05-MW-02	05-MW-03	05-MW-04	05-MW-05	05-MW-05	05-MW-05
	694-05-MW-02-FD Dup of	694-05-MW-03	694-05-MW-04	694-05-MW-05	694-05-MW-05	694-05-MW-05
SW8260 - Volatile Organic Compounds (ug/L)						
1,1,1,2-Tetrachloroethane	ND (0.0851) [1]	ND (0.0851) [1]	ND (21.3) [250]	ND (1.28) [15]	ND (1.28) [15]	ND (1.28) [15]
1,1,1-Trichloroethane	ND (0.0992) [1]	ND (0.0992) [1]	ND (24.8) [250]	ND (1.49) [15]	ND (1.49) [15]	ND (1.49) [15]
1,1,2,2-Tetrachloroethane	ND (0.170) [1]	ND (0.170) [1]	ND (42.5) [250]	ND (2.55) [15]	ND (2.55) [15]	ND (2.55) [15]
1,1,2-Trichloroethane	ND (0.0920) [1]	ND (0.0920) [1]	ND (23.0) [250]	ND (1.38) [15]	ND (1.38) [15]	ND (1.38) [15]
1,1-Dichloroethane	ND (0.0886) [1]	ND (0.0886) [1]	ND (22.2) [250]	ND (1.33) [15]	ND (1.33) [15]	ND (1.33) [15]
1,1-Dichloroethene	ND (0.0806) [1]	ND (0.0806) [1]	17.5 J (20.2) [250]	ND (1.21) [15]	ND (1.21) [15]	ND (1.21) [15]
1,2,3-Trichloropropane	ND (0.233) [1]	ND (0.233) [1]	ND (58.2) [250]	ND (3.50) [15]	ND (3.50) [15]	ND (3.50) [15]
1,2-Dichlorobenzene	ND (0.354) [1]	ND (0.354) [1]	ND (88.5) [250]	ND (5.31) [15]	ND (5.31) [15]	ND (5.31) [15]
1,2-Dichloroethane	0.830 (0.0791) [1]	0.840 (0.0791) [1]	ND (19.8) [250]	35.1 (1.19) [15]	35.1 (1.19) [15]	35.1 (1.19) [15]
1,2-Dichloropropane	ND (0.0742) [1]	ND (0.0742) [1]	ND (18.6) [250]	ND (1.11) [15]	ND (1.11) [15]	ND (1.11) [15]
1,3-Dichlorobenzene	ND (0.391) [1]	ND (0.391) [1]	ND (97.8) [250]	ND (5.86) [15]	ND (5.86) [15]	ND (5.86) [15]
1,4-Dichlorobenzene	ND (0.423) [1]	ND (0.423) [1]	ND (106) [250]	ND (6.34) [15]	ND (6.34) [15]	ND (6.34) [15]
1-Chlorohexane	ND (0.154) [1]	ND (0.154) [1]	ND (38.5) [250]	ND (2.31) [15]	ND (2.31) [15]	ND (2.31) [15]
2-Butanone(MEK)	ND (0.890) [1]	1.78 (0.890) [1]	400 (222) [250]	25.2 (13.4) [15]	25.2 (13.4) [15]	25.2 (13.4) [15]
2-Chloroethyl vinyl ether	ND (0.124) [1]	ND (0.124) [1]	ND (31.0) [250]	ND (1.86) [15]	ND (1.86) [15]	ND (1.86) [15]
2-Hexanone	ND (0.766) [1]	ND (0.766) [1]	ND (192) [250]	ND (11.5) [15]	ND (11.5) [15]	ND (11.5) [15]
4-Methyl-2-Pentanone(MIBK)	ND (0.501) [1]	ND (0.501) [1]	ND (125) [250]	46.2 (7.52) [15]	46.2 (7.52) [15]	46.2 (7.52) [15]
Acetone	5.00 B (2.09) [1]	14.4 (2.09) [1]	745 (522) [250]	54.2 (31.4) [15]	54.2 (31.4) [15]	54.2 (31.4) [15]
Benzene	0.0500 B (0.0307) [1]	4530 (3.07) [100]	27200 (30.7) [1000]	41000 (30.7) [1000]	41000 (30.7) [1000]	41000 (30.7) [1000]
Bromobenzene	ND (0.165) [1]	ND (0.165) [1]	ND (41.2) [250]	ND (2.48) [15]	ND (2.48) [15]	ND (2.48) [15]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

5 5 5
05-MW-02 05-MW-03 05-MW-04 05-MW-05
G94-05-MW-02-FD Dup of G94-05-MW-03 G94-05-MW-04 G94-05-MW-05

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)

Bromodichloromethane	ND	(0.0536)	[1]	ND	(0.0536)	[1]	ND	(13.4)	[250]	ND	(0.804)	[15]
Bromoform	ND	(0.108)	[1]	ND	(0.108)	[1]	ND	(27.0)	[250]	ND	(1.62)	[15]
Bromomethane	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(24.2)	[250]	ND	(1.45)	[15]
Carbon disulfide	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(40.2)	[250]	ND	(2.42)	[15]
Carbon tetrachloride	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(29.2)	[250]	ND	(1.76)	[15]
Chlorobenzene	ND	(0.112)	[1]	17.5 J	(0.112)	[1]	ND	(28.0)	[250]	ND	(1.68)	[15]
Chloroethane	ND	(0.0972)	[1]	ND	(0.0972)	[1]	ND	(24.3)	[250]	1.20 J	(1.46)	[15]
Chloroform	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(9.08)	[250]	ND	(0.544)	[15]
Chloromethane	0.510	(0.155)	[1]	ND	(0.155)	[1]	222	(38.8)	[250]	2.85	(2.32)	[15]
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(7.08)	[250]	ND	(0.424)	[15]
Dibromomethane	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(15.0)	[250]	ND	(0.897)	[15]
Ethyl benzene	ND	(0.110)	[1]	330	(3.30)	[30]	810	(27.5)	[250]	741	(1.65)	[15]
Meta-&Para-Xylene	0.0400 J	(0.365)	[1]	841	(11.0)	[30]	1840	(91.2)	[250]	2020	(91.2)	[250]
Methylene Chloride	0.950 B	(0.151)	[1]	0.930 B	(0.151)	[1]	398	(37.8)	[250]	20.2	(2.26)	[15]
Ortho-Xylene	ND	(0.124)	[1]	263	(3.72)	[30]	408	(31.0)	[250]	539	(1.86)	[15]
Styrene	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(28.2)	[250]	ND	(1.70)	[15]
Tetrachloroethene	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(52.2)	[250]	ND	(3.14)	[15]
Toluene	ND	(0.0336)	[1]	2200	(3.36)	[100]	13400	(33.6)	[1000]	19100	(33.6)	[1000]
Trichloroethene	0.300	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(11.0)	[250]	4.50	(0.658)	[15]
Trichlorofluoromethane	0.140	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(23.6)	[250]	ND	(1.41)	[15]
Vinyl Chloride	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(24.8)	[250]	ND	(1.49)	[15]
Vinyl acetate	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(31.8)	[250]	ND	(1.90)	[15]
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(19.6)	[250]	ND	(1.18)	[15]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(19.0)	[250]	ND	(1.14)	[15]
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(32.8)	[250]	ND	(1.96)	[15]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(20.7)	[250]	ND	(1.24)	[15]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-19

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	5		5		5		5		5	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
SW8270 - Semivolatile Organics (ug/L)										
1,2,4-Trichlorobenzene	ND	(0.893)	[1]	ND	(0.875)	[1]	ND	(0.431)	[1]	ND
1,2-Dichlorobenzene	ND	(0.755)	[1]	ND	(0.740)	[1]	ND	(0.602)	[1]	ND
1,3-Dichlorobenzene	ND	(0.459)	[1]	ND	(0.450)	[1]	ND	(0.548)	[1]	ND
1,4-Dichlorobenzene	ND	(0.719)	[1]	ND	(0.705)	[1]	ND	(0.717)	[1]	ND
2,4,5-Trichloropheno1	ND	(0.716)	[1]	ND	(0.702)	[1]	ND	(0.539)	[1]	ND
2,4,6-Trichloropheno1	ND	(0.515)	[1]	ND	(0.505)	[1]	ND	(0.642)	[1]	ND
2,4-Dichloropheno1	ND	(0.231)	[1]	ND	(0.226)	[1]	ND	(0.852)	[1]	ND
2,4-Dimethylpheno1	ND	(0.900)	[1]	7.73	(0.882)	[1]	150	(0.790)	[1]	35.0
2,4-Dinitrophenol	ND	(2.86)	[1]	ND	(2.80)	[1]	ND	(1.10)	[1]	ND
2,4-Dinitrotoluene	ND	(0.512)	[1]	ND	(0.502)	[1]	ND	(0.670)	[1]	ND
2,6-Dinitrotoluene	ND	(0.807)	[1]	ND	(0.791)	[1]	ND	(0.730)	[1]	ND
2-Chloronaphthalene	ND	(1.17)	[1]	ND	(1.15)	[1]	ND	(0.644)	[1]	ND
2-Chloropheno1	ND	(0.691)	[1]	ND	(0.677)	[1]	ND	(0.554)	[1]	ND
2-Methylnaphthalene	ND	(0.744)	[1]	16.2	(0.729)	[1]	ND	(0.569)	[1]	ND
2-Methylpheno1	ND	(0.649)	[1]	35.9	(0.636)	[1]	23.9	(0.569)	[1]	97.4
2-Nitroaniline	ND	(1.17)	[1]	ND	(1.15)	[1]	302	(1.54)	[5]	219
2-Nitrophenol	ND	(0.705)	[1]	ND	(0.691)	[1]	ND	(0.723)	[1]	ND
3,3'-Dichlorobenzidine	ND	(0.550)	[1]	ND	(0.539)	[1]	ND	(0.726)	[1]	ND
3-Nitroaniline	ND	(0.878)	[1]	ND	(0.860)	[1]	ND	(0.877)	[1]	ND
4,6-Dinitro-2-methylpheno1	ND	(0.996)	[1]	ND	(0.976)	[1]	ND	(0.763)	[1]	ND
4-Bromophenyl phenyl ether	ND	(0.899)	[1]	ND	(0.881)	[1]	ND	(0.962)	[1]	ND
4-Chloro-3-methylpheno1	ND	(0.679)	[1]	ND	(0.665)	[1]	ND	(0.411)	[1]	ND
4-Chlorophenyl phenyl ether	ND	(0.586)	[1]	ND	(0.574)	[1]	ND	(0.392)	[1]	ND
4-Methylpheno1/3-Methylpheno1	ND	(0.447)	[1]	16.0 F	(0.438)	[1]	252 F	(0.458)	[1]	ND
4-Nitroaniline	ND	(1.11)	[1]	ND	(1.09)	[1]	ND	(1.79)	[5]	128 F
4-Nitrophenol	ND	(2.85)	[1]	ND	(2.79)	[1]	ND	(1.07)	[1]	ND
Acenaphthene	ND	(0.742)	[1]	ND	(0.727)	[1]	ND	(1.14)	[1]	ND
								(0.626)	[1]	ND

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	5		5		5		5		5	
	05-MW-02 694-05-MW-02-FD Dup of 694-05-MW-02	05-MW-03 694-05-MW-03	05-MW-04 694-05-MW-04	05-MW-05 694-05-MW-05	05-MW-02 694-05-MW-02-FD Dup of 694-05-MW-02	05-MW-03 694-05-MW-03	05-MW-04 694-05-MW-04	05-MW-05 694-05-MW-05	05-MW-02 694-05-MW-02-FD Dup of 694-05-MW-02	05-MW-03 694-05-MW-03
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Acenaphthylene	(0.647)	(0.634)	(0.620)	(0.633)	(0.647)	(0.634)	(0.620)	(0.633)	(0.647)	(0.634)
Anthracene	(0.600)	(0.588)	(0.748)	(0.762)	(0.600)	(0.588)	(0.748)	(0.762)	(0.600)	(0.588)
Benzo(a)anthracene	(0.562)	(0.551)	(0.583)	(0.594)	(0.562)	(0.551)	(0.583)	(0.594)	(0.562)	(0.551)
Benzo(a)pyrene	(0.710)	(0.696)	(0.779)	(0.794)	(0.710)	(0.696)	(0.779)	(0.794)	(0.710)	(0.696)
Benzo(b)fluoranthene	(0.717)	(0.703)	(1.03)	(1.05)	(0.717)	(0.703)	(1.03)	(1.05)	(0.717)	(0.703)
Benzo(g,h,i)perylene	(0.691)	(0.677)	(1.11)	(1.13)	(0.691)	(0.677)	(1.11)	(1.13)	(0.691)	(0.677)
Benzo(k)fluoranthene	(0.902)	(0.884)	(1.08)	(1.10)	(0.902)	(0.884)	(1.08)	(1.10)	(0.902)	(0.884)
Benzoic acid	(6.15)	(6.03)	(2550)	(26.0)	(6.15)	(6.03)	(2550)	(26.0)	(6.15)	(6.03)
Benzyl alcohol	(0.620)	(0.608)	(0.527)	(0.538)	(0.620)	(0.608)	(0.527)	(0.538)	(0.620)	(0.608)
Butylbenzylphthalate	(1.81)	(1.77)	(1.79)	(1.82)	(1.81)	(1.77)	(1.79)	(1.82)	(1.81)	(1.77)
Chrysene	(0.744)	(0.729)	(0.971)	(0.990)	(0.744)	(0.729)	(0.971)	(0.990)	(0.744)	(0.729)
Di-n-octylphthalate	(0.814)	(0.798)	(0.505)	(0.515)	(0.814)	(0.798)	(0.505)	(0.515)	(0.814)	(0.798)
Dibenz(a,h)anthracene	(0.747)	(0.732)	(0.981)	(1.00)	(0.747)	(0.732)	(0.981)	(1.00)	(0.747)	(0.732)
Dibenzofuran	(0.567)	(0.556)	(0.543)	(0.553)	(0.567)	(0.556)	(0.543)	(0.553)	(0.567)	(0.556)
Dibutylphthalate	(0.594)	(0.582)	(0.484)	(0.494)	(0.594)	(0.582)	(0.484)	(0.494)	(0.594)	(0.582)
Diethylphthalate	(0.389)	(0.381)	(0.249)	(0.253)	(0.389)	(0.381)	(0.249)	(0.253)	(0.389)	(0.381)
Dimethylphthalate	(0.406)	(0.398)	(0.439)	(0.448)	(0.406)	(0.398)	(0.439)	(0.448)	(0.406)	(0.398)
Diphenylamine	(0.945)	(0.926)	(0.882)	(0.899)	(0.945)	(0.926)	(0.882)	(0.899)	(0.945)	(0.926)
Fluoranthene	(0.640)	(0.627)	(0.578)	(0.589)	(0.640)	(0.627)	(0.578)	(0.589)	(0.640)	(0.627)
Fluorene	(0.531)	(0.520)	(0.450)	(0.458)	(0.531)	(0.520)	(0.450)	(0.458)	(0.531)	(0.520)
Hexachlorobenzene	(0.719)	(0.705)	(0.540)	(0.550)	(0.719)	(0.705)	(0.540)	(0.550)	(0.719)	(0.705)
Hexachlorobutadiene	(0.752)	(0.737)	(1.01)	(1.03)	(0.752)	(0.737)	(1.01)	(1.03)	(0.752)	(0.737)
Hexachlorocyclopentadiene	(2.17)	(2.13)	(1.17)	(1.19)	(2.17)	(2.13)	(1.17)	(1.19)	(2.17)	(2.13)
Hexachloroethane	(0.860)	(0.843)	(0.541)	(0.551)	(0.860)	(0.843)	(0.541)	(0.551)	(0.860)	(0.843)
Indeno(1,2,3-cd)pyrene	(0.542)	(0.531)	(0.865)	(0.882)	(0.542)	(0.531)	(0.865)	(0.882)	(0.542)	(0.531)
Isophorone	(0.781)	(0.765)	(0.317)	(0.323)	(0.781)	(0.765)	(0.317)	(0.323)	(0.781)	(0.765)
N-Nitroso-di-n-propylamine	(0.440)	(0.431)	(0.604)	(0.616)	(0.440)	(0.431)	(0.604)	(0.616)	(0.440)	(0.431)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable * - Value considered suspect, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	5		5		5		5		5			
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID		
AK101 - Gasoline Range Organics (ug/L)	0.00	JB (50.0)	[1]	97000	(50.0)	[1]	1200	(50.0)	[1]	13.0	J (50.0)	[1]
Gasoline Range Organics												
AK102 - Diesel Range Organics (ug/L)	53.0	J (100)	[1]	8700	(100)	[1]	1200	(100)	[1]	140	(100)	[1]
Diesel Range Organics												
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00288)	[1]	ND	(0.0150)	[5]	ND	(0.00299)	[1]	ND	(0.0110)	[5]
4,4'-DDE	ND	(0.00331)	[1]	ND	(0.0172)	[5]	ND	(0.00344)	[1]	ND	(0.0227)	[5]
4,4'-DDT	ND	(0.00353)	[1]	0.0506	KJ (0.0652)	[5]	0.00640	(0.00367)	[1]	ND	(0.0366)	[5]
Aldrin	0.0114	(0.00395)	[1]	ND	(0.0120)	[5]	0.00540	(0.00411)	[1]	ND	(0.0143)	[5]
Chlordane	ND	(0.0192)	[1]	ND	(0.0995)	[5]	ND	(0.0199)	[1]	ND	(0.118)	[5]
Dieldrin	0.0169	(0.00270)	[1]	ND	(0.0140)	[5]	0.0102	(0.00280)	[1]	ND	(0.0198)	[5]
Endosulfan I	0.00200	PJ (0.00431)	[1]	ND	(0.0107)	[5]	0.00360	(0.00448)	[1]	ND	(0.0446)	[5]
Endosulfan II	ND	(0.00362)	[1]	ND	(0.0188)	[5]	ND	(0.00376)	[1]	ND	(0.0186)	[5]
Endosulfan Sulfate	ND	(0.00478)	[1]	0.00430	KJ (0.0500)	[5]	0.00410	(0.00497)	[1]	ND	(0.0267)	[5]
Endrin	ND	(0.00729)	[1]	ND	(0.0379)	[5]	ND	(0.00758)	[1]	ND	(0.0356)	[5]
Endrin Aldehyde	0.00140	PJ (0.00602)	[1]	ND	(0.0313)	[5]	ND	(0.00625)	[1]	ND	(0.0196)	[5]
Heptachlor	0.00280	J (0.00522)	[1]	0.00290	PJ (0.0271)	[5]	ND	(0.00542)	[1]	ND	(0.0116)	[5]
Heptachlor epoxide	0.00850	P (0.00181)	[1]	0.0270	P (0.00941)	[5]	0.00510	(0.00188)	[1]	ND	(0.0111)	[5]
Methoxychlor	ND	(0.0380)	[1]	ND	(0.198)	[5]	ND	(0.0395)	[1]	ND	(0.268)	[5]
PCB-1016	ND	(0.0308)	[1]	ND	(0.160)	[5]	ND	(0.0321)	[1]	ND	(0.120)	[5]
PCB-1221	ND	(0.0277)	[1]	ND	(0.144)	[5]	ND	(0.0288)	[1]	ND	(0.114)	[5]
PCB-1232	ND	(0.0701)	[1]	ND	(0.364)	[5]	ND	(0.0728)	[1]	ND	(0.0858)	[5]
PCB-1242	ND	(0.0257)	[1]	ND	(0.133)	[5]	ND	(0.0267)	[1]	ND	(0.588)	[5]
PCB-1248	ND	(0.0304)	[1]	ND	(0.158)	[5]	ND	(0.0316)	[1]	ND	(0.204)	[5]
PCB-1254	ND	(0.0122)	[1]	ND	(0.0632)	[5]	ND	(0.0126)	[1]	ND	(0.151)	[5]
PCB-1260	ND	(0.0338)	[1]	ND	(0.175)	[5]	ND	(0.0351)	[1]	ND	(0.171)	[5]
Toxaphene	ND	(0.0542)	[1]	ND	(0.282)	[5]	ND	(0.0564)	[1]	ND	(0.209)	[5]

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		5	
	LOCATION ID SAMPLE ID	5 05-MW-07 G94-05-MW-07	5 05-MW-11 G94-05-MW-11	5 05-MW-13 G94-05-MW-13
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00236)	[1] (0.0143)	[5] (0.00245)	[1] (0.0210)
beta-BHC	ND (0.00390)	[1] (0.0166)	[5] (0.00332)	[1] (0.0166)
delta-BHC	ND (0.00224)	[1] (0.0117)	[5] (0.00233)	[1] (0.0107)
gamma-BHC	0.00860 (0.00172)	[1] (0.00892)	[5] (0.00178)	[1] (0.00662)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	(1.28)	(0.0851)	(0.0851)
1,1,1-Trichloroethane	ND (0.0992)	(1.49)	(0.0992)	(0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	(2.55)	(0.170)	(0.170)
1,1,2-Trichloroethane	ND (0.0920)	(1.38)	(0.0920)	(0.0920)
1,1-Dichloroethane	ND (0.0886)	(1.33)	(0.0886)	(0.0886)
1,1-Dichloroethene	ND (0.0806)	(1.21)	(0.0806)	(0.0806)
1,2,3-Trichloropropane	ND (0.233)	(3.50)	(0.233)	(0.233)
1,2-Dichlorobenzene	ND (0.354)	(5.31)	(0.354)	(0.354)
1,2-Dichloroethane	ND (0.0791)	(1.19)	(0.0791)	(0.0791)
1,2-Dichloropropane	ND (0.0742)	(1.11)	(0.0742)	(0.0742)
1,3-Dichlorobenzene	ND (0.391)	(5.86)	(0.391)	(0.391)
1,4-Dichlorobenzene	ND (0.423)	(6.34)	(0.423)	(0.423)
1-Chlorohexane	ND (0.154)	(2.31)	(0.154)	(0.154)
2-Butanone(MEK)	ND (0.890)	(13.4)	(0.890)	(0.890)
2-Chloroethyl vinyl ether	ND (0.124)	(1.86)	(0.124)	(0.124)
2-Hexanone	ND (0.766)	(11.5)	(0.766)	(0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	(7.52)	(0.501)	(0.501)
Acetone	2.49 B (2.09)	(31.4)	(2.09)	(2.09)
Benzene	0.0700 B (0.0307)	(15.4)	(0.0307)	(0.0307)
Bromobenzene	ND (0.165)	(2.48)	(0.165)	(0.165)
Bromodichloromethane	ND (0.0536)	(0.804)	(0.0536)	(0.0536)
Bromoform	ND (0.108)	(1.62)	(0.108)	(0.108)

Compiled: 15 March 1995

[] = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-24

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID														
	5		5		5		5		5		5				
	05-MW-06	694-05-MW-06	05-MW-07	694-05-MW-07	05-MW-11	694-05-MW-11	05-MW-13	694-05-MW-13	05-MW-13	694-05-MW-13	05-MW-13	694-05-MW-13			
SW8260 - Volatile Organic Compounds, cont. (ug/L)															
Bromomethane	ND	(0.0968)	[1]	ND	(1.45)	[15]	ND	(0.0968)	[1]	ND	(0.0968)	[1]	ND	(0.0968)	[1]
Carbon disulfide	ND	(0.161)	[1]	ND	(2.42)	[15]	ND	(0.161)	[1]	ND	(0.161)	[1]	ND	(0.161)	[1]
Carbon tetrachloride	ND	(0.117)	[1]	ND	(1.76)	[15]	ND	(0.117)	[1]	ND	(0.117)	[1]	ND	(0.117)	[1]
Chlorobenzene	ND	(0.112)	[1]	ND	(1.68)	[15]	ND	(0.112)	[1]	ND	(0.112)	[1]	ND	(0.112)	[1]
Chloroethane	ND	(0.0972)	[1]	ND	(1.46)	[15]	ND	(0.0972)	[1]	0.0800	(0.0972)	[1]	ND	(0.0972)	[1]
Chloroform	ND	(0.0363)	[1]	ND	(0.544)	[15]	ND	(0.0363)	[1]	ND	(0.0363)	[1]	ND	(0.0363)	[1]
Chloromethane	ND	(0.155)	[1]	ND	(2.32)	[15]	ND	(0.155)	[1]	1.22	(0.155)	[1]	ND	(0.155)	[1]
Dibromochloromethane	ND	(0.0283)	[1]	ND	(0.424)	[15]	ND	(0.0283)	[1]	ND	(0.0283)	[1]	ND	(0.0283)	[1]
Dibromomethane	0.220	(0.0598)	[1]	ND	(0.897)	[15]	ND	(0.0598)	[1]	ND	(0.0598)	[1]	ND	(0.0598)	[1]
Ethyl benzene	ND	(0.110)	[1]	649	(1.65)	[15]	0.0900	(0.110)	[1]	0.0100	(0.110)	[1]	ND	(0.110)	[1]
Meta-&Para-Xylene	ND	(0.365)	[1]	2320	(91.2)	[250]	0.310	(0.365)	[1]	ND	(0.365)	[1]	ND	(0.365)	[1]
Methylene Chloride	0.160	(0.151)	[1]	3.60	(2.26)	[15]	0.130	(0.151)	[1]	0.230	(0.151)	[1]	ND	(0.151)	[1]
Ortho-Xylene	ND	(0.124)	[1]	768	(1.86)	[15]	0.300	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
Styrene	ND	(0.113)	[1]	ND	(1.70)	[15]	ND	(0.113)	[1]	ND	(0.113)	[1]	ND	(0.113)	[1]
Tetrachloroethene	ND	(0.209)	[1]	ND	(3.14)	[15]	ND	(0.209)	[1]	ND	(0.209)	[1]	ND	(0.209)	[1]
Toluene	0.0500	(0.0336)	[1]	20200	(16.8)	[500]	2.64	(0.0336)	[1]	0.0400	(0.0336)	[1]	ND	(0.0336)	[1]
Trichloroethene	ND	(0.0439)	[1]	ND	(0.658)	[15]	ND	(0.0439)	[1]	ND	(0.0439)	[1]	ND	(0.0439)	[1]
Trichlorofluoromethane	ND	(0.0943)	[1]	ND	(1.41)	[15]	ND	(0.0943)	[1]	ND	(0.0943)	[1]	ND	(0.0943)	[1]
Vinyl Chloride	ND	(0.0992)	[1]	ND	(1.49)	[15]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
Vinyl acetate	ND	(0.127)	[1]	ND	(1.90)	[15]	ND	(0.127)	[1]	ND	(0.127)	[1]	ND	(0.127)	[1]
cis-1,2-Dichloroethene	ND	(0.0785)	[1]	ND	(1.18)	[15]	ND	(0.0785)	[1]	ND	(0.0785)	[1]	ND	(0.0785)	[1]
cis-1,3-Dichloropropene	ND	(0.0758)	[1]	ND	(1.14)	[15]	ND	(0.0758)	[1]	ND	(0.0758)	[1]	ND	(0.0758)	[1]
trans-1,2-Dichloroethene	ND	(0.131)	[1]	ND	(1.96)	[15]	ND	(0.131)	[1]	ND	(0.131)	[1]	ND	(0.131)	[1]
trans-1,3-Dichloropropene	ND	(0.0829)	[1]	ND	(1.24)	[15]	ND	(0.0829)	[1]	ND	(0.0829)	[1]	ND	(0.0829)	[1]
SW8270 - Semivolatile Organics (ug/L)															
1,2,4-Trichlorobenzene	ND	(0.470)	[1]	ND	(0.427)	[1]	ND	(0.435)	[1]	ND	(0.435)	[1]	ND	(0.866)	[1]
1,2-Dichlorobenzene	ND	(0.570)	[1]	ND	(0.596)	[1]	ND	(0.608)	[1]	ND	(0.608)	[1]	ND	(0.733)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-25

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				
	5		5		5
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID
	05-MW-06	694-05-MW-06	05-MW-07	694-05-MW-07	05-MW-11
					694-05-MW-11
					05-MW-13
					694-05-MW-13

SW8270 - Semivolatile Organics, cont. (ug/L)					
1,3-Dichlorobenzene	ND	(0.382)	[1]	(0.542)	[1]
1,4-Dichlorobenzene	ND	(1.50)	[1]	(0.710)	[1]
2,4,5-Trichloropheno	ND	(0.305)	[1]	(0.534)	[1]
2,4,6-Trichloropheno	ND	(0.363)	[1]	(0.636)	[1]
2,4-Dichloropheno	ND	(0.381)	[1]	(0.844)	[1]
2,4-Dimethylpheno	ND	(0.621)	[1]	(0.783)	[1]
2,4-Dinitrophenol	ND	(1.14)	[1]	(1.09)	[1]
2,4-Dinitrotoluene	ND	(0.299)	[1]	(0.663)	[1]
2,6-Dinitrotoluene	ND	(0.583)	[1]	(0.723)	[1]
2-Chloronaphthalene	ND	(0.752)	[1]	(0.637)	[1]
2-Chloropheno	ND	(0.507)	[1]	(0.549)	[1]
2-Methylnaphthalene	ND	(0.765)	[1]	(0.563)	[1]
2-Methylpheno	ND	(0.450)	[1]	(3.05)	[10]
2-Nitroaniline	ND	(0.486)	[1]	(0.716)	[1]
2-Nitrophenol	ND	(0.729)	[1]	(0.719)	[1]
3,3'-Dichlorobenzidine	ND	(3.49)	[1]	(0.868)	[1]
3-Nitroaniline	ND	(0.482)	[1]	(0.756)	[1]
4,6-Dinitro-2-methylpheno	ND	(2.73)	[1]	(0.953)	[1]
4-Bromophenyl phenyl ether	ND	(0.272)	[1]	(0.407)	[1]
4-Chloro-3-methylpheno	ND	(0.358)	[1]	(0.388)	[1]
4-Chlorophenyl phenyl ether	ND	(0.425)	[1]	(0.454)	[1]
4-Methylpheno/3-Methylpheno	ND	(0.417)	[1]	(3.54)	[10]
4-Nitroaniline	ND	(0.586)	[1]	(1.06)	[1]
4-Nitrophenol	ND	(0.718)	[1]	(1.12)	[1]
Acenaphthene	ND	(0.570)	[1]	(0.620)	[1]
Acenaphthylene	ND	(0.581)	[1]	(0.614)	[1]
Anthracene	ND	(0.626)	[1]	(0.740)	[1]
Benzo(a)anthracene	ND	(0.687)	[1]	(0.577)	[1]
	ND	(0.446)	[1]	(0.553)	[1]
	ND	(0.698)	[1]	(0.724)	[1]
	ND	(0.695)	[1]	(0.544)	[1]
	ND	(0.500)	[1]	(0.648)	[1]
	ND	(0.224)	[1]	(0.861)	[1]
	ND	(0.873)	[1]	(0.798)	[1]
	ND	(2.77)	[1]	(1.11)	[1]
	ND	(0.497)	[1]	(0.676)	[1]
	ND	(0.783)	[1]	(0.737)	[1]
	ND	(1.14)	[1]	(0.650)	[1]
	ND	(0.670)	[1]	(0.560)	[1]
	ND	(0.722)	[1]	(0.575)	[1]
	ND	(0.630)	[1]	(0.311)	[1]
	ND	(1.14)	[1]	(0.730)	[1]
	ND	(0.684)	[1]	(0.733)	[1]
	ND	(0.534)	[1]	(0.885)	[1]
	ND	(0.851)	[1]	(0.771)	[1]
	ND	(0.966)	[1]	(0.972)	[1]
	ND	(0.872)	[1]	(0.415)	[1]
	ND	(0.658)	[1]	(0.396)	[1]
	ND	(0.568)	[1]	(0.463)	[1]
	ND	(0.434)	[1]	(0.361)	[1]
	ND	(1.08)	[1]	(1.08)	[1]
	ND	(2.76)	[1]	(1.15)	[1]
	ND	(0.720)	[1]	(0.632)	[1]
	ND	(0.628)	[1]	(0.626)	[1]
	ND	(0.582)	[1]	(0.755)	[1]
	ND	(0.546)	[1]	(0.588)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-26

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	5		5		5	
	05-MW-06 G94-05-MW-06	05-MW-07 G94-05-MW-07	05-MW-11 G94-05-MW-11	05-MW-13 G94-05-MW-13	05-MW-11 G94-05-MW-11	05-MW-13 G94-05-MW-13
SW8270 - Semivolatile Organics, cont. (ug/L)						
Benzo(a)pyrene	ND	(0.624)	(0.771)	(0.786)	(0.689)	(0.689)
Benzo(b)fluoranthene	ND	(0.612)	(1.02)	(1.04)	(0.696)	(0.696)
Benzo(g,h,i)perylene	ND	(0.662)	(1.10)	(1.12)	(0.670)	(0.670)
Benzo(k)fluoranthene	ND	(0.892)	(1.07)	(1.09)	(0.875)	(0.875)
Benzoic acid	1150	(5.69)	(253)	(25.8)	(5.97)	(5.97)
Benzyl alcohol	ND	(0.404)	(0.522)	(0.532)	(0.602)	(0.602)
Butylbenzylphthalate	ND	(0.447)	(1.77)	(1.80)	(1.75)	(1.75)
Chrysene	ND	(0.695)	(0.962)	(0.980)	(0.722)	(0.722)
Di-n-octylphthalate	ND	(0.609)	(0.500)	(0.510)	(0.790)	(0.790)
Dibenz(a,h)anthracene	ND	(0.764)	(0.971)	(0.990)	(0.725)	(0.725)
Dibenzofuran	ND	(0.574)	(0.537)	(0.548)	(0.550)	(0.550)
Dibutylphthalate	ND	(0.448)	(0.480)	(0.489)	(0.576)	(0.576)
Diethylphthalate	ND	(0.612)	(0.246)	(0.251)	(0.377)	(0.377)
Dimethylphthalate	ND	(0.382)	(0.435)	(0.443)	(0.394)	(0.394)
Diphenylamine	ND	(0.612)	(0.873)	(0.890)	(0.917)	(0.917)
Fluoranthene	ND	(0.634)	(0.572)	(0.583)	(0.621)	(0.621)
Fluorene	5.89	(0.670)	(0.445)	(0.454)	(0.515)	(0.515)
Hexachlorobenzene	ND	(0.507)	(0.535)	(0.545)	(0.698)	(0.698)
Hexachlorobutadiene	ND	(0.674)	(1.00)	(1.02)	(0.730)	(0.730)
Hexachlorocyclopentadiene	ND	(1.87)	(1.15)	(1.18)	(2.11)	(2.11)
Hexachloroethane	ND	(1.69)	(0.536)	(0.546)	(0.835)	(0.835)
Indeno(1,2,3-cd)pyrene	ND	(0.720)	(0.857)	(0.874)	(0.526)	(0.526)
Isophorone	ND	(0.321)	(0.313)	(0.320)	(0.757)	(0.757)
N-Nitroso-di-n-propylamine	ND	(0.535)	(0.598)	(0.610)	(0.427)	(0.427)
Naphthalene	126	(0.678)	(0.749)	(0.764)	(0.628)	(0.628)
Nitrobenzene	ND	(0.513)	(0.426)	(0.434)	(1.13)	(1.13)
Pentachlorophenol	ND	(0.458)	(0.924)	(0.942)	(1.05)	(1.05)
Phenanthrene	ND	(0.582)	(0.640)	(0.653)	(0.806)	(0.806)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-27

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		LOCATION ID	
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
	5	5	5	5
	05-MW-06	05-MW-07	05-MW-11	05-MW-13
	G94-05-MW-06	G94-05-MW-07	G94-05-MW-11	G94-05-MW-13

SW8270 - Semivolatitle Organics, cont. (ug/L)				
Pheno1	ND	302	ND	ND
Pyrene	(0.405)	(3.62)	(0.369)	(0.330)
bis(2-Chloroethoxy)methane	(0.753)	(0.687)	(0.700)	(0.442)
bis(2-Chloroethyl)ether	(0.515)	(0.613)	(0.625)	(0.830)
bis(2-Chloroisopropyl)ether	(0.561)	(0.473)	(0.482)	(0.915)
bis(2-Ethylhexyl)phthalate	(0.524)	(0.430)	(0.438)	(1.13)
p-Chloroaniline	(0.908)	(2.58)	(2.63)	(1.48)
	(0.847)	(0.912)	(0.929)	(0.880)

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5		8		8						
	LOCATION ID		LOCATION ID		LOCATION ID						
	SAMPLE ID	CONC	SAMPLE ID	CONC	SAMPLE ID	CONC					
AK101 - Gasoline Range Organics (ug/L)	76.0	(50.0)	10.0	J (50.0)	[1]	3800	(50.0)	[1]	38.0	J (50.0)	[1]
Gasoline Range Organics											
AK102 - Diesel Range Organics (ug/L)	0.00	JB (100)	28.0	J (100)	[1]	55.0	J (100)	[1]	0.00	JB (100)	[1]
Diesel Range Organics											
SW8080 - Organochlorine Pesticides and PCBs (ug/L)											
4,4'-DDD	ND	(0.00293)	ND	(0.00311)	[1]	ND	(0.00311)	[1]	0.0910	(0.00296)	[1]
4,4'-DDE	ND	(0.00365)	ND	(0.00388)	[1]	0.00460	(0.00459)	[1]	0.00760	(0.00341)	[1]
4,4'-DDT	ND	(0.00360)	0.0121	KJ (0.0136)	[1]	0.00840	KJ (0.00869)	[1]	0.0108	(0.00363)	[1]
Aldrin	0.00510	(0.00403)	ND	(0.00428)	[1]	ND	(0.00289)	[1]	0.00630	(0.00407)	[1]
Chlordane	ND	(0.0195)	ND	(0.0207)	[1]	ND	(0.0238)	[1]	ND	(0.0197)	[1]
Dieldrin	ND	(0.00399)	ND	(0.00292)	[1]	ND	(0.00399)	[1]	0.0204	(0.00278)	[1]
Endosulfan I	ND	(0.00210)	0.00120	KJ (0.00466)	[1]	ND	(0.00901)	[1]	ND	(0.00213)	[1]
Endosulfan II	ND	(0.00369)	ND	(0.00392)	[1]	ND	(0.00376)	[1]	ND	(0.00373)	[1]
Endosulfan Sulfate	0.00650	KJ (0.00981)	0.00280	KJ (0.0104)	[1]	ND	(0.00539)	[1]	0.00140	KJ (0.00990)	[1]
Endrin	ND	(0.00743)	ND	(0.00789)	[1]	ND	(0.00719)	[1]	ND	(0.00750)	[1]
Endrin Aldehyde	ND	(0.00613)	ND	(0.00651)	[1]	ND	(0.00396)	[1]	ND	(0.00619)	[1]
Heptachlor	ND	(0.00532)	ND	(0.00564)	[1]	0.000300	KJ (0.00126)	[1]	ND	(0.00537)	[1]
Heptachlor epoxide	0.0132	(0.00917)	0.000800	J (0.00973)	[1]	ND	(0.00225)	[1]	0.00820	KJ (0.00926)	[1]
Methoxychlor	ND	(0.0387)	ND	(0.0411)	[1]	ND	(0.0542)	[1]	ND	(0.0391)	[1]
PCB-1016	ND	(0.0314)	ND	(0.0334)	[1]	ND	(0.0242)	[1]	ND	(0.0317)	[1]
PCB-1221	ND	(0.0283)	ND	(0.0300)	[1]	ND	(0.0230)	[1]	ND	(0.0285)	[1]
PCB-1232	ND	(0.0714)	ND	(0.0758)	[1]	ND	(0.0173)	[1]	ND	(0.0721)	[1]
PCB-1242	ND	(0.0262)	ND	(0.0278)	[1]	ND	(0.119)	[1]	ND	(0.0264)	[1]
PCB-1248	ND	(0.0310)	ND	(0.0329)	[1]	ND	(0.0413)	[1]	ND	(0.0313)	[1]
PCB-1254	ND	(0.0124)	ND	(0.0132)	[1]	ND	(0.0305)	[1]	ND	(0.0125)	[1]
PCB-1260	ND	(0.0344)	ND	(0.0365)	[1]	ND	(0.0346)	[1]	ND	(0.0348)	[1]
Toxaphene	ND	(0.0553)	ND	(0.0587)	[1]	ND	(0.0423)	[1]	ND	(0.0558)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable * - Value considered suspect, Refer to QC Report A13-29

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		8	
	LOCATION ID SAMPLE ID	5 05-MW-15 694-05-MW-15	8 06-MW-01 694-06-MW-01	8 06-MW-02 694-06-MW-02
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00240)	[1] (0.00255)	ND (0.00425)	ND (0.00283)
beta-BHC	ND (0.00397)	[1] (0.00421)	ND (0.00336)	ND (0.00401)
delta-BHC	ND (0.00229)	[1] (0.00243)	ND (0.00216)	ND (0.00231)
gamma-BHC	ND (0.00175)	[1] (0.00186)	ND (0.00387)	ND (0.00177)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	[1] (0.0851)	ND (0.0851)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	[1] (0.0992)	ND (0.0992)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	[1] (0.170)	ND (0.170)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	[1] (0.0920)	ND (0.0920)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	[1] (0.0886)	1.26 (0.0886)	ND (0.0886)
1,1-Dichloroethene	ND (0.0806)	[1] (0.0806)	0.710 (0.0806)	0.0900 (0.0806)
1,2,3-Trichloropropane	ND (0.233)	[1] (0.233)	5.65 (0.233)	0.160 (0.233)
1,2-Dichlorobenzene	ND (0.354)	[1] (0.354)	ND (0.354)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	[1] (0.0791)	0.740 (0.0791)	1.07 (0.0791)
1,2-Dichloropropane	ND (0.0742)	[1] (0.0742)	ND (0.0742)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	[1] (0.391)	ND (0.391)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	[1] (0.423)	ND (0.423)	ND (0.423)
1-Chlorohexane	ND (0.154)	[1] (0.154)	ND (0.154)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	[1] (0.890)	ND (0.890)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	[1] (0.124)	ND (0.124)	ND (0.124)
2-Hexanone	ND (0.766)	[1] (0.766)	ND (0.766)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	[1] (0.501)	ND (0.501)	ND (0.501)
Acetone	2.43 B (2.09)	[1] (2.09)	4.92 B (2.09)	6.08 (2.09)
Benzene	0.0400 B (0.0307)	[1] (0.0307)	0.640 (0.0307)	0.0500 B (0.0307)
Bromobenzene	ND (0.165)	[1] (0.165)	ND (0.165)	ND (0.165)
Bromodichloromethane	ND (0.0536)	[1] (0.0536)	ND (0.0536)	ND (0.0536)
Bromoform	ND (0.108)	[1] (0.108)	ND (0.108)	ND (0.108)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		8	
	LOCATION ID SAMPLE ID	5 05-MW-14 694-05-MW-14	5 05-MW-15 694-05-MW-15	8 06-MW-01 694-06-MW-01
SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromomethane	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]	ND (0.0968) [1]
Carbon disulfide	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]	ND (0.161) [1]
Carbon tetrachloride	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]	ND (0.117) [1]
Chlorobenzene	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]	ND (0.112) [1]
Chloroethane	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]	ND (0.0972) [1]
Chloroform	ND (0.0363) [1]	ND (0.0363) [1]	1.96 (0.0363) [1]	0.200 (0.0363) [1]
Chloromethane	0.170 B (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]	ND (0.155) [1]
Dibromochloromethane	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]	ND (0.0283) [1]
Dibromomethane	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]	ND (0.0598) [1]
Ethyl benzene	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]	ND (0.110) [1]
Meta-&Para-Xylene	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]	ND (0.365) [1]
Methylene Chloride	0.230 B (0.151) [1]	0.190 B (0.151) [1]	1.26 B (0.151) [1]	0.340 B (0.151) [1]
Ortho-Xylene	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
Styrene	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]	ND (0.113) [1]
Tetrachloroethene	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]	ND (0.209) [1]
Toluene	0.0300 JB (0.0336) [1]	0.0700 (0.0336) [1]	0.200 (0.0336) [1]	ND (0.0336) [1]
Trichloroethene	ND (0.0439) [1]	ND (0.0439) [1]	7550 (0.0439) [1]	77.7 (0.132) [3]
Trichlorofluoromethane	ND (0.0943) [1]	ND (0.0943) [1]	0.110 (0.0943) [1]	ND (0.0943) [1]
Vinyl Chloride	ND (0.0992) [1]	ND (0.0992) [1]	0.760 (0.0992) [1]	ND (0.0992) [1]
Vinyl acetate	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]	ND (0.127) [1]
cis-1,2-Dichloroethene	ND (0.0785) [1]	ND (0.0785) [1]	2660 (0.0785) [1]	0.520 (0.0785) [1]
cis-1,3-Dichloropropene	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]	ND (0.0758) [1]
trans-1,2-Dichloroethene	ND (0.131) [1]	ND (0.131) [1]	185 (0.131) [1]	ND (0.131) [1]
trans-1,3-Dichloropropene	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]	ND (0.0829) [1]
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.431) [1]	ND (0.440) [1]	ND (0.617) [1]	ND (0.486) [1]
1,2-Dichlorobenzene	ND (0.602) [1]	ND (0.614) [1]	ND (0.674) [1]	ND (0.589) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-31

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		8	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	05-MW-14	05-MW-15	06-MW-01	06-MW-02
	G94-05-MW-14	G94-05-MW-15	G94-06-MW-01	G94-06-MW-02

SW8270 - Semivolatile Organics, cont. (ug/L)				
1,3-Dichlorobenzene	ND	ND	ND	ND
1,4-Dichlorobenzene	(0.548)	(0.558)	(0.727)	(0.395)
2,4,5-Trichloropheno]	(0.717)	(0.731)	(1.34)	(1.55)
2,4,6-Trichloropheno]	(0.539)	(0.550)	(0.456)	(0.315)
2,4-Dichloropheno]	(0.642)	(0.654)	(0.431)	(0.376)
2,4-Dimethylpheno]	(0.852)	(0.869)	(0.671)	(0.394)
2,4-Dinitrophenol	(0.790)	(0.806)	(0.622)	(0.642)
2,4-Dinitrotoluene	(1.10)	(1.12)	(1.83)	(1.18)
2,6-Dinitrotoluene	(0.670)	(0.683)	(0.744)	(0.309)
2-Chloronaphthalene	(0.730)	(0.745)	(0.720)	(0.603)
2-Chloropheno]	(0.644)	(0.656)	(0.921)	(0.778)
2-Methylnaphthalene	(0.554)	(0.565)	(0.610)	(0.524)
2-Methylpheno]	(0.569)	(0.580)	(1.12)	(0.791)
2-Nitroaniline	(0.308)	(0.314)	(0.550)	(0.465)
2-Nitrophenol	(0.723)	(0.738)	(0.716)	(0.502)
3,3'-Dichlorobenzidine	(0.726)	(0.741)	(1.03)	(0.754)
3-Nitroaniline	(0.877)	(0.894)	(0.685)	(3.61)
4,6-Dinitro-2-methylpheno]	(0.763)	(0.778)	(0.856)	(0.499)
4-Bromophenyl phenyl ether	(0.962)	(0.981)	(0.437)	(2.82)
4-Chloro-3-methylpheno]	(0.411)	(0.419)	(0.720)	(0.281)
4-Chlorophenyl phenyl ether	(0.392)	(0.400)	(0.598)	(0.371)
4-Methylpheno]/3-Methylpheno]	(0.458)	(0.467)	(0.859)	(0.440)
4-Nitroaniline	(0.357)	(0.364)	(0.822)	(0.431)
4-Nitrophenol	(1.07)	(1.09)	(0.550)	(0.606)
Acenaphthene	(1.14)	(1.16)	(1.10)	(0.742)
Acenaphthylene	(0.626)	(0.639)	(0.640)	(0.589)
Anthracene	(0.620)	(0.633)	(0.436)	(0.601)
Benzo(a)anthracene	(0.748)	(0.762)	(0.440)	(0.648)
	(0.583)	(0.594)	(0.489)	(0.710)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected MA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

5 05-MW-14 G94-05-MW-14	5 05-MW-15 G94-05-MW-15	8 06-MW-01 G94-06-MW-01	8 06-MW-02 G94-06-MW-02
-------------------------------	-------------------------------	-------------------------------	-------------------------------

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Benzo(a)pyrene	ND	(	0.779	)	[1]	ND	(	0.794	)	[1]	ND	(	0.653	)	[1]	ND	(	0.645	)	[1]
Benzo(b)fluoranthene	ND	(	1.03	)	[1]	ND	(	1.05	)	[1]	ND	(	0.735	)	[1]	ND	(	0.633	)	[1]
Benzo(g,h,i)perylene	ND	(	1.11	)	[1]	ND	(	1.13	)	[1]	ND	(	0.655	)	[1]	ND	(	0.685	)	[1]
Benzo(k)fluoranthene	ND	(	1.08	)	[1]	ND	(	1.10	)	[1]	ND	(	1.06	)	[1]	ND	(	0.922	)	[1]
Benzoic acid	ND	(	25.5	)	[1]	ND	(	26.0	)	[1]	ND	(	2.98	)	[1]	ND	(	5.88	)	[1]
Benzy alcohol	ND	(	0.527	)	[1]	ND	(	0.538	)	[1]	ND	(	0.668	)	[1]	ND	(	0.418	)	[1]
Butylbenzylphthalate	ND	(	1.79	)	[1]	ND	(	1.82	)	[1]	ND	(	0.857	)	[1]	ND	(	0.462	)	[1]
Chrysene	ND	(	0.971	)	[1]	ND	(	0.990	)	[1]	ND	(	0.591	)	[1]	ND	(	0.719	)	[1]
Di-n-octylphthalate	ND	(	0.505	)	[1]	ND	(	0.515	)	[1]	ND	(	0.644	)	[1]	ND	(	0.630	)	[1]
Dibenz(a,h)anthracene	ND	(	0.981	)	[1]	ND	(	1.00	)	[1]	ND	(	0.698	)	[1]	ND	(	0.790	)	[1]
Dibenzofuran	ND	(	0.543	)	[1]	ND	(	0.553	)	[1]	ND	(	0.512	)	[1]	ND	(	0.593	)	[1]
Dibutylphthalate	ND	(	0.484	)	[1]	ND	(	0.494	)	[1]	ND	(	0.328	)	[1]	ND	(	0.463	)	[1]
Diethylphthalate	ND	(	0.249	)	[1]	ND	(	0.253	)	[1]	ND	(	0.284	)	[1]	ND	(	0.633	)	[1]
Dimethylphthalate	ND	(	0.439	)	[1]	ND	(	0.448	)	[1]	ND	(	0.425	)	[1]	ND	(	0.395	)	[1]
Diphenylamine	ND	(	0.882	)	[1]	ND	(	0.899	)	[1]	ND	(	0.630	)	[1]	ND	(	0.633	)	[1]
Fluoranthene	ND	(	0.578	)	[1]	ND	(	0.589	)	[1]	ND	(	0.656	)	[1]	ND	(	0.656	)	[1]
Fluorene	ND	(	0.450	)	[1]	ND	(	0.458	)	[1]	ND	(	0.608	)	[1]	ND	(	0.693	)	[1]
Hexachlorobenzene	ND	(	0.540	)	[1]	ND	(	0.550	)	[1]	ND	(	1.44	)	[1]	ND	(	0.524	)	[1]
Hexachlorobutadiene	ND	(	1.01	)	[1]	ND	(	1.03	)	[1]	ND	(	0.941	)	[1]	ND	(	0.697	)	[1]
Hexachlorocyclopentadiene	ND	(	1.17	)	[1]	ND	(	1.19	)	[1]	ND	(	0.813	)	[1]	ND	(	1.93	)	[1]
Hexachloroethane	ND	(	0.541	)	[1]	ND	(	0.551	)	[1]	ND	(	5.32	)	[1]	ND	(	1.75	)	[1]
Indeno(1,2,3-cd)pyrene	ND	(	0.865	)	[1]	ND	(	0.882	)	[1]	ND	(	0.511	)	[1]	ND	(	0.744	)	[1]
Isophorone	ND	(	0.317	)	[1]	ND	(	0.323	)	[1]	ND	(	0.524	)	[1]	ND	(	0.332	)	[1]
N-Nitroso-di-n-propylamine	ND	(	0.604	)	[1]	ND	(	0.616	)	[1]	ND	(	0.769	)	[1]	ND	(	0.553	)	[1]
Naphthalene	ND	(	0.756	)	[1]	ND	(	0.771	)	[1]	ND	(	0.792	)	[1]	ND	(	0.701	)	[1]
Nitrobenzene	ND	(	0.430	)	[1]	ND	(	0.439	)	[1]	ND	(	0.805	)	[1]	ND	(	0.531	)	[1]
Pentachloropheno]	ND	(	0.933	)	[1]	ND	(	0.951	)	[1]	ND	(	0.620	)	[1]	ND	(	0.474	)	[1]
Phenanthrene	ND	(	0.647	)	[1]	ND	(	0.659	)	[1]	ND	(	0.607	)	[1]	ND	(	0.602	)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-33

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	5		8	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
	05-MW-14	05-MW-15	06-MW-01	06-MW-02
	G94-05-MW-14	G94-05-MW-15	G94-06-MW-01	G94-06-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)				
Phenol	ND (0.365) [1]	ND (0.372) [1]	ND (0.677) [1]	ND (0.419) [1]
Pyrene	ND (0.693) [1]	ND (0.707) [1]	ND (0.779) [1]	ND (0.779) [1]
bis(2-Chloroethoxy)methane	ND (0.619) [1]	ND (0.632) [1]	ND (0.644) [1]	ND (0.533) [1]
bis(2-Chloroethyl) ether	ND (0.478) [1]	ND (0.487) [1]	ND (0.641) [1]	ND (0.580) [1]
bis(2-Chloroisopropyl) ether	ND (0.434) [1]	ND (0.443) [1]	ND (1.06) [1]	ND (0.541) [1]
bis(2-Ethylhexyl) phthalate	ND (2.60) [1]	ND (2.65) [1]	ND (0.804) [1]	2.24 (0.940) [1]
p-Chloroaniline	ND (0.920) [1]	ND (0.939) [1]	ND (0.967) [1]	ND (0.876) [1]

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	8		8		8		8		8	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
AK101 - Gasoline Range Organics (ug/L)	7.00 J (50.0)	[1]	4.00 JB (50.0)	[1]	5400 (50.0)	[1]	1000 (50.0)	[1]	49.0 J (100)	[1]
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)	58.0 J (100)	[1]	0.00 JB (100)	[1]	3200 (100)	[1]	49.0 J (100)	[1]		
Diesel Range Organics										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDB	ND (0.00285)	[1]	ND (0.00296)	[1]	ND (0.0110)	[5]	ND (0.00308)	[1]		
4,4'-DDE	ND (0.00328)	[1]	ND (0.00341)	[1]	ND (0.0227)	[5]	ND (0.00354)	[1]		
4,4'-DDT	ND (0.00350)	[1]	ND (0.00363)	[1]	ND (0.0366)	[5]	ND (0.00378)	[1]		
Aldrin	ND (0.00392)	[1]	ND (0.00407)	[1]	ND (0.0143)	[5]	ND (0.00423)	[1]		
Chlordane	ND (0.0190)	[1]	ND (0.0197)	[1]	ND (0.118)	[5]	ND (0.0205)	[1]		
Dieldrin	ND (0.00267)	[1]	ND (0.00403)	[1]	ND (0.0198)	[5]	ND (0.00289)	[1]		
Endosulfan I	ND (0.00205)	[1]	ND (0.00213)	[1]	ND (0.0446)	[5]	ND (0.00221)	[1]		
Endosulfan II	ND (0.00359)	[1]	ND (0.00373)	[1]	ND (0.0186)	[5]	ND (0.00388)	[1]		
Endosulfan Sulfate	0.000200 KJ (0.00953)	[1]	0.00290 KJ (0.00990)	[1]	ND (0.0267)	[5]	ND (0.00512)	[1]		
Endrin	ND (0.00722)	[1]	ND (0.00750)	[1]	ND (0.0356)	[5]	ND (0.00781)	[1]		
Endrin Aldehyde	ND (0.00596)	[1]	0.00120 KJ (0.00619)	[1]	ND (0.0196)	[5]	0.00110 PJ (0.00612)	[1]		
Heptachlor	ND (0.00517)	[1]	0.000100 KJ (0.00639)	[1]	ND (0.0116)	[5]	0.00250 KJ (0.00558)	[1]		
Heptachlor epoxide	ND (0.00892)	[1]	ND (0.00926)	[1]	ND (0.0123)	[5]	ND (0.00194)	[1]		
Methoxychlor	ND (0.0377)	[1]	ND (0.0391)	[1]	ND (0.268)	[5]	0.0358 KJ (0.0632)	[1]		
PCB-1016	ND (0.0306)	[1]	ND (0.0317)	[1]	ND (0.120)	[5]	ND (0.0330)	[1]		
PCB-1221	ND (0.0275)	[1]	ND (0.0285)	[1]	ND (0.114)	[5]	ND (0.0297)	[1]		
PCB-1232	ND (0.0694)	[1]	ND (0.0721)	[1]	ND (0.0858)	[5]	ND (0.0750)	[1]		
PCB-1242	ND (0.0254)	[1]	ND (0.0264)	[1]	ND (0.588)	[5]	ND (0.0275)	[1]		
PCB-1248	ND (0.0301)	[1]	ND (0.0313)	[1]	ND (0.204)	[5]	ND (0.0325)	[1]		
PCB-1254	ND (0.0121)	[1]	ND (0.0125)	[1]	ND (0.151)	[5]	ND (0.0130)	[1]		
PCB-1260	ND (0.0335)	[1]	ND (0.0348)	[1]	ND (0.171)	[5]	ND (0.0362)	[1]		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	8 06-MW-03 G94-06-MW-03	8 06-MW-04 G94-06-MW-04	8 06-MW-05 G94-06-MW-05	

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
Toxaphene	ND (0.0537) [1]	ND (0.0558) [1]	ND (0.209) [5]	ND (0.0581) [1]
alpha-BHC	ND (0.00273) [1]	ND (0.00283) [1]	ND (0.0210) [5]	ND (0.00252) [1]
beta-BHC	ND (0.00386) [1]	ND (0.00401) [1]	ND (0.0166) [5]	ND (0.00417) [1]
delta-BHC	ND (0.00222) [1]	ND (0.00231) [1]	ND (0.00872) [5]	ND (0.00240) [1]
gamma-BHC	ND (0.00170) [1]	ND (0.00177) [1]	0.0511 P (0.00662) [5]	ND (0.00184) [1]

SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]
1,1,1-Trichloroethane	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
1,1,2,2-Tetrachloroethane	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]
1,1,2-Trichloroethane	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]
1,1-Dichloroethane	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]
1,1-Dichloroethene	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]	ND (0.0806) [1]
1,2,3-Trichloropropane	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]
1,2-Dichlorobenzene	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]
1,2-Dichloroethane	ND (0.0791) [1]	ND (0.0791) [1]	0.700 (0.0791) [1]	ND (0.0791) [1]
1,2-Dichloropropane	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]
1,3-Dichlorobenzene	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]
1,4-Dichlorobenzene	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]
1-Chlorohexane	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]
2-Butanone(MEK)	ND (0.890) [1]	ND (0.890) [1]	5.23 (0.890) [1]	ND (0.890) [1]
2-Chloroethyl vinyl ether	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
2-Hexanone	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]
4-Methyl-2-Pentanone(MIBK)	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]
Acetone	6.59 (2.09) [1]	5.87 (2.09) [1]	5.06 FB (2.09) [1]	ND (2.09) [1]
Benzene	0.330 (0.0307) [1]	0.330 (0.0307) [1]	305 (0.154) [5]	0.390 (0.0307) [1]
Bromobenzene	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-36

PARAMETER	SITE ID							
	06-MW-03		06-MW-04		06-MW-05		06-MW-06	
	8 G94-06-MW-03	8 G94-06-MW-03-FD Dup of G94-06-MW-03	8 G94-06-MW-04	8 G94-06-MW-04	8 G94-06-MW-05	8 G94-06-MW-05	8 G94-06-MW-06	8 G94-06-MW-06
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromodichloromethane	ND	[1] (0.0536)	ND	[1] (0.0536)	ND	[1] (0.0536)	ND	[1] (0.0536)
Bromoform	ND	[1] (0.108)	ND	[1] (0.108)	ND	[1] (0.108)	ND	[1] (0.108)
Bromomethane	ND	[1] (0.0968)	ND	[1] (0.0968)	ND	[1] (0.0968)	ND	[1] (0.0968)
Carbon disulfide	ND	[1] (0.161)	ND	[1] (0.161)	ND	[1] (0.161)	ND	[1] (0.161)
Carbon tetrachloride	ND	[1] (0.117)	ND	[1] (0.117)	ND	[1] (0.117)	ND	[1] (0.117)
Chlorobenzene	ND	[1] (0.112)	ND	[1] (0.112)	ND	[1] (0.112)	ND	[1] (0.112)
Chloroethane	ND	[1] (0.0972)	ND	[1] (0.0972)	0.250	[1] (0.0972)	ND	[1] (0.0972)
Chloroform	ND	[1] (0.0363)	ND	[1] (0.0363)	ND	[1] (0.0363)	ND	[1] (0.0363)
Chloromethane	0.0900 JB	[1] (0.155)	ND	[1] (0.155)	0.190 B	[1] (0.155)	0.680	[1] (0.155)
Dibromochloromethane	ND	[1] (0.0283)	ND	[1] (0.0283)	ND	[1] (0.0283)	ND	[1] (0.0283)
Dibromomethane	ND	[1] (0.0598)	0.220	[1] (0.0598)	ND	[1] (0.0598)	0.220	[1] (0.0598)
Ethyl benzene	ND	[1] (0.110)	ND	[1] (0.110)	86.0	[1] (0.110)	0.0200 J	[1] (0.110)
Meta-&Para-Xylene	ND	[1] (0.365)	ND	[1] (0.365)	309	[1] (0.365)	0.120 J	[1] (0.365)
Methylene Chloride	0.290 B	[1] (0.151)	0.430 B	[1] (0.151)	0.880 B	[1] (0.151)	0.230 B	[1] (0.151)
Ortho-Xylene	ND	[1] (0.124)	ND	[1] (0.124)	113	[1] (0.124)	0.0700 J	[1] (0.124)
Styrene	ND	[1] (0.113)	ND	[1] (0.113)	ND	[1] (0.113)	ND	[1] (0.113)
Tetrachloroethene	ND	[1] (0.209)	ND	[1] (0.209)	ND	[1] (0.209)	ND	[1] (0.209)
Toluene	ND	[1] (0.0336)	0.0800	[1] (0.0336)	27.3	[1] (0.0336)	0.0400	[1] (0.0336)
Trichloroethene	ND	[1] (0.0439)	ND	[1] (0.0439)	12.3	[1] (0.0439)	ND	[1] (0.0439)
Trichlorofluoromethane	ND	[1] (0.0943)	ND	[1] (0.0943)	ND	[1] (0.0943)	ND	[1] (0.0943)
Vinyl Chloride	0.0200 J	[1] (0.0992)	ND	[1] (0.0992)	ND	[1] (0.0992)	ND	[1] (0.0992)
Vinyl acetate	ND	[1] (0.127)	ND	[1] (0.127)	ND	[1] (0.127)	ND	[1] (0.127)
cis-1,2-Dichloroethene	1.13	[1] (0.0785)	1.03	[1] (0.0785)	2.69	[1] (0.0785)	0.140	[1] (0.0785)
cis-1,3-Dichloropropene	ND	[1] (0.0758)	ND	[1] (0.0758)	ND	[1] (0.0758)	ND	[1] (0.0758)
trans-1,2-Dichloroethene	ND	[1] (0.131)	ND	[1] (0.131)	ND	[1] (0.131)	ND	[1] (0.131)
trans-1,3-Dichloropropene	ND	[1] (0.0829)	ND	[1] (0.0829)	ND	[1] (0.0829)	ND	[1] (0.0829)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
06-MW-03
G94-06-MW-03
8
06-MW-04
G94-06-MW-04
8
06-MW-05
G94-06-MW-05

PARAMETER

SW8270 - Semivolatile Organics (ug/L)

1,2,4-Trichlorobenzene	ND	(	0.620	[1]	ND	(	0.626	[1]	ND	(	0.626	[1]	ND	(	0.488	[1]
1,2-Dichlorobenzene	ND	(	0.677	[1]	ND	(	0.683	[1]	ND	(	0.683	[1]	ND	(	0.592	[1]
1,3-Dichlorobenzene	ND	(	0.731	[1]	ND	(	0.738	[1]	ND	(	0.738	[1]	ND	(	0.397	[1]
1,4-Dichlorobenzene	ND	(	1.35	[1]	ND	(	1.36	[1]	ND	(	1.36	[1]	ND	(	1.56	[1]
2,4,5-Trichloropheno	ND	(	0.458	[1]	ND	(	0.462	[1]	ND	(	0.462	[1]	ND	(	0.317	[1]
2,4,6-Trichloropheno	ND	(	0.433	[1]	ND	(	0.437	[1]	ND	(	0.437	[1]	ND	(	0.377	[1]
2,4-Dichloropheno	ND	(	0.674	[1]	ND	(	0.681	[1]	ND	(	0.681	[1]	ND	(	0.396	[1]
2,4-Dimethylpheno	ND	(	0.625	[1]	ND	(	0.631	[1]	ND	(	0.631	[1]	ND	(	0.645	[1]
2,4-Dinitrophenol	ND	(	1.84	[1]	ND	(	1.85	[1]	ND	(	1.85	[1]	ND	(	1.19	[1]
2,4-Dinitrotoluene	ND	(	0.747	[1]	ND	(	0.754	[1]	ND	(	0.754	[1]	ND	(	0.311	[1]
2,6-Dinitrotoluene	ND	(	0.723	[1]	ND	(	0.730	[1]	ND	(	0.730	[1]	ND	(	0.606	[1]
2-Chloronaphthalene	ND	(	0.925	[1]	ND	(	0.934	[1]	ND	(	0.934	[1]	ND	(	0.781	[1]
2-Chloropheno	ND	(	0.612	[1]	ND	(	0.618	[1]	ND	(	0.618	[1]	ND	(	0.526	[1]
2-Methylnaphthalene	ND	(	1.12	[1]	ND	(	1.14	[1]	40.0	(	1.14	[1]	ND	(	0.795	[1]
2-Methylpheno	ND	(	0.553	[1]	ND	(	0.558	[1]	1.79	(	0.558	[1]	ND	(	0.468	[1]
2-Nitroaniline	ND	(	0.719	[1]	ND	(	0.726	[1]	ND	(	0.726	[1]	ND	(	0.505	[1]
2-Nitrophenol	ND	(	1.04	[1]	ND	(	1.05	[1]	ND	(	1.05	[1]	ND	(	0.758	[1]
3,3'-Dichlorobenzidine	ND	(	0.688	[1]	ND	(	0.695	[1]	ND	(	0.695	[1]	ND	(	3.63	[1]
3-Nitroaniline	ND	(	0.860	[1]	ND	(	0.868	[1]	ND	(	0.868	[1]	ND	(	0.501	[1]
4,6-Dinitro-2-methylpheno	ND	(	0.439	[1]	ND	(	0.444	[1]	ND	(	0.444	[1]	ND	(	2.83	[1]
4-Bromophenyl phenyl ether	ND	(	0.723	[1]	ND	(	0.730	[1]	ND	(	0.730	[1]	ND	(	0.282	[1]
4-Chloro-3-methylpheno	ND	(	0.601	[1]	ND	(	0.607	[1]	ND	(	0.607	[1]	ND	(	0.373	[1]
4-Chlorophenyl phenyl ether	ND	(	0.863	[1]	ND	(	0.872	[1]	ND	(	0.872	[1]	ND	(	0.442	[1]
4-Methylpheno/3-Methylpheno	ND	(	0.826	[1]	ND	(	0.834	[1]	3.62 F	(	0.834	[1]	ND	(	0.433	[1]
4-Nitroaniline	ND	(	0.553	[1]	ND	(	0.558	[1]	ND	(	0.558	[1]	ND	(	0.609	[1]
4-Nitrophenol	ND	(	1.11	[1]	ND	(	1.12	[1]	ND	(	1.12	[1]	ND	(	0.746	[1]
Acenaphthene	ND	(	0.643	[1]	ND	(	0.650	[1]	0.413 J	(	0.650	[1]	ND	(	0.592	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8			
	06-MW-03		06-MW-04	
	694-06-MW-03	694-06-MW-03-FD Dup of 694-06-MW-03	694-06-MW-04	694-06-MW-05
SW8270 - Semivolatile Organics, cont. (ug/L)				
Acenaphthylene	(0.438)	[1] (0.443)	ND (0.443)	ND (0.604)
Anthracene	(0.442)	[1] (0.447)	ND (0.447)	ND (0.651)
Benzo(a)anthracene	(0.491)	[1] (0.496)	ND (0.496)	ND (0.714)
Benzo(a)pyrene	(0.656)	[1] (0.662)	ND (0.662)	ND (0.648)
Benzo(b)fluoranthene	(0.738)	[1] (0.746)	ND (0.746)	ND (0.636)
Benzo(g,h,i)perylene	(0.658)	[1] (0.664)	ND (0.664)	ND (0.688)
Benzo(k)fluoranthene	(1.07)	[1] (1.08)	ND (1.08)	ND (0.926)
Benzoic acid	(2.99)	[1] (3.02)	ND (3.02)	ND (5.91)
Benzyl alcohol	(0.671)	[1] (0.678)	ND (0.678)	ND (0.420)
Butylbenzylphthalate	(0.862)	[1] (0.870)	ND (0.870)	ND (0.465)
Chrysene	(0.594)	[1] (0.600)	ND (0.600)	ND (0.723)
Di-n-octylphthalate	(0.647)	[1] (0.653)	ND (0.653)	ND (0.633)
Dibenz(a,h)anthracene	(0.701)	[1] (0.708)	ND (0.708)	ND (0.794)
Dibenzofuran	(0.514)	[1] (0.519)	ND (0.519)	ND (0.596)
Dibutylphthalate	(0.330)	[1] (0.333)	ND (0.333)	ND (0.466)
Diethylphthalate	(0.286)	[1] (0.288)	ND (0.288)	ND (0.636)
Dimethylphthalate	(0.427)	[1] (0.431)	ND (0.431)	ND (0.397)
Diphenylamine	(0.633)	[1] (0.639)	ND (0.639)	ND (0.636)
Fluoranthene	(0.660)	[1] (0.666)	ND (0.666)	ND (0.659)
Fluorene	(0.611)	[1] (0.617)	0.588 J (0.617)	ND (0.696)
Hexachlorobenzene	(1.45)	[1] (1.47)	ND (1.47)	ND (0.526)
Hexachlorobutadiene	(0.945)	[1] (0.954)	ND (0.954)	ND (0.700)
Hexachlorocyclopentadiene	(0.817)	[1] (0.825)	ND (0.825)	ND (1.94)
Hexachloroethane	(5.35)	[1] (5.40)	ND (5.40)	ND (1.75)
Indeno(1,2,3-cd)pyrene	(0.513)	[1] (0.518)	ND (0.518)	ND (0.748)
Isophorone	(0.527)	[1] (0.532)	ND (0.532)	ND (0.333)
N-Nitroso-di-n-propylamine	(0.773)	[1] (0.781)	ND (0.781)	ND (0.556)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-39

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	8		8		8		8		8	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
AK101 - Gasoline Range Organics (ug/L)	13.0 J (50.0)	[1]	1.00 JB (50.0)	[1]	550	(50.0)	[1]	84.0	(50.0)	[1]
Gasoline Range Organics										
AK102 - Diesel Range Organics (ug/L)	500 (100)	[1]	25.0 J (100)	[1]	290	(100)	[1]	0.00	JB (100)	[1]
Diesel Range Organics										
SW8080 - Organochlorine Pesticides and PCBs (ug/L)										
4,4'-DDD	ND (0.00298)	[1]	ND (0.00218)	[1]	ND	(0.00290)	[1]	ND	(0.00302)	[1]
4,4'-DDE	ND (0.00342)	[1]	ND (0.00556)	[1]	ND	(0.00334)	[1]	ND	(0.00348)	[1]
4,4'-DDT	0.0170 (0.00365)	[1]	0.00850 KJ (0.00852)	[1]	0.0123 KJ	(0.0127)	[1]	ND	(0.00370)	[1]
Aldrin	0.0613 (0.00409)	[1]	ND (0.00283)	[1]	ND	(0.00232)	[1]	ND	(0.00415)	[1]
Chlordane	ND (0.0198)	[1]	ND (0.0233)	[1]	ND	(0.0193)	[1]	ND	(0.0201)	[1]
Dieldrin	0.0344 (0.00279)	[1]	0.00250 KJB (0.00391)	[1]	0.00720	(0.00272)	[1]	ND	(0.00283)	[1]
Endosulfan I	ND (0.00446)	[1]	ND (0.00883)	[1]	ND	(0.00208)	[1]	ND	(0.00217)	[1]
Endosulfan II	ND (0.00208)	[1]	ND (0.00369)	[1]	ND	(0.00366)	[1]	ND	(0.00380)	[1]
Endosulfan Sulfate	ND (0.00495)	[1]	ND (0.00528)	[1]	0.00450 KJ	(0.00971)	[1]	0.00710 KJ	(0.0101)	[1]
Endrin	ND (0.00754)	[1]	ND (0.00705)	[1]	ND	(0.00736)	[1]	ND	(0.00765)	[1]
Endrin Aldehyde	0.0458 (0.00622)	[1]	ND (0.00388)	[1]	0.00140 PJ	(0.00608)	[1]	0.00220 KJ	(0.00632)	[1]
Heptachlor	0.0467 (0.00540)	[1]	ND (0.00229)	[1]	ND	(0.00527)	[1]	ND	(0.00548)	[1]
Heptachlor epoxide	0.0257 P (0.00187)	[1]	ND (0.00220)	[1]	0.00270 P	(0.00183)	[1]	0.00550 KJ	(0.00944)	[1]
Methoxychlor	ND (0.0393)	[1]	ND (0.0531)	[1]	ND	(0.0384)	[1]	ND	(0.0399)	[1]
PCB-1016	ND (0.0319)	[1]	ND (0.0237)	[1]	ND	(0.0311)	[1]	ND	(0.0324)	[1]
PCB-1221	ND (0.0287)	[1]	ND (0.0225)	[1]	ND	(0.0280)	[1]	ND	(0.0291)	[1]
PCB-1232	ND (0.0725)	[1]	ND (0.0170)	[1]	ND	(0.0708)	[1]	ND	(0.0736)	[1]
PCB-1242	ND (0.0265)	[1]	ND (0.117)	[1]	ND	(0.0259)	[1]	ND	(0.0269)	[1]
PCB-1248	ND (0.0314)	[1]	ND (0.0405)	[1]	ND	(0.0307)	[1]	ND	(0.0319)	[1]
PCB-1254	ND (0.0126)	[1]	ND (0.0299)	[1]	ND	(0.0123)	[1]	ND	(0.0128)	[1]
PCB-1260	ND (0.0349)	[1]	ND (0.0339)	[1]	ND	(0.0341)	[1]	ND	(0.0354)	[1]
Toxaphene	ND (0.0561)	[1]	ND (0.0415)	[1]	ND	(0.0548)	[1]	ND	(0.0569)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-41

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
	06-MW-06	06-MW-07	09-MW-01	09-MW-02
	G94-06-MW-06	G94-06-MW-07	G94-09-MW-01	G94-09-MW-02

SM8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	0.0441 (0.00285) [1]	ND (0.00416) [1]	ND (0.00278) [1]	ND (0.00289) [1]
beta-BHC	0.284 (0.00403) [1]	ND (0.00329) [1]	ND (0.00393) [1]	ND (0.00409) [1]
delta-BHC	ND (0.00232) [1]	ND (0.00212) [1]	ND (0.00227) [1]	ND (0.00236) [1]
gamma-BHC	0.111 (0.00178) [1]	ND (0.00380) [1]	0.0102 (0.00173) [1]	0.00700 (0.00180) [1]

SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]	ND (0.0851) [1]
1,1,1-Trichloroethane	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]	ND (0.0992) [1]
1,1,2,2-Tetrachloroethane	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]	ND (0.170) [1]
1,1,2-Trichloroethane	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]	ND (0.0920) [1]
1,1-Dichloroethane	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]	ND (0.0886) [1]
1,1-Dichloroethene	ND (0.0806) [1]	ND (0.0806) [1]	0.0700 J (0.0806) [1]	ND (0.0806) [1]
1,2,3-Trichloropropane	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]	ND (0.233) [1]
1,2-Dichlorobenzene	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]	ND (0.354) [1]
1,2-Dichloroethane	0.990 (0.0791) [1]	1.18 (0.0791) [1]	ND (0.0791) [1]	ND (0.0791) [1]
1,2-Dichloropropane	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]	ND (0.0742) [1]
1,3-Dichlorobenzene	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]	ND (0.391) [1]
1,4-Dichlorobenzene	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]	ND (0.423) [1]
1-Chlorohexane	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]	ND (0.154) [1]
2-Butanone(MEK)	2.68 F (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]	ND (0.890) [1]
2-Chloroethyl vinyl ether	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]	ND (0.124) [1]
2-Hexanone	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]	ND (0.766) [1]
4-Methyl-2-Pentanone(MIBK)	5.57 (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]	ND (0.501) [1]
Acetone	13.4 F (2.09) [1]	4.62 B (2.09) [1]	3.57 B (2.09) [1]	2.54 B (2.09) [1]
Benzene	ND (0.0307) [1]	0.0900 B (0.0307) [1]	114 (0.0614) [2]	24.2 (0.0307) [1]
Bromobenzene	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]	ND (0.165) [1]
Bromodichloromethane	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]	ND (0.0536) [1]
Bromoform	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]	ND (0.108) [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
09-MW-02
G94-09-MW-02

8
09-MW-01
G94-09-MW-01

8
06-MW-07
G94-06-MW-07

8
06-MW-06
G94-06-MW-06

PARAMETER

SW8260 - Volatile Organic Compounds, cont. (ug/L)

Bromomethane	ND	(	0.0968	[1]	(	0.0968	[1]	ND	(	0.0968	[1]	ND	(	0.0968	[1]
Carbon disulfide	ND	(	0.161	[1]	(	0.161	[1]	ND	(	0.161	[1]	ND	(	0.161	[1]
Carbon tetrachloride	ND	(	0.117	[1]	(	0.117	[1]	ND	(	0.117	[1]	ND	(	0.117	[1]
Chlorobenzene	ND	(	0.112	[1]	(	0.112	[1]	ND	(	0.112	[1]	ND	(	0.112	[1]
Chloroethane	ND	(	0.0972	[1]	(	0.0972	[1]	ND	(	0.0972	[1]	ND	(	0.0972	[1]
Chloroform	ND	(	0.0363	[1]	(	0.0363	[1]	ND	(	0.0363	[1]	ND	(	0.0363	[1]
Chloromethane	0.330	F	(0.155	[1]	(0.155	[1]	ND	(0.155	[1]	ND	(0.155	[1]		
Dibromochloromethane	ND	(	0.0283	[1]	(	0.0283	[1]	ND	(	0.0283	[1]	ND	(	0.0283	[1]
Dibromomethane	ND	(	0.0598	[1]	(	0.0598	[1]	ND	(	0.0598	[1]	ND	(	0.0598	[1]
Ethyl benzene	0.0600	J	(0.110	[1]	(0.110	[1]	13.1	(0.110	[1]	0.0500	J	(0.110	[1]	
Meta-&Para-Xylene	0.220	J	(0.365	[1]	(0.365	[1]	3.46	(0.365	[1]	ND	(0.365	[1]		
Methylene Chloride	0.220	B	(0.151	[1]	(0.151	[1]	0.160	B	(0.151	[1]	0.170	B	(0.151	[1]
Ortho-Xylene	0.0800	J	(0.124	[1]	(0.124	[1]	0.620	(0.124	[1]	ND	(0.124	[1]		
Styrene	ND	(	0.113	[1]	(	0.113	[1]	ND	(	0.113	[1]	ND	(	0.113	[1]
Tetrachloroethene	0.330	(	0.209	[1]	(	0.209	[1]	ND	(	0.209	[1]	ND	(	0.209	[1]
Toluene	0.260	(	0.0336	[1]	(	0.0336	[1]	0.240	(	0.0336	[1]	0.0600	(	0.0336	[1]
Trichloroethene	0.650	(	0.0439	[1]	(	0.0439	[1]	0.540	(	0.0439	[1]	0.180	(	0.0439	[1]
Trichlorofluoromethane	0.100	(	0.0943	[1]	(	0.0943	[1]	ND	(	0.0943	[1]	ND	(	0.0943	[1]
Vinyl Chloride	ND	(	0.0992	[1]	(	0.0992	[1]	0.130	(	0.0992	[1]	ND	(	0.0992	[1]
Vinyl acetate	ND	(	0.127	[1]	(	0.127	[1]	ND	(	0.127	[1]	ND	(	0.127	[1]
cis-1,2-Dichloroethene	ND	(	0.0785	[1]	(	0.0785	[1]	28.0	(	0.0785	[1]	7.08	(	0.0785	[1]
cis-1,3-Dichloropropene	ND	(	0.0758	[1]	(	0.0758	[1]	ND	(	0.0758	[1]	ND	(	0.0758	[1]
trans-1,2-Dichloroethene	ND	(	0.131	[1]	(	0.131	[1]	3.32	(	0.131	[1]	0.230	(	0.131	[1]
trans-1,3-Dichloropropene	ND	(	0.0829	[1]	(	0.0829	[1]	ND	(	0.0829	[1]	ND	(	0.0829	[1]

SW8270 - Semivolatile Organics (ug/L)

1,2,4-Trichlorobenzene	ND	(	0.488	[1]	(	0.608	[1]	ND	(	0.493	[1]	ND	(	0.488	[1]
1,2-Dichlorobenzene	ND	(	0.592	[1]	(	0.664	[1]	ND	(	0.598	[1]	ND	(	0.592	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
06-MW-06 09-MW-01 09-MW-02
694-06-MW-06 694-09-MW-01 694-09-MW-02

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

1,3-Dichlorobenzene	ND	(0.397)	[1]	ND	(0.717)	[1]	ND	(0.401)	[1]	ND	(0.397)	[1]
1,4-Dichlorobenzene	ND	(1.56)	[1]	ND	(1.32)	[1]	ND	(1.57)	[1]	ND	(1.56)	[1]
2,4,5-Trichlorophenol	ND	(0.317)	[1]	ND	(0.449)	[1]	ND	(0.320)	[1]	ND	(0.317)	[1]
2,4,6-Trichlorophenol	ND	(0.377)	[1]	ND	(0.425)	[1]	ND	(0.381)	[1]	ND	(0.377)	[1]
2,4-Dichlorophenol	ND	(0.396)	[1]	ND	(0.661)	[1]	ND	(0.400)	[1]	ND	(0.396)	[1]
2,4-Dimethylphenol	ND	(0.645)	[1]	ND	(0.613)	[1]	ND	(0.651)	[1]	ND	(0.645)	[1]
2,4-Dinitrophenol	ND	(1.19)	[1]	ND	(1.80)	[1]	ND	(1.20)	[1]	ND	(1.19)	[1]
2,4-Dinitrotoluene	ND	(0.311)	[1]	ND	(0.733)	[1]	ND	(0.314)	[1]	ND	(0.311)	[1]
2,6-Dinitrotoluene	ND	(0.606)	[1]	ND	(0.709)	[1]	ND	(0.612)	[1]	ND	(0.606)	[1]
2-Chloronaphthalene	ND	(0.781)	[1]	ND	(0.908)	[1]	ND	(0.789)	[1]	ND	(0.781)	[1]
2-Chlorophenol	ND	(0.526)	[1]	ND	(0.601)	[1]	ND	(0.532)	[1]	ND	(0.526)	[1]
2-Methylnaphthalene	ND	(0.795)	[1]	ND	(1.10)	[1]	ND	(0.803)	[1]	ND	(0.795)	[1]
2-Methylphenol	ND	(0.468)	[1]	ND	(0.542)	[1]	ND	(0.472)	[1]	ND	(0.468)	[1]
2-Nitroaniline	ND	(0.505)	[1]	ND	(0.706)	[1]	ND	(0.510)	[1]	ND	(0.505)	[1]
2-Nitrophenol	ND	(0.758)	[1]	ND	(1.02)	[1]	ND	(0.765)	[1]	ND	(0.758)	[1]
3,3'-Dichlorobenzidine	ND	(3.63)	[1]	ND	(0.675)	[1]	ND	(3.66)	[1]	ND	(3.63)	[1]
3-Nitroaniline	ND	(0.501)	[1]	ND	(0.843)	[1]	ND	(0.506)	[1]	ND	(0.501)	[1]
4,6-Dinitro-2-methylphenol	ND	(2.83)	[1]	ND	(0.431)	[1]	ND	(2.86)	[1]	ND	(2.83)	[1]
4-Bromophenyl phenyl ether	ND	(0.282)	[1]	ND	(0.709)	[1]	ND	(0.285)	[1]	ND	(0.282)	[1]
4-Chloro-3-methylphenol	ND	(0.373)	[1]	ND	(0.590)	[1]	ND	(0.376)	[1]	ND	(0.373)	[1]
4-Chlorophenyl phenyl ether	ND	(0.442)	[1]	ND	(0.847)	[1]	ND	(0.447)	[1]	ND	(0.442)	[1]
4-Methylphenol/3-Methylphenol	ND	(0.433)	[1]	ND	(0.810)	[1]	ND	(0.438)	[1]	ND	(0.433)	[1]
4-Nitroaniline	ND	(0.609)	[1]	ND	(0.542)	[1]	ND	(0.615)	[1]	ND	(0.609)	[1]
4-Nitrophenol	ND	(0.746)	[1]	ND	(1.08)	[1]	ND	(0.753)	[1]	ND	(0.746)	[1]
Acenaphthene	ND	(0.592)	[1]	ND	(0.631)	[1]	ND	(0.598)	[1]	ND	(0.592)	[1]
Acenaphthylene	ND	(0.604)	[1]	ND	(0.430)	[1]	ND	(0.610)	[1]	ND	(0.604)	[1]
Anthracene	ND	(0.651)	[1]	ND	(0.434)	[1]	ND	(0.657)	[1]	ND	(0.651)	[1]
Benzo(a)anthracene	ND	(0.714)	[1]	ND	(0.482)	[1]	ND	(0.721)	[1]	ND	(0.714)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	8		8		8		8	
	06-MW-06 694-06-MW-06	06-MW-07 694-06-MW-07	09-MW-01 694-09-MW-01	09-MW-02 694-09-MW-02	06-MW-06 694-06-MW-06	06-MW-07 694-06-MW-07	09-MW-01 694-09-MW-01	09-MW-02 694-09-MW-02
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Benzo(a)pyrene	(0.648)	(0.643)	(0.654)	(0.648)	(0.648)	(0.643)	(0.654)	(0.648)
Benzo(b)fluoranthene	(0.636)	(0.725)	(0.643)	(0.636)	(0.636)	(0.725)	(0.643)	(0.636)
Benzo(g,h,i)perylene	(0.688)	(0.645)	(0.695)	(0.688)	(0.688)	(0.645)	(0.695)	(0.688)
Benzo(k)fluoranthene	(0.926)	(1.05)	(0.936)	(0.926)	(0.926)	(1.05)	(0.936)	(0.926)
Benzoic acid	(5.91)	(2.93)	(5.97)	(5.91)	(5.91)	(2.93)	(5.97)	(5.91)
Benzyl alcohol	(0.420)	(0.658)	(0.424)	(0.420)	(0.420)	(0.658)	(0.424)	(0.420)
Butylbenzylphthalate	(0.465)	(0.845)	(0.469)	(0.465)	(0.465)	(0.845)	(0.469)	(0.465)
Chrysene	(0.723)	(0.583)	(0.730)	(0.723)	(0.723)	(0.583)	(0.730)	(0.723)
Di-n-octylphthalate	(0.633)	(0.635)	(0.640)	(0.633)	(0.633)	(0.635)	(0.640)	(0.633)
Dibenz(a,h)anthracene	(0.794)	(0.688)	(0.802)	(0.794)	(0.794)	(0.688)	(0.802)	(0.794)
Dibenzofuran	(0.596)	(0.505)	(0.602)	(0.596)	(0.596)	(0.505)	(0.602)	(0.596)
Dibutylphthalate	(0.466)	(0.324)	(0.470)	(0.466)	(0.466)	(0.324)	(0.470)	(0.466)
Diethylphthalate	(0.636)	(0.280)	(0.643)	(0.636)	(0.636)	(0.280)	(0.643)	(0.636)
Dimethylphthalate	(0.397)	(0.419)	(0.401)	(0.397)	(0.397)	(0.419)	(0.401)	(0.397)
Diphenylamine	(0.636)	(0.621)	(0.643)	(0.636)	(0.636)	(0.621)	(0.643)	(0.636)
Fluoranthene	(0.659)	(0.647)	(0.665)	(0.659)	(0.659)	(0.647)	(0.665)	(0.659)
Fluorene	(0.696)	(0.599)	(0.703)	(0.696)	(0.696)	(0.599)	(0.703)	(0.696)
Hexachlorobenzene	(0.526)	(1.42)	(0.532)	(0.526)	(0.526)	(1.42)	(0.532)	(0.526)
Hexachlorobutadiene	(0.700)	(0.927)	(0.707)	(0.700)	(0.700)	(0.927)	(0.707)	(0.700)
Hexachlorocyclopentadiene	(1.94)	(0.802)	(1.96)	(1.94)	(1.94)	(0.802)	(1.96)	(1.94)
Hexachloroethane	(1.75)	(5.25)	(1.77)	(1.75)	(1.75)	(5.25)	(1.77)	(1.75)
Indeno(1,2,3-cd)pyrene	(0.748)	(0.504)	(0.755)	(0.748)	(0.748)	(0.504)	(0.755)	(0.748)
Isophorone	(0.333)	(0.517)	(0.337)	(0.333)	(0.333)	(0.517)	(0.337)	(0.333)
N-Nitroso-di-n-propylamine	(0.556)	(0.758)	(0.561)	(0.556)	(0.556)	(0.758)	(0.561)	(0.556)
Naphthalene	(0.705)	(0.781)	(0.712)	(0.705)	(0.705)	(0.781)	(0.712)	(0.705)
Nitrobenzene	(0.533)	(0.793)	(0.539)	(0.533)	(0.533)	(0.793)	(0.539)	(0.533)
Pentachloropheno]	(0.476)	(0.611)	(0.481)	(0.476)	(0.476)	(0.611)	(0.481)	(0.476)
Phenanthrene	(0.605)	(0.598)	(0.611)	(0.605)	(0.605)	(0.598)	(0.611)	(0.605)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-45

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8	8	8
06-MW-06	09-MW-01	09-MW-02
G94-06-MW-06	G94-09-MW-01	G94-09-MW-02

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Phenol	ND	(	0.421)	[1]	ND	(	0.667)	[1]	ND	(	0.425)	[1]	ND	(	0.421)	[1]
Pyrene	ND	(	0.782)	[1]	ND	(	0.768)	[1]	ND	(	0.790)	[1]	ND	(	0.782)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.535)	[1]	ND	(	0.635)	[1]	ND	(	0.541)	[1]	ND	(	0.535)	[1]
bis(2-Chloroethyl)ether	ND	(	0.583)	[1]	ND	(	0.632)	[1]	ND	(	0.589)	[1]	ND	(	0.583)	[1]
bis(2-Chloroisopropyl)ether	ND	(	0.544)	[1]	ND	(	1.05)	[1]	ND	(	0.550)	[1]	ND	(	0.544)	[1]
bis(2-Ethylhexyl)phthalate	ND	(	0.944)	[1]	ND	(	0.792)	[1]	ND	(	0.953)	[1]	1.17	(	0.944)	[1]
p-Chloroaniline	ND	(	0.880)	[1]	ND	(	0.953)	[1]	ND	(	0.889)	[1]	ND	(	0.880)	[1]

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID

LOCATION ID
SAMPLE ID

8
09-MW-03
G94-09-MW-03

8
09-MW-04
G94-09-MW-04

8
09-MW-05
G94-09-MW-05

8
09-MW-05-FD Dup of
G94-09-MW-05

PARAMETER	0.00 JB (50.0)	41.0 J (50.0)	13.0 J (50.0)	10.0 J (50.0)	Dilution Factor	Detection Limit	NA = Not Detected	ND = Not Detected	MA = Not Applicable	* - Value considered suspect, Refer to QC Report
AK101 - Gasoline Range Organics (ug/L)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	[1]	[1]	[1]	[1]	[1]	[1]
AK102 - Diesel Range Organics (ug/L)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	[1]	[1]	[1]	[1]	[1]	[1]
Diesel Range Organics	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	0.00 JB (100)	[1]	[1]	[1]	[1]	[1]	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)	0.00350 KJ (0.103)	0.00781 (0.00781)	0.00710 KJ (0.00964)	0.00710 KJ (0.00964)	[1]	[1]	[1]	[1]	[1]	[1]
4,4'-DDD	ND (0.00308)	ND (0.00781)	ND (0.0407)	ND (0.0407)	[1]	[1]	[1]	[1]	[1]	[1]
4,4'-DDE	ND (0.00354)	ND (0.00644)	ND (0.0330)	ND (0.0330)	[1]	[1]	[1]	[1]	[1]	[1]
4,4'-DDT	ND (0.00378)	ND (0.00558)	ND (0.0297)	ND (0.0297)	[1]	[1]	[1]	[1]	[1]	[1]
Aldrin	ND (0.00246)	ND (0.00289)	ND (0.0750)	ND (0.0750)	[1]	[1]	[1]	[1]	[1]	[1]
Chlordane	ND (0.0205)	ND (0.00211)	ND (0.0275)	ND (0.0275)	[1]	[1]	[1]	[1]	[1]	[1]
Dieldrin	ND (0.00289)	ND (0.00221)	ND (0.0325)	ND (0.0325)	[1]	[1]	[1]	[1]	[1]	[1]
Endosulfan I	ND (0.00221)	ND (0.00388)	ND (0.0130)	ND (0.0130)	[1]	[1]	[1]	[1]	[1]	[1]
Endosulfan II	ND (0.00388)	ND (0.0103)	ND (0.0362)	ND (0.0362)	[1]	[1]	[1]	[1]	[1]	[1]
Endosulfan Sulfate	0.00350 KJ (0.103)	0.00781 (0.00781)	0.00710 KJ (0.00964)	0.00710 KJ (0.00964)	[1]	[1]	[1]	[1]	[1]	[1]
Endrin	ND (0.00781)	ND (0.00747)	ND (0.0389)	ND (0.0389)	[1]	[1]	[1]	[1]	[1]	[1]
Endrin Aldehyde	ND (0.00644)	ND (0.00616)	ND (0.0316)	ND (0.0316)	[1]	[1]	[1]	[1]	[1]	[1]
Heptachlor	ND (0.00558)	ND (0.00534)	ND (0.0284)	ND (0.0284)	[1]	[1]	[1]	[1]	[1]	[1]
Heptachlor epoxide	0.00710 KJ (0.00964)	0.00560 KJ (0.00922)	0.00560 KJ (0.00922)	0.00560 KJ (0.00922)	[1]	[1]	[1]	[1]	[1]	[1]
Methoxychlor	ND (0.0407)	ND (0.0389)	ND (0.0718)	ND (0.0718)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1016	ND (0.0330)	ND (0.0316)	ND (0.0728)	ND (0.0728)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1221	ND (0.0297)	ND (0.0284)	ND (0.0728)	ND (0.0728)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1232	ND (0.0750)	ND (0.0718)	ND (0.0728)	ND (0.0728)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1242	ND (0.0275)	ND (0.0263)	ND (0.0267)	ND (0.0267)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1248	ND (0.0325)	ND (0.0311)	ND (0.0316)	ND (0.0316)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1254	ND (0.0130)	ND (0.0125)	ND (0.0126)	ND (0.0126)	[1]	[1]	[1]	[1]	[1]	[1]
PCB-1260	ND (0.0362)	ND (0.0346)	ND (0.0351)	ND (0.0351)	[1]	[1]	[1]	[1]	[1]	[1]

Compiled: 15 March 1995

A13-47

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
09-MW-03
G94-09-MW-03

8
09-MW-04
G94-09-MW-04

8
09-MW-05
G94-09-MW-05

8
09-MW-05
G94-09-MW-05-FD Dup of
G94-09-MW-05

PARAMETER

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)

Toxaphene	ND	(0.0581)	[1]	ND	(0.0556)	[1]	ND	(0.0564)	[1]	ND	(0.0569)	[1]
alpha-BHC	ND	(0.00295)	[1]	ND	(0.00282)	[1]	ND	(0.00286)	[1]	ND	(0.00289)	[1]
beta-BHC	ND	(0.00417)	[1]	ND	(0.00399)	[1]	ND	(0.00405)	[1]	ND	(0.00409)	[1]
delta-BHC	ND	(0.00240)	[1]	ND	(0.00230)	[1]	ND	(0.00233)	[1]	ND	(0.00236)	[1]
gamma-BHC	ND	(0.00173)	[1]	ND	(0.00176)	[1]	0.00670	(0.00178)	[1]	0.0127	(0.00180)	[1]

SW8260 - Volatile Organic Compounds (ug/L)

1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethane	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	ND	(0.0791)	[1]	0.110	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone (MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone (MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.75	(2.09)	[1]	6.14	(2.09)	[1]	2.60 B	(2.09)	[1]	3.10 B	(2.09)	[1]
Benzene	0.0700 B	(0.0307)	[1]	16.6	(0.0307)	[1]	0.630	(0.0307)	[1]	0.660	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID							
	8		8		8		8	
	09-MW-03 G94-09-MW-03	09-MW-04 G94-09-MW-04	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05	09-MW-05 G94-09-MW-05
SW8260 - Volatile Organic Compounds, cont. (ug/L)	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	(0.0536)	(0.0536)	(0.0536)	(0.0536)	(0.0536)	(0.0536)	(0.0536)	(0.0536)
Bromoform	(0.108)	(0.108)	(0.108)	(0.108)	(0.108)	(0.108)	(0.108)	(0.108)
Bromomethane	(0.0968)	(0.0968)	(0.0968)	(0.0968)	(0.0968)	(0.0968)	(0.0968)	(0.0968)
Carbon disulfide	(0.161)	(0.161)	(0.161)	(0.161)	(0.161)	(0.161)	(0.161)	(0.161)
Carbon tetrachloride	(0.117)	(0.117)	(0.117)	(0.117)	(0.117)	(0.117)	(0.117)	(0.117)
Chlorobenzene	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)	(0.112)
Chloroethane	(0.0972)	(0.0972)	(0.0972)	(0.0972)	(0.0972)	(0.0972)	(0.0972)	(0.0972)
Chloroform	(0.0363)	(0.0363)	(0.0363)	(0.0363)	(0.0363)	(0.0363)	(0.0363)	(0.0363)
Chloromethane	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)	(0.155)
Dibromochloromethane	(0.0283)	(0.0283)	(0.0283)	(0.0283)	(0.0283)	(0.0283)	(0.0283)	(0.0283)
Dibromomethane	(0.0598)	(0.0598)	(0.0598)	(0.0598)	(0.0598)	(0.0598)	(0.0598)	(0.0598)
Ethyl benzene	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)	(0.110)
Meta-&Para-Xylene	(0.365)	(0.365)	(0.365)	(0.365)	(0.365)	(0.365)	(0.365)	(0.365)
Methylene Chloride	0.370 B	0.400 B	0.400 B	0.360 B	0.360 B	0.360 B	0.330 B	0.330 B
Ortho-Xylene	(0.124)	(0.124)	(0.124)	(0.124)	(0.124)	(0.124)	(0.124)	(0.124)
Styrene	(0.113)	(0.113)	(0.113)	(0.113)	(0.113)	(0.113)	(0.113)	(0.113)
Tetrachloroethene	(0.209)	(0.209)	(0.209)	(0.209)	(0.209)	(0.209)	(0.209)	(0.209)
Toluene	(0.0336)	(0.0336)	(0.0336)	(0.0336)	(0.0336)	(0.0336)	(0.0336)	(0.0336)
Trichloroethene	(0.0439)	(0.0439)	(0.0439)	(0.0439)	(0.0439)	(0.0439)	(0.0439)	(0.0439)
Trichlorofluoromethane	(0.0943)	(0.0943)	(0.0943)	(0.0943)	(0.0943)	(0.0943)	(0.0943)	(0.0943)
Vinyl Chloride	(0.0992)	(0.0992)	(0.0992)	(0.0992)	(0.0992)	(0.0992)	(0.0992)	(0.0992)
Vinyl acetate	(0.127)	(0.127)	(0.127)	(0.127)	(0.127)	(0.127)	(0.127)	(0.127)
cis-1,2-Dichloroethene	(0.0800)	(0.0785)	(0.0785)	(0.0785)	(0.0785)	(0.0785)	(0.0785)	(0.0785)
cis-1,3-Dichloropropene	(0.0758)	(0.0758)	(0.0758)	(0.0758)	(0.0758)	(0.0758)	(0.0758)	(0.0758)
trans-1,2-Dichloroethene	(0.131)	(0.131)	(0.131)	(0.131)	(0.131)	(0.131)	(0.131)	(0.131)
trans-1,3-Dichloropropene	(0.0829)	(0.0829)	(0.0829)	(0.0829)	(0.0829)	(0.0829)	(0.0829)	(0.0829)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-49

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID SAMPLE ID	09-MW-03 G94-09-MW-03	09-MW-04 G94-09-MW-04	09-MW-05 G94-09-MW-05
SW8270 - Semivolatile Organics (ug/L)				
1,2,4-Trichlorobenzene	ND (0.498)	[1] (0.632)	ND (0.498)	[1] (0.488)
1,2-Dichlorobenzene	ND (0.604)	[1] (0.690)	ND (0.604)	[1] (0.592)
1,3-Dichlorobenzene	ND (0.405)	[1] (0.745)	ND (0.405)	[1] (0.397)
1,4-Dichlorobenzene	ND (1.59)	[1] (1.37)	ND (1.59)	[1] (1.56)
2,4,5-Trichloropheno	ND (0.323)	[1] (0.467)	ND (0.323)	[1] (0.317)
2,4,6-Trichloropheno	ND (0.385)	[1] (0.441)	ND (0.385)	[1] (0.377)
2,4-Dichloropheno	ND (0.404)	[1] (0.687)	ND (0.404)	[1] (0.396)
2,4-Dimethylpheno	ND (0.658)	[1] (0.637)	ND (0.658)	[1] (0.645)
2,4-Dinitropheno	ND (1.21)	[1] (1.87)	ND (1.21)	[1] (1.19)
2,4-Dinitrotoluene	ND (0.317)	[1] (0.762)	ND (0.317)	[1] (0.311)
2,6-Dinitrotoluene	ND (0.618)	[1] (0.737)	ND (0.618)	[1] (0.606)
2-Chloronaphthalene	ND (0.797)	[1] (0.943)	ND (0.797)	[1] (0.781)
2-Chloropheno	ND (0.537)	[1] (0.625)	ND (0.537)	[1] (0.526)
2-Methylnaphthalene	ND (0.811)	[1] (1.15)	ND (0.811)	[1] (0.795)
2-Methylpheno	ND (0.477)	[1] (0.564)	ND (0.477)	[1] (0.468)
2-Nitroaniline	ND (0.515)	[1] (0.733)	ND (0.515)	[1] (0.505)
2-Nitropheno	ND (0.773)	[1] (1.06)	ND (0.773)	[1] (0.758)
3,3'-Dichlorobenzidine	ND (3.70)	[1] (0.702)	ND (3.70)	[1] (3.63)
3-Nitroaniline	ND (0.511)	[1] (0.876)	ND (0.511)	[1] (0.501)
4,6-Dinitro-2-methylpheno	ND (2.89)	[1] (0.448)	ND (2.89)	[1] (2.83)
4-Bromophenyl phenyl ether	ND (0.288)	[1] (0.737)	ND (0.288)	[1] (0.282)
4-Chloro-3-methylpheno	ND (0.380)	[1] (0.613)	ND (0.380)	[1] (0.373)
4-Chlorophenyl phenyl ether	ND (0.451)	[1] (0.880)	ND (0.451)	[1] (0.442)
4-Methylpheno/3-Methylpheno	ND (0.442)	[1] (0.842)	ND (0.442)	[1] (0.433)
4-Nitroaniline	ND (0.621)	[1] (0.564)	ND (0.621)	[1] (0.609)
4-Nitropheno	ND (0.761)	[1] (1.13)	ND (0.761)	[1] (0.746)
Acenaphthene	ND (0.604)	[1] (0.656)	ND (0.604)	[1] (0.592)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A13-50

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	8		8		8		8					
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID				
SW8270 - Semivolatile Organics, cont. (ug/L)												
Acenaphthylene	ND	(0.616)	[1]	ND	(0.447)	[1]	ND	(0.616)	[1]	ND	(0.604)	[1]
Anthracene	ND	(0.664)	[1]	ND	(0.451)	[1]	ND	(0.664)	[1]	ND	(0.651)	[1]
Benzo(a)anthracene	ND	(0.728)	[1]	ND	(0.501)	[1]	ND	(0.728)	[1]	ND	(0.714)	[1]
Benzo(a)pyrene	ND	(0.661)	[1]	ND	(0.669)	[1]	ND	(0.661)	[1]	ND	(0.648)	[1]
Benzo(b)fluoranthene	ND	(0.649)	[1]	ND	(0.753)	[1]	ND	(0.649)	[1]	ND	(0.636)	[1]
Benzo(g,h,i)perylene	ND	(0.702)	[1]	ND	(0.671)	[1]	ND	(0.702)	[1]	ND	(0.688)	[1]
Benzo(k)fluoranthene	ND	(0.945)	[1]	ND	(1.09)	[1]	ND	(0.945)	[1]	ND	(0.926)	[1]
Benzoic acid	ND	(6.03)	[1]	ND	(3.05)	[1]	ND	(6.03)	[1]	ND	(5.91)	[1]
Benzyl alcohol	ND	(0.428)	[1]	ND	(0.684)	[1]	ND	(0.428)	[1]	ND	(0.420)	[1]
Butylbenzylphthalate	ND	(0.474)	[1]	ND	(0.878)	[1]	ND	(0.474)	[1]	ND	(0.465)	[1]
Chrysene	ND	(0.737)	[1]	ND	(0.606)	[1]	ND	(0.737)	[1]	ND	(0.723)	[1]
Di-n-octylphthalate	ND	(0.646)	[1]	ND	(0.660)	[1]	ND	(0.646)	[1]	ND	(0.633)	[1]
Dibenz(a,h)anthracene	ND	(0.810)	[1]	ND	(0.715)	[1]	ND	(0.810)	[1]	ND	(0.794)	[1]
Dibenzofuran	ND	(0.608)	[1]	ND	(0.525)	[1]	ND	(0.608)	[1]	ND	(0.596)	[1]
Dibutylphthalate	ND	(0.475)	[1]	ND	(0.336)	[1]	ND	(0.475)	[1]	ND	(0.466)	[1]
Diethylphthalate	ND	(0.649)	[1]	ND	(0.291)	[1]	ND	(0.649)	[1]	ND	(0.636)	[1]
Dimethylphthalate	ND	(0.405)	[1]	ND	(0.435)	[1]	ND	(0.405)	[1]	ND	(0.397)	[1]
Diphenylamine	ND	(0.649)	[1]	ND	(0.645)	[1]	ND	(0.649)	[1]	ND	(0.636)	[1]
Fluoranthene	ND	(0.672)	[1]	ND	(0.673)	[1]	ND	(0.672)	[1]	ND	(0.659)	[1]
Fluorene	ND	(0.710)	[1]	ND	(0.623)	[1]	ND	(0.710)	[1]	ND	(0.696)	[1]
Hexachlorobenzene	ND	(0.537)	[1]	ND	(1.48)	[1]	ND	(0.537)	[1]	ND	(0.526)	[1]
Hexachlorobutadiene	ND	(0.714)	[1]	ND	(0.964)	[1]	ND	(0.714)	[1]	ND	(0.700)	[1]
Hexachlorocyclopentadiene	ND	(1.98)	[1]	ND	(0.833)	[1]	ND	(1.98)	[1]	ND	(1.94)	[1]
Hexachloroethane	ND	(1.79)	[1]	ND	(5.45)	[1]	ND	(1.79)	[1]	ND	(1.75)	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.763)	[1]	ND	(0.524)	[1]	ND	(0.763)	[1]	ND	(0.748)	[1]
Isophorone	ND	(0.340)	[1]	ND	(0.537)	[1]	ND	(0.340)	[1]	ND	(0.333)	[1]
N-Nitroso-di-n-propylamine	ND	(0.567)	[1]	ND	(0.788)	[1]	ND	(0.567)	[1]	ND	(0.556)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-51

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8
09-MW-06
694-09-MW-06
8
09-MW-08
694-09-MW-08
8
09-MW-12
694-09-MW-12
8
09-MW-15
694-09-MW-15

PARAMETER	250	(50.0)	[1]	30000	(50.0)	[1]	180000	(50.0)	[1]	27.0 J	(50.0)	[1]
AK101 - Gasoline Range Organics (ug/L)												
Gasoline Range Organics												
AK102 - Diesel Range Organics (ug/L)												
Diesel Range Organics	0.00 JB	(100)	[1]	150000	(200)	[2]	910000	(5000)	[50]	0.00 JB	(100)	[1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)												
4,4'-DDD	ND	(0.00296)	[1]	0.0510	(0.0212)	[10]	0.552	(0.0225)	[10]	ND	(0.00300)	[1]
4,4'-DDE	ND	(0.00341)	[1]	0.0577	(0.0438)	[10]	0.0791	(0.0464)	[10]	ND	(0.00346)	[1]
4,4'-DDT	0.0260	(0.00363)	[1]	ND	(0.0704)	[10]	ND	(0.0746)	[10]	ND	(0.00368)	[1]
Aldrin	ND	(0.00237)	[1]	ND	(0.0275)	[10]	0.00810 PJ	(0.0292)	[10]	0.00590	(0.00413)	[1]
Chlordane	ND	(0.0197)	[1]	ND	(0.226)	[10]	ND	(0.240)	[10]	ND	(0.0200)	[1]
Dieldrin	0.0137	(0.00278)	[1]	ND	(0.0380)	[10]	ND	(0.0403)	[10]	ND	(0.00282)	[1]
Endosulfan I	ND	(0.00213)	[1]	ND	(0.0858)	[10]	ND	(0.0910)	[10]	0.00170 KJ	(0.00450)	[1]
Endosulfan II	ND	(0.00373)	[1]	ND	(0.0358)	[10]	ND	(0.0380)	[10]	ND	(0.00378)	[1]
Endosulfan Sulfate	0.00240 KJ	(0.00990)	[1]	ND	(0.0513)	[10]	ND	(0.0544)	[10]	0.00790 KJ	(0.0100)	[1]
Endrin	ND	(0.00750)	[1]	ND	(0.0685)	[10]	ND	(0.0726)	[10]	ND	(0.00762)	[1]
Endrin Aldehyde	ND	(0.00619)	[1]	ND	(0.0377)	[10]	ND	(0.0400)	[10]	0.00200 KJ	(0.00597)	[1]
Heptachlor	0.000500 PJ	(0.00639)	[1]	ND	(0.0223)	[10]	ND	(0.0236)	[10]	ND	(0.00545)	[1]
Heptachlor epoxide	0.0161	(0.00926)	[1]	ND	(0.0236)	[10]	ND	(0.0227)	[10]	0.00550 KJ	(0.00940)	[1]
Methoxychlor	ND	(0.0391)	[1]	ND	(0.516)	[10]	ND	(0.547)	[10]	ND	(0.0397)	[1]
PCB-1016	ND	(0.0317)	[1]	ND	(0.230)	[10]	ND	(0.244)	[10]	ND	(0.0322)	[1]
PCB-1221	ND	(0.0285)	[1]	ND	(0.219)	[10]	ND	(0.232)	[10]	ND	(0.0290)	[1]
PCB-1232	ND	(0.0721)	[1]	ND	(0.165)	[10]	ND	(0.175)	[10]	ND	(0.0732)	[1]
PCB-1242	ND	(0.0264)	[1]	ND	(1.13)	[10]	ND	(1.20)	[10]	ND	(0.0268)	[1]
PCB-1248	ND	(0.0313)	[1]	ND	(0.393)	[10]	ND	(0.417)	[10]	ND	(0.0317)	[1]
PCB-1254	ND	(0.0125)	[1]	ND	(0.291)	[10]	ND	(0.308)	[10]	ND	(0.0127)	[1]
PCB-1260	ND	(0.0348)	[1]	ND	(0.329)	[10]	ND	(0.349)	[10]	ND	(0.0353)	[1]
Toxaphene	ND	(0.0558)	[1]	ND	(0.403)	[10]	ND	(0.427)	[10]	ND	(0.0566)	[1]

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-53

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID	8	LOCATION ID	8
SAMPLE ID	09-MW-06	09-MW-08	09-MW-12	09-MW-15
	694-09-MW-06	694-09-MW-08	694-09-MW-12	694-09-MW-15
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)				
alpha-BHC	ND (0.00283)	0.105 (0.0405)	ND (0.0295)	ND (0.00288)
beta-BHC	ND (0.00401)	ND (0.0320)	ND (0.0339)	ND (0.00407)
delta-BHC	ND (0.00231)	ND (0.0168)	ND (0.0218)	ND (0.000857)
gamma-BHC	0.00870 (0.00177)	ND (0.0127)	ND (0.0391)	ND (0.00179)
SW8260 - Volatile Organic Compounds (ug/L)				
1,1,1,2-Tetrachloroethane	ND (0.0851)	ND Z (25.5)	ND Z (8.51)	ND (0.0851)
1,1,1-Trichloroethane	ND (0.0992)	ND Z (29.8)	ND Z (9.92)	ND (0.0992)
1,1,2,2-Tetrachloroethane	ND (0.170)	ND Z (51.0)	ND Z (17.0)	ND (0.170)
1,1,2-Trichloroethane	ND (0.0920)	ND Z (27.6)	ND Z (9.20)	ND (0.0920)
1,1-Dichloroethane	ND (0.0886)	ND Z (26.6)	ND Z (8.86)	ND (0.0886)
1,1-Dichloroethene	ND (0.0806)	ND Z (24.2)	ND Z (8.06)	ND (0.0806)
1,2,3-Trichloropropane	ND (0.233)	ND Z (69.9)	ND Z (23.3)	ND (0.233)
1,2-Dichlorobenzene	ND (0.354)	ND Z (106)	ND Z (35.4)	ND (0.354)
1,2-Dichloroethane	ND (0.0791)	ND Z (23.7)	ND Z (7.91)	ND (0.0791)
1,2-Dichloropropane	ND (0.0742)	ND Z (22.3)	ND Z (7.42)	ND (0.0742)
1,3-Dichlorobenzene	ND (0.391)	ND Z (117)	ND Z (39.1)	ND (0.391)
1,4-Dichlorobenzene	ND (0.423)	ND Z (127)	ND Z (42.3)	ND (0.423)
1-Chlorohexane	ND (0.154)	ND Z (46.2)	ND Z (15.4)	ND (0.154)
2-Butanone(MEK)	ND (0.890)	336 Z (267)	ND Z (89.0)	ND (0.890)
2-Chloroethyl vinyl ether	ND (0.124)	ND Z (37.2)	ND Z (12.4)	ND (0.124)
2-Hexanone	ND (0.766)	ND Z (230)	ND Z (76.6)	ND (0.766)
4-Methyl-2-Pentanone(MIBK)	ND (0.501)	ND Z (150)	ND Z (50.1)	ND (0.501)
Acetone	4.74 B (2.09)	756 Z (627)	283 Z (209)	2.31 B (2.09)
Benzene	0.180 (0.0307)	273 Z (9.21)	3380 Z (3.07)	0.680 (0.0307)
Bromobenzene	ND (0.165)	ND Z (49.5)	ND Z (16.5)	ND (0.165)
Bromodichloromethane	ND (0.0536)	ND Z (16.1)	ND Z (5.36)	ND (0.0536)
Bromoform	ND (0.108)	ND Z (32.4)	ND Z (10.8)	ND (0.108)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8				8			
	09-MW-06		09-MW-08		09-MW-12		09-MW-15	
	694-09-MW-06	694-09-MW-08	694-09-MW-12	694-09-MW-15	694-09-MW-12	694-09-MW-15	694-09-MW-12	694-09-MW-15
SW8260 - Volatile Organic Compounds, cont. (ug/L)								
Bromomethane	ND (0.0968)	ND Z (29.0)	[1] [300]	ND Z (9.68)	[100]	ND (0.0968)	[1]	ND (0.0968)
Carbon disulfide	ND (0.161)	ND Z (48.3)	[1] [300]	ND Z (16.1)	[100]	ND (0.161)	[1]	ND (0.161)
Carbon tetrachloride	ND (0.117)	ND Z (35.1)	[1] [300]	ND Z (11.7)	[100]	ND (0.117)	[1]	ND (0.117)
Chlorobenzene	ND (0.112)	ND Z (33.6)	[1] [300]	ND Z (11.2)	[100]	ND (0.112)	[1]	ND (0.112)
Chloroethane	ND (0.0972)	ND Z (29.2)	[1] [300]	ND Z (9.72)	[100]	ND (0.0972)	[1]	ND (0.0972)
Chloroform	ND (0.0363)	ND Z (10.9)	[1] [300]	ND Z (3.63)	[100]	ND (0.0363)	[1]	ND (0.0363)
Chloromethane	ND (0.155)	ND Z (46.5)	[1] [300]	ND Z (15.5)	[100]	ND (0.155)	[1]	ND (0.155)
Dibromochloromethane	ND (0.0283)	ND Z (8.49)	[1] [300]	ND Z (2.83)	[100]	ND (0.0283)	[1]	ND (0.0283)
Dibromomethane	ND (0.0598)	ND Z (17.9)	[1] [300]	ND Z (5.98)	[100]	ND (0.0598)	[1]	ND (0.0598)
Ethyl benzene	ND (0.110)	ND Z (33.0)	[1] [300]	ND Z (11.0)	[100]	ND (0.110)	[1]	ND (0.110)
Meta-&Para-Xylene	ND (0.365)	ND Z (110)	[1] [300]	ND Z (36.5)	[100]	ND (0.365)	[1]	ND (0.365)
Methylene Chloride	0.310 B (0.151)	ND Z (45.3)	[1] [300]	ND Z (15.1)	[100]	0.360 B (0.151)	[1]	ND (0.151)
Ortho-Xylene	ND (0.124)	ND Z (37.2)	[1] [300]	ND Z (12.4)	[100]	ND (0.124)	[1]	ND (0.124)
Styrene	ND (0.113)	ND Z (33.9)	[1] [300]	ND Z (11.3)	[100]	ND (0.113)	[1]	ND (0.113)
Tetrachloroethene	ND (0.209)	ND Z (62.7)	[1] [300]	ND Z (20.9)	[100]	ND (0.209)	[1]	ND (0.209)
Toluene	0.0400 (0.0336)	ND Z (10.1)	[1] [300]	ND Z (3.36)	[100]	0.0400 (0.0336)	[1]	ND (0.0336)
Trichloroethene	ND (0.0439)	ND Z (13.2)	[1] [300]	ND Z (4.39)	[100]	ND (0.0439)	[1]	ND (0.0439)
Trichlorofluoromethane	ND (0.0943)	ND Z (28.3)	[1] [300]	ND Z (9.43)	[100]	ND (0.0943)	[1]	ND (0.0943)
Vinyl Chloride	ND (0.0992)	ND Z (29.8)	[1] [300]	ND Z (9.92)	[100]	ND (0.0992)	[1]	ND (0.0992)
Vinyl acetate	ND (0.127)	ND Z (38.1)	[1] [300]	ND Z (12.7)	[100]	ND (0.127)	[1]	ND (0.127)
cis-1,2-Dichloroethene	ND (0.0785)	ND Z (23.6)	[1] [300]	ND Z (7.85)	[100]	1.41 (0.0785)	[1]	ND (0.0785)
cis-1,3-Dichloropropene	ND (0.0758)	ND Z (22.7)	[1] [300]	ND Z (7.58)	[100]	ND (0.0758)	[1]	ND (0.0758)
trans-1,2-Dichloroethene	ND (0.131)	ND Z (39.3)	[1] [300]	ND Z (13.1)	[100]	ND (0.131)	[1]	ND (0.131)
trans-1,3-Dichloropropene	ND (0.0829)	ND Z (24.9)	[1] [300]	ND Z (8.29)	[100]	ND (0.0829)	[1]	ND (0.0829)
SW8270 - Semivolatile Organics (ug/L)								
1,2,4-Trichlorobenzene	ND (0.498)	ND (0.614)	[1] [1]	ND (12.6)	[10]	ND (0.483)	[1]	ND (0.483)
1,2-Dichlorobenzene	ND (0.604)	ND (0.670)	[1] [1]	ND (13.7)	[10]	ND (0.586)	[1]	ND (0.586)

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-55

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	8		8	
	LOCATION ID SAMPLE ID	09-MW-06 G94-09-MW-06	09-MW-08 G94-09-MW-08	09-MW-12 G94-09-MW-12
SW8270 - Semivolatile Organics, cont. (ug/L)	ND	(0.405)	(0.724)	(14.8)
1,3-Dichlorobenzene	ND	(1.59)	(1.33)	(27.3)
1,4-Dichlorobenzene	ND	(0.323)	(0.453)	(9.29)
2,4,5-Trichloropheno1	ND	(0.385)	(0.429)	(8.78)
2,4,6-Trichloropheno1	ND	(0.404)	(0.668)	(13.7)
2,4-Dichloropheno1	ND	(0.658)	(0.619)	(12.7)
2,4-Dimethylpheno1	ND	(1.21)	(1.82)	(37.3)
2,4-Dinitrophenol	ND	(0.317)	(0.740)	(15.2)
2,6-Dinitrotoluene	ND	(0.618)	(0.716)	(14.7)
2-Chloronaphthalene	ND	(0.797)	(0.916)	(18.8)
2-Chloropheno1	ND	(0.537)	(0.607)	(12.4)
2-Methylnaphthalene	ND	(0.811)	(1.11)	(31.6)
2-Methylpheno1	ND	(0.477)	(0.548)	(11.2)
2-Nitroaniline	ND	(0.515)	(0.712)	(14.6)
2-Nitrophenol	ND	(0.773)	(1.03)	(21.1)
3,3'-Dichlorobenzidine	ND	(3.70)	(0.682)	(14.0)
3-Nitroaniline	ND	(0.511)	(0.851)	(17.4)
4,6-Dinitro-2-methylpheno1	ND	(2.89)	(0.435)	(8.92)
4-Bromophenyl phenyl ether	ND	(0.288)	(0.716)	(14.7)
4-Chloro-3-methylpheno1	ND	(0.380)	(0.595)	(12.2)
4-Chlorophenyl phenyl ether	ND	(0.451)	(0.855)	(17.5)
4-Methylpheno1/3-Methylpheno1	ND	(0.442)	(0.818)	(16.8)
4-Nitroaniline	ND	(0.621)	(0.548)	(11.2)
4-Nitrophenol	ND	(0.761)	(1.10)	(22.4)
Acenaphthene	ND	(0.604)	(0.637)	(13.1)
Acenaphthylene	ND	(0.616)	(0.434)	(8.90)
Anthracene	ND	(0.664)	(0.438)	(8.98)
Benzo(a)anthracene	ND	(0.728)	(0.487)	(9.97)

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

PARAMETER	8		8		8	
	09-MW-06 G94-09-MW-06	09-MW-08 G94-09-MW-08	09-MW-12 G94-09-MW-12	09-MW-15 G94-09-MW-15		
SW8270 - Semivolatile Organics, cont. (ug/L)						
Benzo(a)pyrene	(0.661)	(0.650)	(13.3)	(0.642)	[1]	[1]
Benzo(b)fluoranthene	(0.649)	(0.731)	(15.0)	(0.630)	[1]	[1]
Benzo(g,h,i)perylene	(0.702)	(0.651)	(13.3)	(0.682)	[1]	[1]
Benzo(k)fluoranthene	(0.945)	(1.06)	(21.7)	(0.917)	[1]	[1]
Benzoic acid	(6.03)	(2.96)	(60.7)	(5.85)	[1]	[1]
Benzyl alcohol	(0.428)	(0.665)	(13.6)	(0.416)	[1]	[1]
Butylbenzylphthalate	(0.474)	(0.853)	(17.5)	(0.460)	[1]	[1]
Chrysene	(0.737)	(0.589)	(12.1)	(0.716)	[1]	[1]
Di-n-octylphthalate	(0.646)	(0.641)	(13.1)	(0.627)	[1]	[1]
Dibenz(a,h)anthracene	(0.810)	(0.694)	(14.2)	(0.786)	[1]	[1]
Dibenzofuran	(0.608)	(0.510)	(10.4)	(0.590)	[1]	[1]
Dibutylphthalate	(0.475)	(0.327)	(6.69)	(0.461)	[1]	[1]
Diethylphthalate	(0.649)	(0.283)	(5.80)	(0.630)	[1]	[1]
Dimethylphthalate	(0.405)	(0.423)	(8.66)	(0.393)	[1]	[1]
Diphenylamine	(0.649)	(0.627)	(12.8)	(0.630)	[1]	[1]
Fluoranthene	(0.672)	(0.653)	(13.4)	(0.652)	[1]	[1]
Fluorene	(0.710)	(0.605)	(12.4)	(0.689)	[1]	[1]
Hexachlorobenzene	(0.537)	(1.44)	(29.5)	(0.521)	[1]	[1]
Hexachlorobutadiene	(0.714)	(0.936)	(19.2)	(0.693)	[1]	[1]
Hexachlorocyclopentadiene	(1.98)	(0.810)	(16.6)	(1.92)	[1]	[1]
Hexachloroethane	(1.79)	(5.30)	(108)	(1.74)	[1]	[1]
Indeno(1,2,3-cd)pyrene	(0.763)	(0.509)	(10.4)	(0.741)	[1]	[1]
Isophorone	(0.340)	(0.522)	(10.7)	(0.330)	[1]	[1]
N-Nitroso-di-n-propylamine	(0.567)	(0.766)	(15.7)	(0.550)	[1]	[1]
Naphthalene	(0.719)	(0.789)	(16.2)	(0.698)	[1]	[1]
Nitrobenzene	(0.544)	(0.801)	(16.4)	(0.528)	[1]	[1]
Pentachlorophenol	(0.486)	(0.617)	(12.6)	(0.472)	[1]	[1]
Phenanthrene	(0.617)	(0.604)	(12.4)	(0.599)	[1]	[1]
	6.06		38.4			
	0.424 J		27.7			
	9.47		91.9			

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
A13-57

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8		8		8							
	09-MW-06		09-MW-08		09-MW-12							
	694-09-MW-06	694-09-MW-08	694-09-MW-12	694-09-MW-12	694-09-MW-15	694-09-MW-15						
Pheno1	ND	(0.429)	[1]	45.7	(0.673)	[1]	136	(13.8)	[10]	ND	(0.417)	[1]
Pyrene	ND	(0.798)	[1]	0.464 J	(0.775)	[1]	ND	(15.9)	[10]	ND	(0.775)	[1]
bis(2-Chloroethoxy)methane	ND	(0.546)	[1]	ND	(0.641)	[1]	ND	(13.1)	[10]	ND	(0.530)	[1]
bis(2-Chloroethyl)ether	ND	(0.595)	[1]	ND	(0.638)	[1]	ND	(13.1)	[10]	ND	(0.578)	[1]
bis(2-Chloroisopropyl)ether	ND	(0.555)	[1]	ND	(1.06)	[1]	ND	(21.7)	[10]	ND	(0.539)	[1]
bis(2-Ethylhexyl)phthalate	ND	(0.963)	[1]	ND	(0.800)	[1]	ND	(16.4)	[10]	ND	(0.935)	[1]
p-Chloroaniline	ND	(0.898)	[1]	ND	(0.962)	[1]	ND	(19.7)	[10]	ND	(0.872)	[1]

SW8270 - Semivolatile Organics, cont. (ug/L)

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	8		13		13	
	10-MW-01		13-MW-37		13-MW-37	
	9.00 J (50.0)	590 (50.0)	9.00 J (50.0)	9.00 J (50.0)	5.00 JB (50.0)	5.00 JB (50.0)
AK101 - Gasoline Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]
Gasoline Range Organics	9.00 J (100)	42.0 J (100)	34.0 J (100)	15.0 JB (100)		
AK102 - Diesel Range Organics (ug/L)	[1]	[1]	[1]	[1]	[1]	[1]
Diesel Range Organics	38.0 J (100)	590 (100)	34.0 J (100)	15.0 JB (100)		
SW8080 - Organochlorine Pesticides and PCBs (ug/L)						
4,4'-DDD	0.0122 KJ (0.0276)	ND (0.0288)	ND (0.0299)	ND (0.0302)		
4,4'-DDE	ND (0.00453)	ND (0.00358)	ND (0.00344)	ND (0.00348)		
4,4'-DDT	ND (0.00728)	0.00970 KJ (0.0125)	ND (0.00367)	0.0127 KJ (0.0132)		
Aldrin	ND (0.00285)	ND (0.00230)	ND (0.00411)	0.00520 (0.00415)		
Chlordane	ND (0.0234)	ND (0.0192)	ND (0.0199)	ND (0.0201)		
Dieldrin	0.00240 KJB (0.00393)	ND (0.00270)	ND (0.00280)	ND (0.00283)		
Endosulfan I	0.00180 KJ (0.0141)	0.000500 KJ (0.00207)	ND (0.00215)	0.00100 KJ (0.00452)		
Endosulfan II	ND (0.00371)	ND (0.00201)	ND (0.00376)	ND (0.00380)		
Endosulfan Sulfate	ND (0.00531)	ND (0.00478)	0.00300 KJ (0.0100)	0.00910 KJ (0.0101)		
Endrin	ND (0.00708)	ND (0.00729)	ND (0.00758)	ND (0.00765)		
Endrin Aldehyde	ND (0.00390)	0.00390 KJ (0.00602)	ND (0.00625)	ND (0.00632)		
Heptachlor	0.000300 KJ (0.00124)	0.000200 KJ (0.00621)	0.000400 KJ (0.00645)	0.00300 KJ (0.00651)		
Heptachlor epoxide	ND (0.00244)	0.00450 P (0.00181)	0.000100 KJ (0.00935)	0.00160 PJ (0.00190)		
Methoxychlor	ND (0.0534)	ND (0.0380)	ND (0.0395)	ND (0.0399)		
PCB-1016	ND (0.0238)	ND (0.0308)	ND (0.0321)	ND (0.0324)		
PCB-1221	ND (0.0226)	ND (0.0277)	ND (0.0288)	ND (0.0291)		
PCB-1232	ND (0.0171)	ND (0.0701)	ND (0.0728)	ND (0.0736)		
PCB-1242	ND (0.117)	ND (0.0257)	ND (0.0267)	ND (0.0269)		
PCB-1248	ND (0.0407)	ND (0.0304)	ND (0.0316)	ND (0.0319)		
PCB-1254	ND (0.0300)	ND (0.0122)	ND (0.0126)	ND (0.0128)		
PCB-1260	ND (0.0340)	ND (0.0338)	ND (0.0351)	ND (0.0354)		

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A13-59

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		Dilution Factor	Detection Limit	Factor	Not Detected	Not Applicable	Value	Suspect	Refer to QC Report		
	LOCATION ID	SAMPLE ID										
	8	13										
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)												
Toxaphene	ND	(0.0417)	[1]	ND	(0.0542)	[1]	ND	(0.0564)	[1]	ND	(0.0569)	[1]
alpha-BHC	ND	(0.00418)	[1]	ND	(0.00275)	[1]	ND	(0.00286)	[1]	ND	(0.00289)	[1]
beta-BHC	ND	(0.00331)	[1]	ND	(0.00390)	[1]	ND	(0.00405)	[1]	ND	(0.00409)	[1]
delta-BHC	ND	(0.00174)	[1]	ND	(0.00224)	[1]	ND	(0.000852)	[1]	ND	(0.00236)	[1]
gamma-BHC	ND	(0.00381)	[1]	0.00650	(0.00172)	[1]	ND	(0.00178)	[1]	ND	(0.00180)	[1]
SW8260 - Volatile Organic Compounds (ug/L)												
1,1,1,2-Tetrachloroethane	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]	ND	(0.0851)	[1]
1,1,1-Trichloroethane	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]	ND	(0.0992)	[1]
1,1,2,2-Tetrachloroethane	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]	ND	(0.170)	[1]
1,1,2-Trichloroethane	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]	ND	(0.0920)	[1]
1,1-Dichloroethane	ND	(0.0886)	[1]	0.280	(0.0886)	[1]	ND	(0.0886)	[1]	ND	(0.0886)	[1]
1,1-Dichloroethene	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]	ND	(0.0806)	[1]
1,2,3-Trichloropropane	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]	ND	(0.233)	[1]
1,2-Dichlorobenzene	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]	ND	(0.354)	[1]
1,2-Dichloroethane	0.430	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]	ND	(0.0791)	[1]
1,2-Dichloropropane	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]	ND	(0.0742)	[1]
1,3-Dichlorobenzene	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]	ND	(0.391)	[1]
1,4-Dichlorobenzene	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]	ND	(0.423)	[1]
1-Chlorohexane	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]	ND	(0.154)	[1]
2-Butanone(MEK)	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]	ND	(0.890)	[1]
2-Chloroethyl vinyl ether	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]	ND	(0.124)	[1]
2-Hexanone	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]	ND	(0.766)	[1]
4-Methyl-2-Pentanone(MIBK)	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]	ND	(0.501)	[1]
Acetone	5.56	(2.09)	[1]	2.07 JB	(2.09)	[1]	6.15	(2.09)	[1]	4.81 B	(2.09)	[1]
Benzene	0.300	(0.0307)	[1]	82.9	(0.0614)	[2]	0.0500 B	(0.0307)	[1]	0.0400 B	(0.0307)	[1]
Bromobenzene	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]	ND	(0.165)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

PARAMETER	SITE ID			
	8		13	
	LOCATION ID	CONCENTRATION	LOCATION ID	CONCENTRATION
	10-MW-01	10-MW-03	13-MW-37	13-MW-37
	G94-10-MW-01	G94-10-MW-03	G94-13-MW-37	G94-13-MW-37
				G94-13-MW-37 Dup of G94-13-MW-37

SW8260 - Volatile Organic Compounds, cont. (ug/L)				
Bromodichloromethane	ND	(0.0536)	(0.0536)	(0.0536)
Bromoform	ND	(0.108)	(0.108)	(0.108)
Bromomethane	ND	(0.0968)	(0.0968)	(0.0968)
Carbon disulfide	ND	(0.161)	(0.161)	(0.161)
Carbon tetrachloride	ND	(0.117)	(0.117)	(0.117)
Chlorobenzene	ND	(0.112)	(0.112)	(0.112)
Chloroethane	ND	(0.0972)	(0.0972)	(0.0972)
Chloroform	ND	(0.0363)	(0.0363)	(0.0363)
Chloromethane	ND	(0.155)	(0.155)	(0.155)
Dibromochloromethane	ND	(0.0283)	(0.0283)	(0.0283)
Dibromomethane	ND	(0.0598)	(0.0598)	(0.0598)
Ethyl benzene	ND	(0.110)	(0.110)	(0.110)
Meta-&Para-Xylene	ND	(0.365)	(0.365)	(0.365)
Methylene Chloride	0.300 B	(0.151)	(0.151)	(0.151)
Ortho-Xylene	ND	(0.124)	(0.124)	(0.124)
Styrene	ND	(0.113)	(0.113)	(0.113)
Tetrachloroethene	ND	(0.209)	(0.209)	(0.209)
Toluene	0.0500	(0.0336)	(0.0336)	(0.0336)
Trichloroethene	1.51	(0.0439)	(0.0439)	(0.0439)
Trichlorofluoromethane	ND	(0.0943)	(0.0943)	(0.0943)
Vinyl Chloride	ND	(0.0992)	(0.0992)	(0.0992)
Vinyl acetate	ND	(0.127)	(0.127)	(0.127)
cis-1,2-Dichloroethene	1.22	(0.0785)	(0.0785)	(0.0785)
cis-1,3-Dichloropropene	ND	(0.0758)	(0.0758)	(0.0758)
trans-1,2-Dichloroethene	ND	(0.131)	(0.131)	(0.131)
trans-1,3-Dichloropropene	ND	(0.0829)	(0.0829)	(0.0829)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-61

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID										
	8		13								
	LOCATION ID SAMPLE ID	8 10-MW-01 G94-10-MW-01	13 13-MW-37 G94-13-MW-37	13 13-MW-37 G94-13-MW-37 G94-13-MW-37 - FD Dup of G94-13-MW-37							
SW8270 - Semivolatile Organics (ug/L)											
1,2,4-Trichlorobenzene	ND	(0.620)	[1]	ND	(0.474)	[1]	ND	(0.435)	[1]	ND	(0.431)
1,2-Dichlorobenzene	ND	(0.677)	[1]	ND	(0.575)	[1]	ND	(0.608)	[1]	ND	(0.602)
1,3-Dichlorobenzene	ND	(0.731)	[1]	ND	(0.386)	[1]	ND	(0.553)	[1]	ND	(0.548)
1,4-Dichlorobenzene	ND	(1.35)	[1]	ND	(1.51)	[1]	ND	(0.724)	[1]	ND	(0.717)
2,4,5-Trichloropheno	ND	(0.458)	[1]	ND	(0.308)	[1]	ND	(0.544)	[1]	ND	(0.539)
2,4,6-Trichloropheno	ND	(0.433)	[1]	ND	(0.367)	[1]	ND	(0.648)	[1]	ND	(0.642)
2,4-Dichloropheno	ND	(0.674)	[1]	ND	(0.385)	[1]	ND	(0.861)	[1]	ND	(0.852)
2,4-Dimethylpheno	ND	(0.625)	[1]	ND	(0.627)	[1]	ND	(0.798)	[1]	ND	(0.790)
2,4-Dinitrophenol	ND	(1.84)	[1]	ND	(1.15)	[1]	ND	(1.11)	[1]	ND	(1.10)
2,4-Dinitrotoluene	ND	(0.747)	[1]	ND	(0.302)	[1]	ND	(0.676)	[1]	ND	(0.670)
2,6-Dinitrotoluene	ND	(0.723)	[1]	ND	(0.589)	[1]	ND	(0.737)	[1]	ND	(0.730)
2-Chloronaphthalene	ND	(0.925)	[1]	ND	(0.759)	[1]	ND	(0.650)	[1]	ND	(0.644)
2-Chloropheno	ND	(0.612)	[1]	ND	(0.511)	[1]	ND	(0.560)	[1]	ND	(0.554)
2-Methylnaphthalene	ND	(1.12)	[1]	ND	(0.772)	[1]	ND	(0.575)	[1]	ND	(0.569)
2-Methylpheno	ND	(0.553)	[1]	ND	(0.454)	[1]	ND	(0.311)	[1]	ND	(0.308)
2-Nitroaniline	ND	(0.719)	[1]	ND	(0.490)	[1]	ND	(0.730)	[1]	ND	(0.723)
2-Nitrophenol	ND	(1.04)	[1]	ND	(0.736)	[1]	ND	(0.733)	[1]	ND	(0.726)
3,3'-Dichlorobenzidine	ND	(0.688)	[1]	ND	(3.52)	[1]	ND	(0.885)	[1]	ND	(0.877)
3-Nitroaniline	ND	(0.860)	[1]	ND	(0.487)	[1]	ND	(0.771)	[1]	ND	(0.763)
4,6-Dinitro-2-methylpheno	ND	(0.439)	[1]	ND	(2.75)	[1]	ND	(0.972)	[1]	ND	(0.962)
4-Bromophenyl phenyl ether	ND	(0.723)	[1]	ND	(0.274)	[1]	ND	(0.415)	[1]	ND	(0.411)
4-Chloro-3-methylpheno	ND	(0.601)	[1]	ND	(0.362)	[1]	ND	(0.396)	[1]	ND	(0.392)
4-Chlorophenyl phenyl ether	ND	(0.863)	[1]	ND	(0.430)	[1]	ND	(0.463)	[1]	ND	(0.458)
4-Methylpheno/3-Methylpheno	ND	(0.826)	[1]	ND	(0.421)	[1]	ND	(0.361)	[1]	ND	(0.357)
4-Nitroaniline	ND	(0.553)	[1]	ND	(0.591)	[1]	ND	(1.08)	[1]	ND	(1.07)
4-Nitrophenol	ND	(1.11)	[1]	ND	(0.725)	[1]	ND	(1.15)	[1]	ND	(1.14)
Acenaphthene	ND	(0.643)	[1]	ND	(0.575)	[1]	ND	(0.632)	[1]	ND	(0.626)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-62

SITE ID
LOCATION ID
SAMPLE ID

8	10-MW-01	8	10-MW-03	13	13-MW-37
694-10-MW-01	694-10-MW-01	694-10-MW-03	694-10-MW-37	694-13-MW-37	694-13-MW-37
					FD Dup of
					694-13-MW-37

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Acenaphthylene	ND	(0.438	[1]	ND	(0.587	[1]	ND	(0.626	[1]	ND	(0.620	[1]
Anthracene	ND	(0.442	[1]	ND	(0.632	[1]	ND	(0.755	[1]	ND	(0.748	[1]
Benzo(a)anthracene	ND	(0.491	[1]	ND	(0.693	[1]	ND	(0.588	[1]	ND	(0.583	[1]
Benzo(a)pyrene	ND	(0.656	[1]	ND	(0.630	[1]	ND	(0.786	[1]	ND	(0.779	[1]
Benzo(b)fluoranthene	ND	(0.738	[1]	ND	(0.618	[1]	ND	(1.04	[1]	ND	(1.03	[1]
Benzo(g,h,i)perylene	ND	(0.658	[1]	ND	(0.669	[1]	ND	(1.12	[1]	ND	(1.11	[1]
Benzo(k)fluoranthene	ND	(1.07	[1]	ND	(0.900	[1]	ND	(1.09	[1]	ND	(1.08	[1]
Benzoic acid	ND	(2.99	[1]	ND	(5.74	[1]	ND	(25.8	[1]	ND	(25.5	[1]
Benzyl alcohol	ND	(0.671	[1]	ND	(0.408	[1]	ND	(0.532	[1]	ND	(0.527	[1]
Butylbenzylphthalate	ND	(0.862	[1]	ND	(0.451	[1]	ND	(1.80	[1]	ND	(1.79	[1]
Chrysene	ND	(0.594	[1]	ND	(0.702	[1]	ND	(0.980	[1]	ND	(0.971	[1]
Di-n-octylphthalate	ND	(0.647	[1]	ND	(0.615	[1]	ND	(0.510	[1]	ND	(0.505	[1]
Dibenz(a,h)anthracene	ND	(0.701	[1]	ND	(0.771	[1]	ND	(0.990	[1]	ND	(0.981	[1]
Dibenzofuran	ND	(0.514	[1]	ND	(0.579	[1]	ND	(0.548	[1]	ND	(0.543	[1]
Dibutylphthalate	ND	(0.330	[1]	ND	(0.452	[1]	ND	(0.489	[1]	ND	(0.484	[1]
Diethylphthalate	ND	(0.286	[1]	ND	(0.618	[1]	ND	(0.251	[1]	ND	(0.249	[1]
Dimethylphthalate	ND	(0.427	[1]	ND	(0.386	[1]	ND	(0.443	[1]	ND	(0.439	[1]
Diphenylamine	ND	(0.633	[1]	ND	(0.618	[1]	ND	(0.890	[1]	ND	(0.882	[1]
Fluoranthene	ND	(0.660	[1]	ND	(0.640	[1]	ND	(0.583	[1]	ND	(0.578	[1]
Fluorene	ND	(0.611	[1]	ND	(0.676	[1]	ND	(0.454	[1]	ND	(0.450	[1]
Hexachlorobenzene	ND	(1.45	[1]	ND	(0.511	[1]	ND	(0.545	[1]	ND	(0.540	[1]
Hexachlorobutadiene	ND	(0.945	[1]	ND	(0.680	[1]	ND	(1.02	[1]	ND	(1.01	[1]
Hexachlorocyclopentadiene	ND	(0.817	[1]	ND	(1.89	[1]	ND	(1.18	[1]	ND	(1.17	[1]
Hexachloroethane	ND	(5.35	[1]	ND	(1.70	[1]	ND	(0.546	[1]	ND	(0.541	[1]
Indeno(1,2,3-cd)pyrene	ND	(0.513	[1]	ND	(0.727	[1]	ND	(0.874	[1]	ND	(0.865	[1]
Isophorone	ND	(0.527	[1]	ND	(0.324	[1]	ND	(0.320	[1]	ND	(0.317	[1]
N-Nitroso-di-n-propylamine	ND	(0.773	[1]	ND	(0.540	[1]	ND	(0.610	[1]	ND	(0.604	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-63

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

 SITE ID
 LOCATION ID
 SAMPLE ID

 13
 13-MW-38
 694-13-MW-38

PARAMETER	10.0 J (	50.0) [1]
AK101 - Gasoline Range Organics (ug/L)		
Gasoline Range Organics	10.0 J (	50.0) [1]
AK102 - Diesel Range Organics (ug/L)		
Diesel Range Organics	0.00 JB (	100) [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/L)		
4,4'-DDD	ND (	0.00305) [1]
4,4'-DDE	0.00500 P (	0.00351) [1]
4,4'-DDT	0.0126 KJ (	0.0133) [1]
Aldrin	0.0177 (	0.00419) [1]
Chlordane	ND (	0.0203) [1]
Dieldrin	0.00790 (	0.00286) [1]
Endosulfan I	0.00940 (	0.00219) [1]
Endosulfan II	ND (	0.00384) [1]
Endosulfan Sulfate	0.00360 KJ (	0.00507) [1]
Endrin	ND (	0.00773) [1]
Endrin Aldehyde	ND (	0.00638) [1]
Heptachlor	0.00330 PJ (	0.00658) [1]
Heptachlor epoxide	0.0555 (	0.00954) [1]
Methoxychlor	0.00580 KJ (	0.0626) [1]
PCB-1016	ND (	0.0327) [1]
PCB-1221	ND (	0.0294) [1]
PCB-1232	ND (	0.0743) [1]
PCB-1242	ND (	0.0272) [1]
PCB-1248	ND (	0.0322) [1]
PCB-1254	ND (	0.0129) [1]
PCB-1260	ND (	0.0358) [1]
Toxaphene	ND (	0.0575) [1]

Compiled: 15 March 1995

 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A13-65

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13

13-MW-38

G94-13-MW-38

PARAMETER	SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/L)	SW8260 - Volatile Organic Compounds (ug/L)	
alpha-BHC	ND (0.00292)	ND (0.0851)	[1]
beta-BHC	0.00710 P (0.00413)	ND (0.0992)	[1]
delta-BHC	ND (0.00238)	ND (0.170)	[1]
gamma-BHC	0.0133 (0.00182)	ND (0.0920)	[1]
		ND (0.0886)	[1]
		ND (0.0806)	[1]
		ND (0.233)	[1]
		ND (0.354)	[1]
		0.640 (0.0791)	[1]
		ND (0.0742)	[1]
		ND (0.391)	[1]
		ND (0.423)	[1]
		ND (0.154)	[1]
		ND (0.890)	[1]
		ND (0.124)	[1]
		ND (0.766)	[1]
		ND (0.501)	[1]
		5.94 (2.09)	[1]
		ND (0.0307)	[1]
		ND (0.165)	[1]
		ND (0.0536)	[1]
		ND (0.108)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-66

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

 SITE ID
 LOCATION ID
 SAMPLE ID

 13
 13-MW-38
 694-13-MW-38

PARAMETER	SW8260 - Volatile Organic Compounds, cont. (ug/L)	SW8270 - Semivolatile Organics (ug/L)
Bromomethane	ND (0.0968) [1]	
Carbon disulfide	ND (0.161) [1]	
Carbon tetrachloride	ND (0.117) [1]	
Chlorobenzene	ND (0.112) [1]	
Chloroethane	ND (0.0972) [1]	
Chloroform	ND (0.0363) [1]	
Chloromethane	ND (0.155) [1]	
Dibromochloromethane	ND (0.0283) [1]	
Dibromomethane	ND (0.0598) [1]	
Ethyl benzene	ND (0.110) [1]	
Meta-&Para-Xylene	ND (0.365) [1]	
Methylene Chloride	0.190 B (0.151) [1]	
Ortho-Xylene	ND (0.124) [1]	
Styrene	ND (0.113) [1]	
Tetrachloroethene	ND (0.209) [1]	
Toluene	0.0300 JB (0.0336) [1]	
Trichloroethene	9.28 (0.0439) [1]	
Trichlorofluoromethane	ND (0.0943) [1]	
Vinyl Chloride	ND (0.0992) [1]	
Vinyl acetate	ND (0.127) [1]	
cis-1,2-Dichloroethene	23.3 (0.0785) [1]	
cis-1,3-Dichloropropene	ND (0.0758) [1]	
trans-1,2-Dichloroethene	1.33 (0.131) [1]	
trans-1,3-Dichloropropene	ND (0.0829) [1]	
SW8270 - Semivolatile Organics (ug/L)		
1,2,4-Trichlorobenzene	ND (0.440) [1]	
1,2-Dichlorobenzene	ND (0.614) [1]	

Compiled: 15 March 1995

 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report
 A13-67

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
694-13-MW-38

PARAMETER

PARAMETER	SW8270 - Semivolatile Organics, cont. (ug/L)	()	()	()
1,3-Dichlorobenzene	ND	(	0.558)	[1]
1,4-Dichlorobenzene	ND	(	0.731)	[1]
2,4,5-Trichloropheno	ND	(	0.550)	[1]
2,4,6-Trichloropheno	ND	(	0.654)	[1]
2,4-Dichloropheno	ND	(	0.869)	[1]
2,4-Dimethylpheno	ND	(	0.806)	[1]
2,4-Dinitrophenol	ND	(	1.12)	[1]
2,4-Dinitrotoluene	ND	(	0.683)	[1]
2,6-Dinitrotoluene	ND	(	0.745)	[1]
2-Chloronaphthalene	ND	(	0.656)	[1]
2-Chloropheno	ND	(	0.565)	[1]
2-Methylnaphthalene	ND	(	0.580)	[1]
2-Methylpheno	ND	(	0.314)	[1]
2-Nitroaniline	ND	(	0.738)	[1]
2-Nitrophenol	ND	(	0.741)	[1]
3,3'-Dichlorobenzidine	ND	(	0.894)	[1]
3-Nitroaniline	ND	(	0.778)	[1]
4,6-Dinitro-2-methylpheno	ND	(	0.981)	[1]
4-Bromophenyl phenyl ether	ND	(	0.419)	[1]
4-Chloro-3-methylpheno	ND	(	0.400)	[1]
4-Chlorophenyl phenyl ether	ND	(	0.467)	[1]
4-Methylpheno/3-Methylpheno	ND	(	0.364)	[1]
4-Nitroaniline	ND	(	1.09)	[1]
4-Nitrophenol	ND	(	1.16)	[1]
Acenaphthene	ND	(	0.639)	[1]
Acenaphthylene	ND	(	0.633)	[1]
Anthracene	ND	(	0.762)	[1]
Benzo(a)anthracene	ND	(	0.594)	[1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A13-68

TABLE A13

ALL RESULTS OF ORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

13
13-MW-38
G94-13-MW-38

PARAMETER

SW8270 - Semivolatile Organics, cont. (ug/L)

Pheno1	ND	(	0.372)	[1]
Pyrene	ND	(	0.707)	[1]
bis(2-Chloroethoxy)methane	ND	(	0.632)	[1]
bis(2-Chloroethyl)ether	ND	(	0.487)	[1]
bis(2-Chloroisopropyl)ether	ND	(	0.443)	[1]
bis(2-Ethylhexyl)phthalate	ND	(	2.65)	[1]
p-Chloroaniline	ND	(	0.939)	[1]

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	1 01-MW-01 694-01-MW-01	1 01-MW-01 694-01-MW-01-FD Dup of 694-01-MW-01	1 01-MW-02 694-01-MW-02	1 01-MW-05 694-01-MW-05
611	()	[1]	611 ()	[1] 531 ()
E170.1 - Temperature (degC)	4.00 ()	[1]	4.00 ()	[1] 4.00 ()
SW9040 - pH Electrometric Measurement (pH UNITS)	6.63 ()	[1]	6.63 ()	[1] 6.60 ()
SW9050 - Specific Conductance (umhos/cm)	1170 ()	[1]	1170 ()	[1] 930 ()

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID		SAMPLE ID	
	1	1	1	1	8	8
A403 - Alkalinity (mg/L)	739	()	[1]	()	[1]	()
Alkalinity				643		250
E170.1 - Temperature (degC)	3.00	()	[1]	()	[1]	()
Temperature				3.00		3.00
SW9040 - pH Electrometric Measurement (pH UNITS)	6.64	()	[1]	()	[1]	()
pH				6.57		6.99
SW9050 - Specific Conductance (umhos/cm)	1300	()	[1]	()	[1]	()
Conductivity				1140		440

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID	
	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID
	8	4
	02-GW-03	04-MW-03
	G94-02-GW-03	G94-04-MW-03-02
SW6010 - Metals, cont. (mg/L)	NA	NA
Zinc	0.0147 B (0.00402) [1]	0.000590 JB (0.00402) [1]
SW7060 - Arsenic (mg/L)	NA	NA
Arsenic	0.00515 (0.00214) [1]	0.00246 (0.00214) [1]
SW7421 - Lead (mg/L)	NA	NA
Lead	0.000630 JB (0.00220) [1]	-0.000990 JB (0.00220) [1]
SW9040 - pH Electrometric Measurement (pH UNITS)	7.06	NA
pH	() [1]	() [1]
SW9050 - Specific Conductance (umhos/cm)	570	NA
Conductivity	() [1]	() [1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-4

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

4
04-MW-03
G94-04-MW-03D

5
05-MW-02
G94-05-MW-02

5
05-MW-02
G94-05-MW-02-FD Dup of
G94-05-MW-02

5
05-MW-03
G94-05-MW-03

PARAMETER	4	5	5	5
A403 - Alkalinity (mg/L)				
Alkalinity	NA	402	[1]	[1]
E170.1 - Temperature (degC)				
Temperature	NA	2.00	[1]	[1]
SW6010 - Metals (mg/L)				
Aluminum	-0.0410 JB (0.0523)	NA	NA	NA
Antimony	0.0844 B (0.0760)	NA	NA	NA
Arsenic	-0.0110 JB (0.0468)	NA	NA	NA
Barium	0.575 (0.000860)	NA	NA	NA
Beryllium	0.00108 B (0.000510)	NA	NA	NA
Cadmium	-0.00144 JB (0.00386)	NA	NA	NA
Calcium	355 (0.0175)	NA	NA	NA
Chromium	0.00350 JB (0.00524)	NA	NA	NA
Cobalt	0.0394 (0.00407)	NA	NA	NA
Copper	0.0353 (0.00916)	NA	NA	NA
Iron	8.75 (0.00452)	NA	NA	NA
Lead	-0.101 JB (0.0216)	NA	NA	NA
Magnesium	78.0 (0.0479)	NA	NA	NA
Manganese	26.1 (0.00155)	NA	NA	NA
Molybdenum	0.0102 B (0.00739)	NA	NA	NA
Nickel	0.0498 (0.0141)	NA	NA	NA
Potassium	7.51 (0.822)	NA	NA	NA
Selenium	-0.0221 JB (0.0891)	NA	NA	NA
Silver	0.000230 JB (0.00519)	NA	NA	NA
Sodium	9.95 (0.0401)	NA	NA	NA
Thallium	-0.183 JB (0.0833)	NA	NA	NA

Compiled: 15 March 1995
 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-5

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		PARAMETER	UNIT	VALUE	REMARKS
	LOCATION ID	SAMPLE ID				
SW6010 - Metals, cont. (mg/L)						
Vanadium	04-MW-03	05-MW-02	0.00288	JB (0.00454)	[1]	NA
Zinc	694-04-MW-03D	694-05-MW-02	0.00387	JB (0.00402)	[1]	NA
SW7060 - Arsenic (mg/L)						
Arsenic			0.00757	(0.00214)	[1]	NA
SW7421 - Lead (mg/L)						
Lead			-0.000180	JB (0.00220)	[1]	NA
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH			6.70	()	[1]	6.70 () [1]
SW9050 - Specific Conductance (umhos/cm)						
Conductivity			750	()	[1]	750 () [1]

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-6

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		
	LOCATION ID	SAMPLE ID	
A403 - Alkalinity (mg/L)	5 05-MW-04 694-05-MW-04	5 05-MW-05 694-05-MW-05	5 05-MW-06 694-05-MW-06
Alkalinity	970 () [1]	770 () [1]	569 () [1]
E170.1 - Temperature (degC)	5.00 () [1]	2.00 () [1]	4.00 () [1]
Temperature			3.00 () [1]
SW9040 - pH Electrometric Measurement (pH UNITS)	6.78 () [1]	6.66 () [1]	6.71 () [1]
pH			6.57 () [1]
SW9050 - Specific Conductance (umhos/cm)	1790 () [1]	1610 () [1]	1050 () [1]
Conductivity			1170 () [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-7

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	5		5		5	
	05-MW-11 694-05-MW-11	05-MW-13 694-05-MW-13	05-MW-14 694-05-MW-14	05-MW-15 694-05-MW-15		
A403 - Alkalinity (mg/L)	989	608	524	500	()	[1]
E170.1 - Temperature (degC)	2.50	4.00	3.00	1.00	()	[1]
SW9040 - pH Electrometric Measurement (pH UNITS)	6.57	6.36	6.55	6.66	()	[1]
SW9050 - Specific Conductance (umhos/cm)	1810	1160	800	850	()	[1]

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	8 06-MW-01 694-06-MW-01	8 06-MW-02 694-06-MW-02	8 06-MW-03 694-06-MW-03	8 06-MW-03 694-06-MW-03-FD Dup of 694-06-MW-03
Alkalinity	792	651	646	646
E170.1 - Temperature (degC)				
Temperature	6.50	4.00	4.00	4.00
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.62	6.50	6.80	6.80
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1390	1910	840	840

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A14-9

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	8 06-MW-04 G94-06-MW-04	8 06-MW-05 G94-06-MW-05	8 06-MW-05 G94-06-MW-05D	8 06-MW-06 G94-06-MW-06
Alkalinity	643	483	NA	784
E170.1 - Temperature (degC)	()	()	()	()
Temperature	5.50	4.00	NA	5.00
SW6010 - Metals (mg/L)				
Aluminum	NA	4.62	-0.0125	NA
Antimony	NA	-0.00655	0.0138	NA
Arsenic	NA	0.0238	-0.0654	NA
Barium	NA	0.333	0.188	NA
Beryllium	NA	-0.00113	-0.00109	NA
Cadmium	NA	0.000240	-0.000470	NA
Calcium	NA	149	138	NA
Chromium	NA	0.00245	0.000660	NA
Cobalt	NA	0.0126	0.00	NA
Copper	NA	0.0560	0.00648	NA
Iron	NA	8.09	0.0223	NA
Lead	NA	-0.0288	-0.0470	NA
Magnesium	NA	16.2	14.0	NA
Manganese	NA	1.79	1.20	NA
Molybdenum	NA	0.00291	0.00394	NA
Nickel	NA	0.0356	0.0130	NA
Potassium	NA	6.36	5.86	NA
Selenium	NA	-0.0101	-0.0251	NA
Silver	NA	-0.00598	-0.00613	NA
Sodium	NA	42.1	41.3	NA
Thallium	NA	-0.0254	-0.0490	NA
Vanadium	NA	0.00704	-0.000440	NA

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-10

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID		SAMPLE ID	
	8 06-MW-04 G94-06-MW-04	8 06-MW-05 G94-06-MW-05	8 06-MW-06 G94-06-MW-06	8 06-MW-06 G94-06-MW-06
SW6010 - Metals, cont. (mg/L)	NA	0.0483 (0.00402) [1]	0.0136 B (0.00402) [1]	NA
Zinc				
SW7060 - Arsenic (mg/L)	NA	0.00716 (0.000647) [1]	-0.00135 JB (0.000647) [1]	NA
Arsenic				
SW7421 - Lead (mg/L)	NA	0.00994 (0.00205) [1]	-0.0000600 JB (0.00205) [1]	NA
Lead				
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	6.62 () [1]	6.73 () [1]	NA [1]	6.49 () [1]
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	1140 () [1]	710 () [1]	NA [1]	2050 () [1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A14-11

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	06-MW-07 G94-06-MW-07	09-MW-01 G94-09-MW-01	09-MW-02 G94-09-MW-02	09-MW-03 G94-09-MW-03
A403 - Alkalinity (mg/L)	784	701	536	438
E170.1 - Temperature (degC)	4.50	4.50	4.00	3.00
SW9040 - pH Electrometric Measurement (pH UNITS)	6.61	6.77	6.69	6.79
SW9050 - Specific Conductance (umhos/cm)	1390	1270	930	1000

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	LOCATION ID	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID
A403 - Alkalinity (mg/L)	8 09-MW-04 694-09-MW-04	8 09-MW-05 694-09-MW-05	8 09-MW-05 694-09-MW-05-FD Dup of 694-09-MW-05	8 09-MW-06 694-09-MW-06
Alkalinity	()	()	()	()
E170.1 - Temperature (degC)				
Temperature	4.00	3.00	3.00	3.00
SW9040 - pH Electrometric Measurement (pH UNITS)				
pH	7.86	6.84	6.84	6.79
SW9050 - Specific Conductance (umhos/cm)				
Conductivity	840	690	690	350

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		
	LOCATION ID	LOCATION ID	LOCATION ID
	SAMPLE ID	SAMPLE ID	SAMPLE ID
	8 09-MW-08 G94-09-MW-08	8 09-MW-12 G94-09-MW-12	8 09-MW-15 G94-09-MW-15
	8 10-MW-01 G94-10-MW-01		
A403 - Alkalinity (mg/L)	739	850	401
Alkalinity	() [1]	() [1]	() [1]
E170.1 - Temperature (degC)	5.50	5.50	4.00
Temperature	() [1]	() [1]	() [1]
SW9040 - pH Electrometric Measurement (pH UNITS)	6.46	6.44	6.80
pH	() [1]	() [1]	() [1]
SW9050 - Specific Conductance (umhos/cm)	1280	1460	720
Conductivity	() [1]	() [1]	() [1]
			632
			5.50
			6.52
			1220

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

SITE ID
LOCATION ID
SAMPLE ID

8	13	13
10-MW-03	13-MW-37	13-MW-38
694-10-MW-03	694-13-MW-37	694-13-MW-38
	694-13-MW-37-FD Dup of	
	694-13-MW-37	

PARAMETER

A403 - Alkalinity (mg/L)

Alkalinity	608	()	[1]	508	()	[1]	575	()	[1]
------------	-----	-----	-----	-----	-----	-----	-----	-----	-----

E170.1 - Temperature (degC)

Temperature	4.00	()	[1]	3.00	()	[1]	3.50	()	[1]
-------------	------	-----	-----	------	-----	-----	------	-----	-----

SW6010 - Metals (mg/L)

Aluminum	NA	(0.0523)	[1]	-0.0116	JB (0.0523)	[1]	-0.0282	JB (0.0523)	[1]
Antimony	NA	(0.0760)	[1]	-0.0446	JB (0.0760)	[1]	0.0450	JB (0.0760)	[1]
Arsenic	NA	(0.0468)	[1]	0.0198	JB (0.0468)	[1]	-0.0344	JB (0.0468)	[1]
Barium	NA	(0.000860)	[1]	0.169	(0.000860)	[1]	0.131	(0.000860)	[1]
Beryllium	NA	(0.000510)	[1]	0.000500	JB (0.000510)	[1]	-0.000530	JB (0.000510)	[1]
Cadmium	NA	(0.00386)	[1]	-0.00258	JB (0.00386)	[1]	0.000390	JB (0.00386)	[1]
Calcium	NA	(0.0175)	[1]	164	(0.0175)	[1]	190	(0.0175)	[1]
Chromium	NA	(0.00524)	[1]	-0.00192	JB (0.00524)	[1]	0.00415	JB (0.00524)	[1]
Cobalt	NA	(0.00407)	[1]	0.00	JB (0.00407)	[1]	-0.00365	JB (0.00407)	[1]
Copper	NA	(0.00916)	[1]	0.00647	JB (0.00916)	[1]	0.0230	(0.00916)	[1]
Iron	NA	(0.00452)	[1]	0.00181	JB (0.00452)	[1]	0.00266	JB (0.00452)	[1]
Lead	NA	(0.0216)	[1]	-0.0287	JB (0.0216)	[1]	-0.0362	JB (0.0216)	[1]
Magnesium	NA	(0.0479)	[1]	31.9	(0.0479)	[1]	36.9	(0.0479)	[1]
Manganese	NA	(0.00155)	[1]	0.000770	JB (0.00155)	[1]	0.00766	B (0.00155)	[1]
Molybdenum	NA	(0.00739)	[1]	-0.00240	JB (0.00739)	[1]	0.00581	JB (0.00739)	[1]
Nickel	NA	(0.0141)	[1]	0.0176	B (0.0141)	[1]	0.00311	JB (0.0141)	[1]
Potassium	NA	(0.822)	[1]	5.16	(0.822)	[1]	3.56	(0.822)	[1]
Selenium	NA	(0.0891)	[1]	-0.00931	JB (0.0891)	[1]	0.0590	JB (0.0891)	[1]
Silver	NA	(0.00519)	[1]	-0.00201	JB (0.00519)	[1]	-0.00404	JB (0.00519)	[1]
Sodium	NA	(0.0401)	[1]	5.40	(0.0401)	[1]	6.29	(0.0401)	[1]
Thallium	NA	(0.0833)	[1]	-0.0499	JB (0.0833)	[1]	-0.0188	JB (0.0833)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

NA = Not Detected

ND = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A14

ALL RESULTS OF INORGANIC ANALYSES FOR WATER SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		LOCATION ID	SAMPLE ID		
	8	13				
SW6010 - Metals, cont. (mg/L)						
Vanadium	NA	0.000290 JB (0.00454)	[1]	0.00507 B (0.00454) [1]	-0.00241 JB (0.00454) [1]	
Zinc	NA	0.00936 B (0.00402)	[1]	0.00929 B (0.00402) [1]	0.0116 B (0.00402) [1]	
SW7060 - Arsenic (mg/L)						
Arsenic	NA	-0.00145 JB (0.000647)	[1]	-0.00100 JB (0.000647)	[1]	-0.0000700 JB (0.000647) [1]
SW7421 - Lead (mg/L)						
Lead	NA	0.000560 JB (0.00220)	[1]	-0.000540 JB (0.00220)	[1]	-0.000660 JB (0.00220) [1]
SW9040 - pH Electrometric Measurement (pH UNITS)						
pH	6.78	() [1]	[1]	6.59 () [1]	[1]	6.46 () [1]
SW9050 - Specific Conductance (umhos/cm)						
Conductivity	1140	() [1]	[1]	940 () [1]	[1]	1040 () [1]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

PARAMETER	1 01-HA-13 G94-01-HA-13-01 0 - 0.5	1 01-HA-13 G94-01-HA-13-02 4.5 - 5	DD DD-SS-01 G94-DD-SS-01 0 - 0	DD DD-SS-02 G94-DD-SS-02 0 - 0
AKI01 - Gasoline Range Organics (mg/kg)	NA	NA	72.0 F (5.00) [5]	11.0 F (5.00) [5]
Gasoline Range Organics	NA	NA		
AKI02 - Diesel Range Organics (mg/kg)	NA	NA	110 (4.00) [1]	250 (8.00) [2]
Diesel Range Organics	NA	NA		
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)				
4,4'-DDD	NA	23900 (65.7) [200]	2980 (6.64) [20]	
4,4'-DDE	NA	187 (7.56) [20]	61.6 (7.64) [20]	
4,4'-DDT	NA	886 (8.06) [20]	736 (8.14) [20]	
Aldrin	NA	11.9 (9.03) [20]	ND (9.12) [20]	
Chlordane	NA	ND (43.7) [20]	ND (44.2) [20]	
Dieldrin	NA	110 P (8.94) [20]	38.7 P (9.03) [20]	
Endosulfan I	NA	ND (4.72) [20]	4.93 KJ (9.95) [20]	
Endosulfan II	NA	ND (8.28) [20]	ND (8.36) [20]	
Endosulfan Sulfate	NA	ND (10.9) [20]	ND (11.0) [20]	
Endrin	NA	ND (12.2) [20]	ND (12.3) [20]	
Endrin Aldehyde	NA	ND (13.7) [20]	ND (13.9) [20]	
Heptachlor	NA	0.243 KJ (14.2) [20]	ND (12.0) [20]	
Heptachlor epoxide	NA	ND (20.6) [20]	11.8 KJ (20.8) [20]	
Methoxychlor	NA	ND (86.9) [20]	ND (87.7) [20]	
PCB-1016	NA	ND (70.5) [20]	ND (71.2) [20]	
PCB-1221	NA	ND (63.4) [20]	ND (64.0) [20]	
PCB-1232	NA	ND (160) [20]	ND (162) [20]	
PCB-1242	NA	ND (58.6) [20]	ND (59.2) [20]	
PCB-1248	NA	ND (69.4) [20]	ND (70.1) [20]	
PCB-1254	NA	ND (27.8) [20]	ND (28.1) [20]	
PCB-1260	NA	ND (77.2) [20]	ND (77.9) [20]	
Toxaphene	NA	ND (124) [20]	ND (125) [20]	

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A15-2

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	1		DD	
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID
	01-HA-13	01-HA-13	DD-SS-01	DD-SS-02
	694-01-HA-13-01	694-01-HA-13-02	694-DD-SS-01	694-DD-SS-02
	0 - 0.5	4.5 - 5	0 - 0	0 - 0

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)				
alpha-BHC	NA	NA	ND	ND
beta-BHC	NA	NA	ND	ND
delta-BHC	NA	NA	ND	ND
gamma-BHC	NA	NA	ND	37.9
				(6.35) [20]
				(8.99) [20]
				(5.18) [20]
				(3.96) [20]

SW8280 - Dioxins and Furans (ng/g)				
2,3,7,8-TCDD	ND	(0.177) [1]	NA	NA
HpCDD Totals	0.137 J	(0.277) [1]	NA	NA
HpCDF Totals	ND	(0.199) [1]	NA	NA
HxCDD Totals	ND	(0.196) [1]	NA	NA
HxCDF Totals	ND	(0.116) [1]	NA	NA
OCDD	0.873	(0.648) [1]	NA	NA
OCDF	ND	(0.400) [1]	NA	NA
PeCDD Totals	ND	(0.175) [1]	NA	NA
PeCDF Totals	ND	(0.116) [1]	NA	NA
TCDD Totals	ND	(0.177) [1]	NA	NA
TCDF Totals	ND	(0.140) [1]	NA	NA

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-3

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)	DD	DD	DD	MB							
	LOCATION ID		LOCATION ID													
	DD	DD	DD	DD												
	DD-SS-03	DD-SS-04	DD-SS-05	MB-SS-01												
	694-DD-SS-03	694-DD-SS-04	694-DD-SS-05	694-MB-SS-01												
	0 - 0	0 - 0	0 - 0	0 - 0.5												

AK101 - Gasoline Range Organics (mg/kg)	18.0	F (	5.00)	[5]	2.00	J (	5.00)	[5]	4.00	J (	5.00)	[5]	NA			
Gasoline Range Organics	410	(	8.00)	[2]	22.0	(	4.00)	[1]	94.0	(	4.00)	[1]	NA			
AK102 - Diesel Range Organics (mg/kg)																
Diesel Range Organics																
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)																
4,4'-DDD	12700	(	34.3)	[100]	917	(	3.18)	[10]	9450	(	33.0)	[100]	23.2	(	1.66)	[5]
4,4'-DDE	168	(	7.91)	[20]	44.7	(	3.66)	[10]	134	(	7.61)	[20]	5.09	(	1.92)	[5]
4,4'-DDT	1280	(	8.42)	[20]	368	(	3.90)	[10]	1240	(	8.10)	[20]	33.4	(	2.04)	[5]
Aldrin	ND	(	5.50)	[20]	ND	(	4.37)	[10]	ND	(	5.29)	[20]	ND	(	1.33)	[5]
Chlordane	ND	(	45.7)	[20]	ND	(	21.2)	[10]	ND	(	44.0)	[20]	ND	(	11.1)	[5]
Dieldrin	74.1	P (	9.35)	[20]	14.2	P (	4.33)	[10]	60.0	P (	8.99)	[20]	7.33	(	1.56)	[5]
Endosulfan I	ND	(	4.93)	[20]	ND	(	2.29)	[10]	ND	(	4.75)	[20]	0.685	KJ (	2.49)	[5]
Endosulfan II	ND	(	8.65)	[20]	ND	(	4.01)	[10]	ND	(	8.32)	[20]	ND	(	2.10)	[5]
Endosulfan Sulfate	ND	(	11.4)	[20]	ND	(	5.29)	[10]	ND	(	11.0)	[20]	ND	(	2.77)	[5]
Endrin	ND	(	12.7)	[20]	ND	(	5.90)	[10]	ND	(	12.2)	[20]	0.911	KJB (	4.22)	[5]
Endrin Aldehyde	ND	(	14.4)	[20]	ND	(	6.66)	[10]	ND	(	13.8)	[20]	0.225	KJ (	3.31)	[5]
Heptachlor	ND	(	12.5)	[20]	ND	(	5.77)	[10]	ND	(	12.0)	[20]	0.319	KJ (	3.59)	[5]
Heptachlor epoxide	15.4	KJ (	21.5)	[20]	ND	(	9.96)	[10]	2.58	KJ (	20.7)	[20]	1.77	KJ (	5.21)	[5]
Methoxychlor	ND	(	90.8)	[20]	ND	(	42.1)	[10]	ND	(	87.3)	[20]	ND	(	22.0)	[5]
PCB-1016	ND	(	73.6)	[20]	ND	(	34.1)	[10]	ND	(	70.9)	[20]	ND	(	17.8)	[5]
PCB-1221	ND	(	66.2)	[20]	ND	(	30.7)	[10]	ND	(	63.7)	[20]	ND	(	16.0)	[5]
PCB-1232	ND	(	167)	[20]	ND	(	77.6)	[10]	ND	(	161)	[20]	ND	(	40.6)	[5]
PCB-1242	ND	(	61.3)	[20]	ND	(	28.4)	[10]	ND	(	58.9)	[20]	ND	(	14.8)	[5]
PCB-1248	ND	(	72.5)	[20]	ND	(	33.6)	[10]	ND	(	69.8)	[20]	ND	(	17.6)	[5]
PCB-1254	ND	(	29.1)	[20]	ND	(	13.5)	[10]	ND	(	28.0)	[20]	ND	(	7.04)	[5]
PCB-1260	ND	(	80.6)	[20]	ND	(	37.4)	[10]	ND	(	77.6)	[20]	ND	(	19.5)	[5]
Toxaphene	ND	(	130)	[20]	ND	(	60.0)	[10]	ND	(	125)	[20]	ND	(	31.4)	[5]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

PARAMETER	DD		DD		DD		DD		MB	
	DD-SS-03	DD-SS-04	DD-SS-05	DD-SS-06	DD-SS-07	DD-SS-08	DD-SS-09	DD-SS-10	DD-SS-11	DD-SS-12
SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)										
alpha-BHC	ND (6.58)	ND (3.05)	ND (6.33)	ND (6.33)	ND (1.59)	ND (1.59)	ND (1.59)	ND (1.59)	ND (1.59)	ND (1.59)
beta-BHC	ND (9.30)	ND (4.31)	ND (8.95)	ND (8.95)	ND (2.25)	ND (2.25)	ND (2.25)	ND (2.25)	ND (2.25)	ND (2.25)
delta-BHC	ND (5.36)	ND (2.48)	ND (5.16)	ND (5.16)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)	ND (1.30)
gamma-BHC	ND (4.10)	ND (1.90)	ND (3.94)	ND (3.94)	ND (0.993)	ND (0.993)	ND (0.993)	ND (0.993)	ND (0.993)	ND (0.993)

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	MB		MB		MB	
	MB-SS-02 G94-MB-SS-02 0 - 0.5	MB-SS-03 G94-MB-SS-03 0 - 0.5	MB-SS-04 G94-MB-SS-04 0 - 0.5	MB-SS-05 G94-MB-SS-05 0 - 0.5	MB-SS-06 G94-MB-SS-06 0 - 0.5	MB-SS-07 G94-MB-SS-07 0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)						
4,4'-DDD	350 (6.63)	(33.4)	[100]	142 (6.81)	[20]	129 (6.26)
4,4'-DDE	52.0 (7.63)	(38.5)	[100]	71.8 (7.83)	[20]	52.9 (7.20)
4,4'-DDT	625 (8.13)	(41.0)	[100]	949 (8.35)	[20]	547 (7.67)
Aldrin	ND (5.30)	(45.9)	[100]	ND (9.35)	[20]	ND (5.17)
Chlordane	ND (44.1)	(223)	[100]	ND (45.3)	[20]	ND (41.6)
Dieldrin	87.5 (6.22)	(45.5)	[100]	ND (9.26)	[20]	ND (5.87)
Endosulfan I	ND (4.76)	(24.0)	[100]	ND (4.89)	[20]	3.98 KJ (9.68)
Endosulfan II	ND (8.35)	(42.1)	[100]	ND (8.57)	[20]	ND (7.88)
Endosulfan Sulfate	ND (11.0)	(55.6)	[100]	ND (11.3)	[20]	ND (10.4)
Endrin	2.21 KJB (16.8)	(84.8)	[100]	ND (17.3)	[20]	ND (15.9)
Endrin Aldehyde	4.29 KJ (13.2)	(70.0)	[100]	2.50 KJ (13.5)	[20]	ND (13.1)
Heptachlor	0.153 KJ (14.3)	(60.6)	[100]	1.12 KJ (12.3)	[20]	ND (11.3)
Heptachlor epoxide	3.05 PJ (4.17)	(105)	[100]	ND (21.3)	[20]	ND (19.6)
Methoxychlor	ND (87.6)	(442)	[100]	ND (90.0)	[20]	ND (82.7)
PCB-1016	ND (71.1)	(359)	[100]	ND (73.0)	[20]	ND (67.1)
PCB-1221	ND (63.9)	(322)	[100]	ND (65.6)	[20]	ND (60.3)
PCB-1232	ND (162)	(815)	[100]	ND (166)	[20]	ND (152)
PCB-1242	ND (59.1)	(298)	[100]	ND (60.7)	[20]	ND (55.8)
PCB-1248	ND (70.0)	(353)	[100]	ND (71.9)	[20]	ND (66.1)
PCB-1254	ND (28.0)	(141)	[100]	ND (28.8)	[20]	ND (26.5)
PCB-1260	ND (77.8)	(393)	[100]	ND (79.9)	[20]	ND (73.4)
Toxaphene	ND (125)	(630)	[100]	ND (128)	[20]	ND (118)
alpha-BHC	ND (6.35)	(32.0)	[100]	ND (6.52)	[20]	ND (5.99)
beta-BHC	ND (8.98)	(45.3)	[100]	ND (9.22)	[20]	ND (8.47)
delta-BHC	ND (5.17)	(26.1)	[100]	ND (5.31)	[20]	ND (4.88)
gamma-BHC	ND (3.96)	(20.0)	[100]	ND (4.06)	[20]	ND (3.73)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

MA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID											
	MB				MB				MB			
	MB-SS-06 G94-MB-SS-06 0 - 0.5	MB-SS-07 G94-MB-SS-07 0 - 0.5	MB-SS-08 G94-MB-SS-08 0 - 0.5	MB-SS-09 G94-MB-SS-09 0 - 0.5	MB-SS-06 G94-MB-SS-06 0 - 0.5	MB-SS-07 G94-MB-SS-07 0 - 0.5	MB-SS-08 G94-MB-SS-08 0 - 0.5	MB-SS-09 G94-MB-SS-09 0 - 0.5	MB-SS-06 G94-MB-SS-06 0 - 0.5	MB-SS-07 G94-MB-SS-07 0 - 0.5	MB-SS-08 G94-MB-SS-08 0 - 0.5	MB-SS-09 G94-MB-SS-09 0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)												
4,4'-DDD	2930 (43.3) [100]	275 (7.61) [20]	170 (1.66) [5]	431 (3.24) [10]	2930 (43.3) [100]	275 (7.61) [20]	170 (1.66) [5]	431 (3.24) [10]	2930 (43.3) [100]	275 (7.61) [20]	170 (1.66) [5]	431 (3.24) [10]
4,4'-DDE	597 (49.8) [100]	28.0 (8.75) [20]	39.4 (1.91) [5]	120 (3.73) [10]	597 (49.8) [100]	28.0 (8.75) [20]	39.4 (1.91) [5]	120 (3.73) [10]	597 (49.8) [100]	28.0 (8.75) [20]	39.4 (1.91) [5]	120 (3.73) [10]
4,4'-DDT	13400 (53.0) [100]	363 (9.33) [20]	112 (2.04) [5]	1180 (3.97) [10]	13400 (53.0) [100]	363 (9.33) [20]	112 (2.04) [5]	1180 (3.97) [10]	13400 (53.0) [100]	363 (9.33) [20]	112 (2.04) [5]	1180 (3.97) [10]
Aldrin	ND (34.6) [100]	ND (10.4) [20]	ND (2.28) [5]	ND (4.45) [10]	ND (34.6) [100]	ND (10.4) [20]	ND (2.28) [5]	ND (4.45) [10]	ND (34.6) [100]	ND (10.4) [20]	ND (2.28) [5]	ND (4.45) [10]
Chlordane	ND (288) [100]	ND (50.6) [20]	ND (11.1) [5]	ND (21.6) [10]	ND (288) [100]	ND (50.6) [20]	ND (11.1) [5]	ND (21.6) [10]	ND (288) [100]	ND (50.6) [20]	ND (11.1) [5]	ND (21.6) [10]
Dieldrin	484 (40.6) [100]	ND (10.3) [20]	24.0 (1.56) [5]	9.15 (3.04) [10]	484 (40.6) [100]	ND (10.3) [20]	24.0 (1.56) [5]	9.15 (3.04) [10]	484 (40.6) [100]	ND (10.3) [20]	24.0 (1.56) [5]	9.15 (3.04) [10]
Endosulfan I	35.5 KJ (64.8) [100]	ND (5.46) [20]	ND (1.19) [5]	4.45 KJ (4.86) [10]	35.5 KJ (64.8) [100]	ND (5.46) [20]	ND (1.19) [5]	4.45 KJ (4.86) [10]	35.5 KJ (64.8) [100]	ND (5.46) [20]	ND (1.19) [5]	4.45 KJ (4.86) [10]
Endosulfan II	ND (54.5) [100]	ND (9.58) [20]	ND (2.09) [5]	ND (4.08) [10]	ND (54.5) [100]	ND (9.58) [20]	ND (2.09) [5]	ND (4.08) [10]	ND (54.5) [100]	ND (9.58) [20]	ND (2.09) [5]	ND (4.08) [10]
Endosulfan Sulfate	ND (71.9) [100]	ND (12.6) [20]	ND (2.76) [5]	5.46 KJ (10.8) [10]	ND (71.9) [100]	ND (12.6) [20]	ND (2.76) [5]	5.46 KJ (10.8) [10]	ND (71.9) [100]	ND (12.6) [20]	ND (2.76) [5]	5.46 KJ (10.8) [10]
Endrin	ND (110) [100]	ND (19.3) [20]	1.38 KJB (4.21) [5]	3.76 KJ (8.21) [10]	ND (110) [100]	ND (19.3) [20]	1.38 KJB (4.21) [5]	3.76 KJ (8.21) [10]	ND (110) [100]	ND (19.3) [20]	1.38 KJB (4.21) [5]	3.76 KJ (8.21) [10]
Endrin Aldehyde	ND (90.5) [100]	ND (15.9) [20]	ND (3.48) [5]	0.611 KJ (6.44) [10]	ND (90.5) [100]	ND (15.9) [20]	ND (3.48) [5]	0.611 KJ (6.44) [10]	ND (90.5) [100]	ND (15.9) [20]	ND (3.48) [5]	0.611 KJ (6.44) [10]
Heptachlor	ND (78.4) [100]	ND (13.8) [20]	ND (3.02) [5]	ND (5.88) [10]	ND (78.4) [100]	ND (13.8) [20]	ND (3.02) [5]	ND (5.88) [10]	ND (78.4) [100]	ND (13.8) [20]	ND (3.02) [5]	ND (5.88) [10]
Heptachlor epoxide	10.5 KJ (135) [100]	ND (23.8) [20]	ND (5.20) [5]	ND (10.1) [10]	10.5 KJ (135) [100]	ND (23.8) [20]	ND (5.20) [5]	ND (10.1) [10]	10.5 KJ (135) [100]	ND (23.8) [20]	ND (5.20) [5]	ND (10.1) [10]
Methoxychlor	ND (572) [100]	ND (100) [20]	ND (22.0) [5]	ND (42.8) [10]	ND (572) [100]	ND (100) [20]	ND (22.0) [5]	ND (42.8) [10]	ND (572) [100]	ND (100) [20]	ND (22.0) [5]	ND (42.8) [10]
PCB-1016	ND (464) [100]	ND (81.5) [20]	ND (17.8) [5]	ND (34.8) [10]	ND (464) [100]	ND (81.5) [20]	ND (17.8) [5]	ND (34.8) [10]	ND (464) [100]	ND (81.5) [20]	ND (17.8) [5]	ND (34.8) [10]
PCB-1221	ND (417) [100]	ND (73.3) [20]	ND (16.0) [5]	ND (31.2) [10]	ND (417) [100]	ND (73.3) [20]	ND (16.0) [5]	ND (31.2) [10]	ND (417) [100]	ND (73.3) [20]	ND (16.0) [5]	ND (31.2) [10]
PCB-1232	ND (1050) [100]	ND (185) [20]	ND (40.5) [5]	ND (79.0) [10]	ND (1050) [100]	ND (185) [20]	ND (40.5) [5]	ND (79.0) [10]	ND (1050) [100]	ND (185) [20]	ND (40.5) [5]	ND (79.0) [10]
PCB-1242	ND (386) [100]	ND (67.8) [20]	ND (14.8) [5]	ND (28.9) [10]	ND (386) [100]	ND (67.8) [20]	ND (14.8) [5]	ND (28.9) [10]	ND (386) [100]	ND (67.8) [20]	ND (14.8) [5]	ND (28.9) [10]
PCB-1248	ND (457) [100]	ND (80.3) [20]	ND (17.6) [5]	ND (34.2) [10]	ND (457) [100]	ND (80.3) [20]	ND (17.6) [5]	ND (34.2) [10]	ND (457) [100]	ND (80.3) [20]	ND (17.6) [5]	ND (34.2) [10]
PCB-1254	ND (183) [100]	ND (32.2) [20]	ND (7.03) [5]	ND (13.7) [10]	ND (183) [100]	ND (32.2) [20]	ND (7.03) [5]	ND (13.7) [10]	ND (183) [100]	ND (32.2) [20]	ND (7.03) [5]	ND (13.7) [10]
PCB-1260	ND (508) [100]	ND (89.3) [20]	ND (19.5) [5]	ND (38.0) [10]	ND (508) [100]	ND (89.3) [20]	ND (19.5) [5]	ND (38.0) [10]	ND (508) [100]	ND (89.3) [20]	ND (19.5) [5]	ND (38.0) [10]
Toxaphene	ND (816) [100]	ND (143) [20]	ND (31.4) [5]	ND (61.1) [10]	ND (816) [100]	ND (143) [20]	ND (31.4) [5]	ND (61.1) [10]	ND (816) [100]	ND (143) [20]	ND (31.4) [5]	ND (61.1) [10]
alpha-BHC	ND (41.4) [100]	ND (7.28) [20]	ND (1.59) [5]	ND (3.10) [10]	ND (41.4) [100]	ND (7.28) [20]	ND (1.59) [5]	ND (3.10) [10]	ND (41.4) [100]	ND (7.28) [20]	ND (1.59) [5]	ND (3.10) [10]
beta-BHC	ND (58.6) [100]	ND (10.3) [20]	ND (2.25) [5]	ND (4.39) [10]	ND (58.6) [100]	ND (10.3) [20]	ND (2.25) [5]	ND (4.39) [10]	ND (58.6) [100]	ND (10.3) [20]	ND (2.25) [5]	ND (4.39) [10]
delta-BHC	ND (33.8) [100]	ND (5.94) [20]	ND (1.30) [5]	ND (2.53) [10]	ND (33.8) [100]	ND (5.94) [20]	ND (1.30) [5]	ND (2.53) [10]	ND (33.8) [100]	ND (5.94) [20]	ND (1.30) [5]	ND (2.53) [10]
gamma-BHC	ND (25.8) [100]	ND (4.54) [20]	ND (0.992) [5]	ND (1.93) [10]	ND (25.8) [100]	ND (4.54) [20]	ND (0.992) [5]	ND (1.93) [10]	ND (25.8) [100]	ND (4.54) [20]	ND (0.992) [5]	ND (1.93) [10]

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* = Value considered suspect, Refer to QC Report

A15-7

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID					
	MB		MB		MB	
	MB-SS-10 G94-MB-SS-10 0 - 0.5	MB-SS-11 G94-MB-SS-11 0 - 0.5	MB-SS-12 G94-MB-SS-12 0 - 0.5	MB-SS-13 G94-MB-SS-13 0 - 0.5	MB-SS-14 G94-MB-SS-14 0 - 0.5	MB-SS-15 G94-MB-SS-15 0 - 0.5
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)						
4,4'-DDD	37800 ((131) [400]	176 ((3.48) [10]	1180 ((3.47) [10]	35.0 ((1.74) [5]		
4,4'-DDE	1280 ((151) [400]	67.4 ((4.00) [10]	56.9 ((3.99) [10]	8.62 ((2.00) [5]		
4,4'-DDT	81900 ((161) [400]	1170 ((4.26) [10]	376 ((4.25) [10]	42.9 ((2.13) [5]		
Aldrin	ND ((180) [400]	ND ((2.78) [10]	ND ((2.78) [10]	ND ((1.39) [5]		
Chlordane	ND ((874) [400]	ND ((23.1) [10]	ND ((23.1) [10]	ND ((11.6) [5]		
Dieldrin	490 P ((179) [400]	34.1 ((3.26) [10]	58.8 ((3.25) [10]	11.7 P ((1.63) [5]		
Endosulfan I	ND ((94.3) [400]	3.28 KJ ((5.21) [10]	ND ((2.49) [10]	ND ((1.25) [5]		
Endosulfan II	ND ((165) [400]	ND ((4.38) [10]	ND ((4.37) [10]	ND ((2.19) [5]		
Endosulfan Sulfate	ND ((218) [400]	ND ((5.78) [10]	2.98 KJ ((11.6) [10]	3.19 KJ ((5.82) [5]		
Endrin	199 KJ ((333) [400]	ND ((8.81) [10]	8.89 ((8.79) [10]	ND ((3.22) [5]		
Endrin Aldehyde	ND ((275) [400]	1.42 KJ ((6.91) [10]	4.23 KJ ((7.26) [10]	ND ((3.64) [5]		
Heptachlor	ND ((238) [400]	0.648 KJ ((7.50) [10]	ND ((6.29) [10]	3.51 KJ ((3.75) [5]		
Heptachlor epoxide	ND ((411) [400]	ND ((10.9) [10]	ND ((10.9) [10]	1.26 P ((1.09) [5]		
Methoxychlor	ND ((1740) [400]	ND ((46.0) [10]	ND ((45.8) [10]	ND ((23.0) [5]		
PCB-1016	ND ((1410) [400]	ND ((37.3) [10]	ND ((37.2) [10]	ND ((18.6) [5]		
PCB-1221	ND ((1270) [400]	ND ((33.5) [10]	ND ((33.4) [10]	ND ((16.8) [5]		
PCB-1232	ND ((3200) [400]	ND ((84.7) [10]	ND ((84.5) [10]	ND ((42.4) [5]		
PCB-1242	ND ((1170) [400]	ND ((31.0) [10]	ND ((30.9) [10]	ND ((15.5) [5]		
PCB-1248	ND ((1390) [400]	ND ((36.7) [10]	ND ((36.6) [10]	ND ((18.4) [5]		
PCB-1254	ND ((555) [400]	ND ((14.7) [10]	ND ((14.7) [10]	ND ((7.35) [5]		
PCB-1260	ND ((1540) [400]	ND ((40.8) [10]	ND ((40.7) [10]	ND ((20.4) [5]		
Toxaphene	ND ((2480) [400]	ND ((65.6) [10]	ND ((65.4) [10]	ND ((32.8) [5]		
alpha-BHC	ND ((126) [400]	ND ((3.33) [10]	ND ((3.32) [10]	ND ((1.66) [5]		
beta-BHC	ND ((178) [400]	ND ((4.71) [10]	ND ((4.70) [10]	ND ((2.35) [5]		
delta-BHC	ND ((102) [400]	ND ((2.71) [10]	ND ((2.71) [10]	ND ((1.36) [5]		
gamma-BHC	ND ((78.4) [400]	ND ((2.08) [10]	11.9 ((2.07) [10]	10.2 ((1.04) [5]		

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID									
	MB		MB		MB		MB		MB	
	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17	MB-SS-14	MB-SS-15	MB-SS-16	MB-SS-17	MB-SS-14	MB-SS-15
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)										
245	(1.89)	(10.8)	(31.1)	(12.9)	[5]	(79.1)	(1510)	(31.1)	[100]	(179)
4,4'-DDD	(2.18)	(12.5)	(35.8)	(14.8)	[5]	(40.0)	(507)	(35.8)	[100]	(32.2)
4,4'-DDE	(2.32)	(13.3)	(38.2)	(15.8)	[5]	(127)	(3510)	(38.2)	[100]	(325)
4,4'-DDT	(1.51)	(8.67)	(24.9)	(17.7)	[5]	(ND)	(ND)	(24.9)	[100]	(21.2)
Aldrin	(12.6)	(72.1)	(207)	(85.7)	[5]	(ND)	(ND)	(207)	[100]	(ND)
Chlordane	(2.57)	(10.2)	(29.2)	(12.1)	[5]	(ND)	(338)	(29.2)	[100]	(63.9)
Dieldrin	(1.36)	(7.78)	(22.3)	(9.24)	[5]	(ND)	(ND)	(22.3)	[100]	(ND)
Endosulfan I	(2.38)	(13.6)	(39.2)	(16.2)	[5]	(ND)	(ND)	(39.2)	[100]	(ND)
Endosulfan II	(3.15)	(36.2)	(51.7)	(21.4)	[5]	(17.6 KJ)	(ND)	(51.7)	[100]	(ND)
Endosulfan Sulfate	(4.80)	(27.5)	(78.9)	(32.6)	[5]	(ND)	(ND)	(78.9)	[100]	(ND)
Endrin	(3.96)	(22.7)	(61.8)	(26.9)	[5]	(ND)	(ND)	(61.8)	[100]	(ND)
Endrin Aldehyde	(3.43)	(19.6)	(56.4)	(23.3)	[5]	(ND)	(ND)	(56.4)	[100]	(ND)
Heptachlor	(5.92)	(33.9)	(97.3)	(40.3)	[5]	(2.90 PJ)	(ND)	(97.3)	[100]	(ND)
Heptachlor epoxide	(38.8)	(143)	(411)	(170)	[5]	(ND)	(ND)	(411)	[100]	(ND)
Methoxychlor	(20.3)	(116)	(334)	(138)	[5]	(ND)	(ND)	(334)	[100]	(ND)
PCB-1016	(18.2)	(104)	(300)	(124)	[5]	(ND)	(ND)	(300)	[100]	(ND)
PCB-1221	(46.1)	(264)	(758)	(314)	[5]	(ND)	(ND)	(758)	[100]	(ND)
PCB-1232	(16.9)	(96.6)	(278)	(115)	[5]	(ND)	(ND)	(278)	[100]	(ND)
PCB-1242	(20.0)	(114)	(329)	(136)	[5]	(ND)	(ND)	(329)	[100]	(ND)
PCB-1248	(8.00)	(45.8)	(132)	(54.4)	[5]	(ND)	(ND)	(132)	[100]	(ND)
PCB-1254	(22.2)	(127)	(365)	(151)	[5]	(ND)	(ND)	(365)	[100]	(ND)
PCB-1260	(35.7)	(204)	(587)	(243)	[5]	(ND)	(ND)	(587)	[100]	(ND)
Toxaphene	(1.81)	(10.4)	(29.8)	(12.3)	[5]	(ND)	(ND)	(29.8)	[100]	(ND)
alpha-BHC	(2.56)	(14.7)	(42.1)	(17.4)	[5]	(ND)	(ND)	(42.1)	[100]	(ND)
beta-BHC	(1.48)	(8.45)	(24.3)	(10.0)	[5]	(ND)	(ND)	(24.3)	[100]	(ND)
delta-BHC	(1.13)	(6.47)	(18.6)	(7.68)	[5]	(ND)	(ND)	(18.6)	[100]	(ND)
gamma-BHC										

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * = Value considered suspect, Refer to QC Report

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID																	
	MB			MB			MB			MB								
	MB-SS-18 G94-MB-SS-18 0 - 0.5	MB-SS-19 G94-MB-SS-19 0 - 0.5	MB-SS-20 G94-MB-SS-20 0 - 0.5	MB-SS-18 G94-MB-SS-18 0 - 0.5	MB-SS-19 G94-MB-SS-19 0 - 0.5	MB-SS-20 G94-MB-SS-20 0 - 0.5	MB-SS-18 G94-MB-SS-18 0 - 0.5	MB-SS-19 G94-MB-SS-19 0 - 0.5	MB-SS-20 G94-MB-SS-20 0 - 0.5	MB-SS-18 G94-MB-SS-18 0 - 0.5	MB-SS-19 G94-MB-SS-19 0 - 0.5	MB-SS-20 G94-MB-SS-20 0 - 0.5						
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)	158	(	12.9)	[40]	2920	(	35.4)	[100]	5810	(	31.9)	[100]	105	(	6.97)	[20]
4,4'-DDD	33.1	(	14.8)	[40]	1950	(	40.7)	[100]	249	(	36.7)	[100]	94.6	(	8.02)	[20]
4,4'-DDE	272	(	15.8)	[40]	8450	(	43.4)	[100]	8540	(	39.1)	[100]	861	(	8.55)	[20]
4,4'-DDT	ND	(	17.7)	[40]	ND	(	48.6)	[100]	ND	(	43.8)	[100]	ND	(	5.58)	[20]
Aldrin	ND	(	85.8)	[40]	ND	(	235)	[100]	ND	(	212)	[100]	ND	(	46.4)	[20]
Chlordane	ND	(17.5)	[40]	409	(33.2)	[100]	109	P	(43.4)	[100]	26.5	(6.54)	[20]	
Dieldrin	ND	(9.26)	[40]	22.1	KJ	(53.0)	[100]	ND	(22.9)	[100]	ND	(5.01)	[20]	
Endosulfan I	ND	(	16.2)	[40]	ND	(	44.5)	[100]	ND	(	40.2)	[100]	ND	(	8.78)	[20]
Endosulfan II	ND	(	21.4)	[40]	ND	(	58.8)	[100]	ND	(	53.0)	[100]	ND	(	11.6)	[20]
Endosulfan Sulfate	ND	(32.7)	[40]	23.4	KJ	(89.7)	[100]	32.5	KJ	(80.9)	[100]	ND	(17.7)	[20]
Endrin	ND	(	27.0)	[40]	ND	(	74.0)	[100]	ND	(	66.7)	[100]	ND	(	14.6)	[20]
Endrin Aldehyde	ND	(	23.4)	[40]	ND	(	64.2)	[100]	ND	(	57.8)	[100]	ND	(	12.6)	[20]
Heptachlor	ND	(40.3)	[40]	ND	(111)	[100]	ND	(99.8)	[100]	3.27	KJ	(4.39)	[20]	
Heptachlor epoxide	ND	(	170)	[40]	ND	(	468)	[100]	ND	(	422)	[100]	ND	(	92.1)	[20]
Methoxychlor	ND	(	138)	[40]	ND	(	379)	[100]	ND	(	342)	[100]	ND	(	74.7)	[20]
PCB-1016	ND	(	124)	[40]	ND	(	341)	[100]	ND	(	308)	[100]	ND	(	67.2)	[20]
PCB-1221	ND	(	314)	[40]	ND	(	862)	[100]	ND	(	777)	[100]	ND	(	170)	[20]
PCB-1232	ND	(	115)	[40]	ND	(	316)	[100]	ND	(	285)	[100]	ND	(	62.2)	[20]
PCB-1242	ND	(	136)	[40]	ND	(	374)	[100]	ND	(	337)	[100]	ND	(	73.6)	[20]
PCB-1248	ND	(	54.5)	[40]	ND	(	150)	[100]	ND	(	135)	[100]	ND	(	29.5)	[20]
PCB-1254	ND	(	151)	[40]	ND	(	415)	[100]	ND	(	374)	[100]	ND	(	81.8)	[20]
PCB-1260	ND	(	243)	[40]	ND	(	667)	[100]	ND	(	601)	[100]	ND	(	131)	[20]
Toxaphene	ND	(	12.3)	[40]	ND	(	33.9)	[100]	ND	(	30.5)	[100]	ND	(	6.67)	[20]
alpha-BHC	ND	(	17.5)	[40]	ND	(	47.9)	[100]	ND	(	43.2)	[100]	ND	(	9.44)	[20]
beta-BHC	ND	(	10.1)	[40]	ND	(	27.6)	[100]	ND	(	24.9)	[100]	ND	(	5.44)	[20]
delta-BHC	ND	(	7.70)	[40]	ND	(	21.1)	[100]	ND	(	19.0)	[100]	ND	(	4.16)	[20]
gamma-BHC																		

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-10

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	MB		PO		
	LOCATION ID	SAMPLE ID	LOCATION ID	SAMPLE ID	
AK101 - Gasoline Range Organics (mg/kg)	MB	PO	MB	PO	
Gasoline Range Organics	MB-SS-22 694-MB-SS-22 0 - 0.5	MB-SS-23 694-MB-SS-23 0 - 0.5	PO-SS-01 694-PO-SS-01 0 - 0.5	PO-SS-02 694-PO-SS-02 0 - 0.5	
AK102 - Diesel Range Organics (mg/kg)	NA	NA	0.00 J (5.00)	0.00 J (5.00)	[5] [5]
Diesel Range Organics	NA	NA	21.0 (4.00)	8.00 (4.00)	[1] [1]
SW8080 - Organochlorine Pesticides and PCBs (ug/kg)					
4,4'-DDD	213 (3.63) [10]	(4.34) [10]	3.87 P (0.368) [1]	9.80 P (0.352) [1]	
4,4'-DDE	22.6 (4.18) [10]	(5.00) [10]	0.911 (0.424) [1]	1.75 (0.405) [1]	
4,4'-DDT	72.2 (4.45) [10]	(5.33) [10]	18.3 (0.452) [1]	75.7 (0.432) [1]	
Aldrin	ND (2.90) [10]	(5.97) [10]	ND (0.295) [1]	ND (0.282) [1]	
Chlordane	ND (24.2) [10]	(28.9) [10]	ND (2.45) [1]	ND (2.34) [1]	
Dieldrin	ND (4.94) [10]	(4.07) [10]	ND (0.501) [1]	2.87 (0.330) [1]	
Endosulfan I	4.54 KJ (5.44) [10]	(3.12) [10]	ND (0.264) [1]	ND (0.253) [1]	
Endosulfan II	ND (4.57) [10]	(5.47) [10]	ND (0.464) [1]	ND (0.443) [1]	
Endosulfan Sulfate	ND (6.04) [10]	(7.22) [10]	ND (0.612) [1]	ND (0.585) [1]	
Endrin	2.14 KJB (9.20) [10]	(11.0) [10]	ND (0.934) [1]	ND (0.893) [1]	
Endrin Aldehyde	ND (7.60) [10]	(8.63) [10]	ND (0.771) [1]	ND (0.737) [1]	
Heptachlor	ND (6.58) [10]	(9.37) [10]	0.297 KJ (0.795) [1]	0.354 KJ (0.760) [1]	
Heptachlor epoxide	ND (11.4) [10]	(13.6) [10]	ND (0.232) [1]	ND (0.222) [1]	
Methoxychlor	ND (48.0) [10]	(57.4) [10]	ND (4.87) [1]	ND (4.65) [1]	
PCB-1016	ND (38.9) [10]	(46.6) [10]	ND (3.95) [1]	ND (3.78) [1]	
PCB-1221	ND (35.0) [10]	(41.9) [10]	ND (3.55) [1]	ND (3.39) [1]	
PCB-1232	ND (88.5) [10]	(106) [10]	ND (8.97) [1]	ND (8.58) [1]	
PCB-1242	ND (32.4) [10]	(38.7) [10]	ND (3.29) [1]	ND (3.14) [1]	
PCB-1248	ND (38.3) [10]	(45.9) [10]	ND (3.89) [1]	ND (3.72) [1]	
PCB-1254	ND (15.4) [10]	(18.4) [10]	ND (1.56) [1]	ND (1.49) [1]	
PCB-1260	ND (42.6) [10]	(51.0) [10]	ND (4.32) [1]	ND (4.13) [1]	
Toxaphene	ND (68.5) [10]	(81.9) [10]	ND (6.94) [1]	ND (6.64) [1]	

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A15-11

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

MB MB MB PO PO
 MB-SS-22 MB-SS-23 PO-SS-01 PO-SS-02
 G94-MB-SS-22 G94-MB-SS-23 G94-PO-SS-01 G94-PO-SS-02
 0 - 0.5 0 - 0.5 0 - 0.5 0 - 0.5

SW8080 - Organochlorine Pesticides and PCBs, cont. (ug/kg)

alpha-BHC	ND	(3.48)	[10]	ND	(4.16)	[10]	ND	(0.353)	[1]	ND	(0.337)	[1]
beta-BHC	ND	(4.92)	[10]	ND	(5.88)	[10]	ND	(0.499)	[1]	ND	(0.477)	[1]
delta-BHC	ND	(2.83)	[10]	ND	(3.39)	[10]	ND	(0.287)	[1]	ND	(0.275)	[1]
gamma-BHC	ND	(2.17)	[10]	71.4	(2.59)	[10]	ND	(0.220)	[1]	1.16	(0.210)	[1]

SW8240 - Volatile Organics (ug/kg)

1,1,1-Trichloroethane	NA			NA			ND	(1.91)	[1]	ND	(1.80)	[1]
1,1,2,2-Tetrachloroethane	NA			NA			ND	(5.19)	[1]	ND	(4.90)	[1]
1,1,2-Trichloroethane	NA			NA			ND	(1.56)	[1]	ND	(1.47)	[1]
1,1-Dichloroethane	NA			NA			ND	(1.75)	[1]	ND	(1.66)	[1]
1,1-Dichloroethene	NA			NA			ND	(2.62)	[1]	ND	(2.48)	[1]
1,2-Dichloroethane	NA			NA			ND	(1.78)	[1]	ND	(1.68)	[1]
1,2-Dichloropropane	NA			NA			ND	(2.68)	[1]	ND	(2.53)	[1]
2-Chloroethyl vinyl ether	NA			NA			ND	(2.93)	[1]	ND	(2.76)	[1]
2-Hexanone	NA			NA			ND	(0.981)	[1]	ND	(0.926)	[1]
4-Methyl-2-Pentanone(MIBK)	NA			NA			ND	(0.936)	[1]	ND	(0.884)	[1]
Acetone	NA			NA			9.28	(1.54)	[1]	8.19	(1.45)	[1]
Benzene	NA			NA			ND	(1.77)	[1]	ND	(1.67)	[1]
Bromodichloromethane	NA			NA			ND	(1.67)	[1]	ND	(1.58)	[1]
Bromomethane	NA			NA			ND	(2.06)	[1]	ND	(1.94)	[1]
Carbon disulfide	NA			NA			ND	(2.65)	[1]	ND	(2.50)	[1]
Carbon tetrachloride	NA			NA			ND	(2.04)	[1]	ND	(1.93)	[1]
Chlorobenzene	NA			NA			ND	(4.75)	[1]	ND	(4.49)	[1]
Chloroethane	NA			NA			ND	(2.09)	[1]	ND	(1.98)	[1]
Chloroform	NA			NA			ND	(2.14)	[1]	ND	(2.02)	[1]
Chloromethane	NA			NA			ND	(2.49)	[1]	ND	(2.35)	[1]
Dibromochloromethane	NA			NA			ND	(1.87)	[1]	ND	(1.77)	[1]
Ethyl benzene	NA			NA			ND	(1.69)	[1]	ND	(1.60)	[1]

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	MB	MB	PO	PO	
	MB-SS-22 G94-MB-SS-22 0 - 0.5	MB-SS-23 G94-MB-SS-23 0 - 0.5	PO-SS-01 G94-PO-SS-01 0 - 0.5	PO-SS-02 G94-PO-SS-02 0 - 0.5	
SW8240 - Volatile Organics, cont. (ug/kg)					
Methyl ethyl ketone	NA	NA	ND	ND	(1.47) [1]
Methylene Chloride	NA	NA	1.89 J (2.67)	3.89 (2.52)	[1] [1]
Styrene	NA	NA	ND (1.66)	ND (1.56)	[1] [1]
Tetrachloroethene	NA	NA	ND (4.86)	ND (4.59)	[1] [1]
Toluene	NA	NA	ND (1.74)	ND (1.64)	[1] [1]
Tribromomethane(Bromoform)	NA	NA	ND (1.55)	ND (1.46)	[1] [1]
Trichloroethene	NA	NA	ND (4.97)	ND (4.69)	[1] [1]
Vinyl Chloride	NA	NA	ND (2.12)	ND (2.00)	[1] [1]
Vinyl acetate	NA	NA	ND (11.2)	ND (10.6)	[1] [1]
Xylene (total)	NA	NA	ND (3.72)	ND (3.52)	[1] [1]
cis-1,2-Dichloroethene	NA	NA	ND (1.93)	ND (1.83)	[1] [1]
cis-1,3-Dichloropropene	NA	NA	ND (1.64)	ND (1.55)	[1] [1]
trans-1,2-Dichloroethene	NA	NA	ND (2.38)	ND (2.25)	[1] [1]
trans-1,3-Dichloropropene	NA	NA	ND (1.78)	ND (1.68)	[1] [1]
SW8270 - Semivolatile Organics (ug/g)					
1,2,4-Trichlorobenzene	NA	NA	ND (0.00775)	ND (0.00738)	[1] [1]
1,2-Dichlorobenzene	NA	NA	ND (0.0259)	ND (0.0247)	[1] [1]
1,3-Dichlorobenzene	NA	NA	ND (0.0288)	ND (0.0274)	[1] [1]
1,4-Dichlorobenzene	NA	NA	ND (0.0286)	ND (0.0272)	[1] [1]
2,4,5-Trichlorophenol	NA	NA	ND (0.0237)	ND (0.0225)	[1] [1]
2,4,6-Trichlorophenol	NA	NA	ND (0.0196)	ND (0.0187)	[1] [1]
2,4-Dichlorophenol	NA	NA	ND (0.0235)	ND (0.0223)	[1] [1]
2,4-Dimethylphenol	NA	NA	ND (0.0513)	ND (0.0488)	[1] [1]
2,4-Dinitrophenol	NA	NA	ND (0.105)	ND (0.0996)	[1] [1]
2,4-Dinitrotoluene	NA	NA	ND (0.0311)	ND (0.0296)	[1] [1]
2,6-Dinitrotoluene	NA	NA	ND (0.0424)	ND (0.0404)	[1] [1]
2-Chloronaphthalene	NA	NA	ND (0.0363)	ND (0.0346)	[1] [1]

Compiled: 15 March 1995

[] = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-13

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID			
	MB		PO	
	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	LOCATION ID SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)
SW8270 - Semivolatile Organics, cont. (ug/g)				
2-Chlorophenol	MB-SS-22 694-MB-SS-22 0 - 0.5	MB-SS-23 694-MB-SS-23 0 - 0.5	PO-SS-01 694-PO-SS-01 0 - 0.5	PO-SS-02 694-PO-SS-02 0 - 0.5
2-Methylnaphthalene	NA	NA	ND (0.0132)	ND (0.0126)
2-Methylphenol	NA	NA	ND (0.0244)	ND (0.0233)
2-Nitroaniline	NA	NA	ND (0.0319)	ND (0.0304)
2-Nitrophenol	NA	NA	ND (0.0323)	ND (0.0307)
3,3'-Dichlorobenzidine	NA	NA	ND (0.0172)	ND (0.0163)
3-Nitroaniline	NA	NA	ND (0.0440)	ND (0.0419)
4,6-Dinitro-2-methylphenol	NA	NA	ND (0.0130)	ND (0.0124)
4-Bromophenyl phenyl ether	NA	NA	ND (0.0295)	ND (0.0281)
4-Chloro-3-methylphenol	NA	NA	ND (0.0246)	ND (0.0235)
4-Chlorophenyl phenyl ether	NA	NA	ND (0.0185)	ND (0.0176)
4-Methylphenol/3-Methylphenol	NA	NA	ND (0.0296)	ND (0.0282)
4-Nitroaniline	NA	NA	ND (0.0501)	ND (0.0477)
4-Nitrophenol	NA	NA	ND (0.0242)	ND (0.0230)
Acenaphthene	NA	NA	ND (0.0255)	ND (0.0243)
Acenaphthylene	NA	NA	ND (0.0195)	ND (0.0185)
Anthracene	NA	NA	ND (0.0266)	ND (0.0253)
Benzo(a)anthracene	NA	NA	ND (0.0218)	ND (0.0207)
Benzo(a)pyrene	NA	NA	ND (0.0141)	ND (0.0134)
Benzo(b)fluoranthene	NA	NA	ND (0.0218)	ND (0.0208)
Benzo(g,h,i)perylene	NA	NA	ND (0.0387)	ND (0.0369)
Benzo(k)fluoranthene	NA	NA	ND (0.0224)	ND (0.0213)
Benzoic acid	NA	NA	ND (0.0331)	ND (0.0315)
Benzyl alcohol	NA	NA	ND (0.121)	ND (0.115)
Butylbenzylphthalate	NA	NA	ND (0.0582)	ND (0.0554)
Chrysene	NA	NA	ND (0.0303)	ND (0.0289)
Di-n-octylphthalate	NA	NA	ND (0.0236)	ND (0.0225)
Dibenz(a,h)anthracene	NA	NA	ND (0.0235)	ND (0.0224)
	NA	NA	ND (0.0276)	ND (0.0263)

Compiled: 15 March 1995

() = Detection Limit

[] = Dilution Factor

ND = Not Detected

NA = Not Applicable

* - Value considered suspect, Refer to QC Report

A15-14

TABLE A15

ALL RESULTS OF ORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID				BEG. DEPTH - END DEPTH (FT.)
	MB	MB	PO	PO	
	MB-SS-22 G94-MB-SS-22 0 - 0.5	MB-SS-23 G94-MB-SS-23 0 - 0.5	PO-SS-01 G94-PO-SS-01 0 - 0.5	PO-SS-02 G94-PO-SS-02 0 - 0.5	
SW8270 - Semivolatile Organics, cont. (ug/g)					
Dibenzofuran	NA	NA	ND (0.0158) [1]	ND (0.0150) [1]	
Dibutylphthalate	NA	NA	ND (0.0125) [1]	ND (0.0119) [1]	
Diethylphthalate	NA	NA	ND (0.0149) [1]	ND (0.0142) [1]	
Dimethylphthalate	NA	NA	ND (0.0190) [1]	ND (0.0181) [1]	
Diphenylamine	NA	NA	ND (0.0309) [1]	ND (0.0294) [1]	
Fluoranthene	NA	NA	ND (0.0172) [1]	ND (0.0163) [1]	
Fluorene	NA	NA	ND (0.0139) [1]	ND (0.0133) [1]	
Hexachlorobenzene	NA	NA	ND (0.0213) [1]	ND (0.0203) [1]	
Hexachlorobutadiene	NA	NA	ND (0.0265) [1]	ND (0.0253) [1]	
Hexachlorocyclopentadiene	NA	NA	ND (0.0662) [1]	ND (0.0631) [1]	
Hexachloroethane	NA	NA	ND (0.0404) [1]	ND (0.0385) [1]	
Indeno(1,2,3-cd)pyrene	NA	NA	ND (0.0194) [1]	ND (0.0185) [1]	
Isophorone	NA	NA	ND (0.0122) [1]	ND (0.0116) [1]	
N-Nitroso-di-n-propylamine	NA	NA	ND (0.0317) [1]	ND (0.0302) [1]	
Naphthalene	NA	NA	ND (0.0270) [1]	ND (0.0257) [1]	
Nitrobenzene	NA	NA	ND (0.0157) [1]	ND (0.0150) [1]	
Pentachloropheno1	NA	NA	ND (0.00775) [1]	ND (0.00738) [1]	
Phenanthrene	NA	NA	ND (0.0224) [1]	ND (0.0213) [1]	
Pheno1	NA	NA	ND (0.0408) [1]	ND (0.0388) [1]	
Pyrene	NA	NA	ND (0.0187) [1]	ND (0.0178) [1]	
bis(2-Chloroethoxy)methane	NA	NA	ND (0.0135) [1]	ND (0.0128) [1]	
bis(2-Chloroethyl) ether	NA	NA	ND (0.0188) [1]	ND (0.0179) [1]	
bis(2-Chloroisopropyl) ether	NA	NA	ND (0.0231) [1]	ND (0.0220) [1]	
bis(2-Ethylhexyl) phthalate	NA	NA	ND (0.0662) [1]	0.103 (0.0631) [1]	
p-Chloroaniline	NA	NA	ND (0.0396) [1]	ND (0.0377) [1]	

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report

A15-15

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	[1]	10.7	(	0.00	[1]	8.32	(	0.00	[1]	8.71	(	0.00	[1]
	LOCATION ID	DD															
	SAMPLE ID	DD-SS-01															
ASTMD2216 - Modified (percent)	1	DD															
Percent moisture	01-HA-13	DD-SS-01															
	G94-01-HA-13-01	G94-DD-SS-01															
	0 - 0.5	0 - 0															

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID						
	LOCATION ID		LOCATION ID		LOCATION ID		
	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	SAMPLE ID	
BEG. DEPTH - END DEPTH (FT.)							
ASTMD2216 - Modified (percent) Percent moisture	DD DD-SS-03 G94-DD-SS-03 0 - 0	DD DD-SS-04 G94-DD-SS-04 0 - 0	DD DD-SS-05 G94-DD-SS-05 0 - 0	DD DD-SS-05 G94-DD-SS-05 0 - 0	DD DD-SS-05 G94-DD-SS-05 0 - 0	MB MB-SS-01 G94-MB-SS-01 0 - 0.5	11.3 (0.00) [1] 5.13 (0.00) [1] 7.89 (0.00) [1] 8.95 (0.00) [1]

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	[1]	[1]	[1]	[1]	[1]
	LOCATION ID	LOCATION ID							
	SAMPLE ID	SAMPLE ID							
ASTMD2216 - Modified (percent) Percent moisture	MB	MB	9.60	(	0.00)	9.34	(	0.00)	[1]
	MB-SS-02	MB-SS-03	9.60	(	0.00)	9.34	(	0.00)	[1]
	G94-MB-SS-02	G94-MB-SS-03	9.60	(	0.00)	9.34	(	0.00)	[1]
	0 - 0.5	0 - 0.5	9.60	(	0.00)	9.34	(	0.00)	[1]

ASTMD2216 - Modified (percent) Percent moisture	MB	MB	11.6	(	0.00)	11.6	(	0.00)	[1]
	MB-SS-04	MB-SS-04	11.6	(	0.00)	11.6	(	0.00)	[1]
	G94-MB-SS-04	G94-MB-SS-04	11.6	(	0.00)	11.6	(	0.00)	[1]
	0 - 0.5	0 - 0.5	11.6	(	0.00)	11.6	(	0.00)	[1]

ASTMD2216 - Modified (percent) Percent moisture	MB	MB	3.17	(	0.00)	3.17	(	0.00)	[1]
	MB-SS-05	MB-SS-05	3.17	(	0.00)	3.17	(	0.00)	[1]
	G94-MB-SS-05	G94-MB-SS-05	3.17	(	0.00)	3.17	(	0.00)	[1]
	0 - 0.5	0 - 0.5	3.17	(	0.00)	3.17	(	0.00)	[1]

Compiled: 15 March 1995 () = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A16-4

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	20.8	(	0.00)	[1]	9.49	(	0.00)	[1]	7.06	(	0.00)	[1]	
	LOCATION ID	LOCATION ID															
	SAMPLE ID	SAMPLE ID															
ASTM D2216 - Modified (percent)																	
Percent moisture	MB MB-SS-06 G94-MB-SS-06 0 - 0.5	MB MB-SS-07 G94-MB-SS-07 0 - 0.5	MB MB-SS-08 G94-MB-SS-08 0 - 0.5														

SITE ID		LOCATION ID	SAMPLE ID	BEG. DEPTH - END DEPTH (FT.)	PARAMETER	20.0	(	0.00)	[1]	45.2	(	0.00)	[1]	3.99	(	0.00)	[1]	6.34	(	0.00)	[1]	
		MB	MB-SS-14	0 - 0.5	ASTM D2216 - Modified Percent moisture																	
		MB	MB-SS-15	0 - 0.5																		
		MB	MB-SS-16	0 - 0.5																		
			694-MB-SS-14																			
			694-MB-SS-15																			
			694-MB-SS-16																			
			694-MB-SS-17																			
			0 - 0.5																			

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

PARAMETER	SITE ID		BEG. DEPTH - END DEPTH (FT.)	[1]	[1]	[1]	5.72	14.2	[1]	[1]	[1]	14.4	(0.00)	[1]	(0.00)	[1]
	LOCATION ID	LOCATION ID														
	SAMPLE ID	SAMPLE ID														
ASTM D2216 - Modified Percent moisture	MB MB-SS-18 G94-MB-SS-18 0 - 0.5	MB MB-SS-19 G94-MB-SS-19 0 - 0.5	MB MB-SS-20 G94-MB-SS-20 0 - 0.5	MB MB-SS-21 G94-MB-SS-21 0 - 0.5												

Compiled: 15 March 1995

() = Detection Limit [] = Dilution Factor ND = Not Detected NA = Not Applicable * - Value considered suspect, Refer to QC Report A16-8

TABLE A16

ALL RESULTS OF INORGANIC ANALYSES FOR SOIL SAMPLES, Galena Airport 1994.

SITE ID
 LOCATION ID
 SAMPLE ID
 BEG. DEPTH - END DEPTH (FT.)

PARAMETER	MB		MB		PO		PO	
	MB-SS-22	MB-SS-23	MB-SS-22	MB-SS-23	PO-SS-01	PO-SS-02	PO-SS-01	PO-SS-02
	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
ASTMD2216 - Modified (percent)								
Percent moisture	16.4 (0.00) [1]	31.3 (0.00) [1]	17.8 (0.00) [1]	13.8 (0.00) [1]				
SW6010 - Metals (mg/kg)								
Aluminum	NA	NA	10200	9910				
Antimony	NA	NA	-4.40 J	1.22 J				
Arsenic	NA	NA	-1.47 J	6.00				
Barium	NA	NA	147	146				
Beryllium	NA	NA	0.310	0.322				
Cadmium	NA	NA	-0.00278 J	0.507				
Calcium	NA	NA	15200	14500				
Chromium	NA	NA	20.3	19.8				
Cobalt	NA	NA	9.04	9.17				
Copper	NA	NA	17.1	17.3				
Iron	NA	NA	18500	18900				
Lead	NA	NA	3.74	4.20				
Magnesium	NA	NA	7040	6900				
Manganese	NA	NA	317	342				
Molybdenum	NA	NA	-0.117 J	0.559				
Nickel	NA	NA	24.3	24.1				
Potassium	NA	NA	1060	1040				
Selenium	NA	NA	-8.50 J	-8.95 J				
Silver	NA	NA	-0.599 J	-0.311 J				
Sodium	NA	NA	376	366				
Thallium	NA	NA	-7.61 JB	-4.03 JB				
Vanadium	NA	NA	36.6	36.2				
Zinc	NA	NA	53.2	53.1				

Compiled: 15 March 1995
 () = Detection Limit [] = Dilution Factor NA = Not Detected ND = Not Applicable * - Value considered suspect, Refer to QC Report A16-9

END

OF DOCUMENT

AS RECEIVED

BY

DTIC