

AD-757 104

ARCTIC SITE SURVEY. PART II

T. S. Chow

Aerophysics Research Corporation

Prepared for:

Office of Naval Research
Advanced Research Projects Agency

15 March 1973

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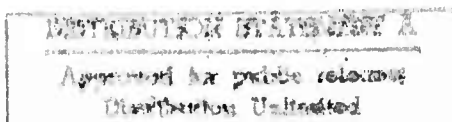
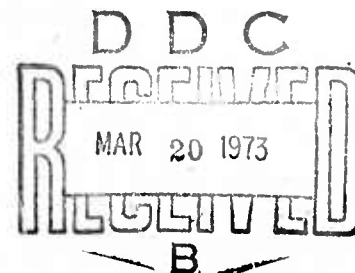
Scientific Officer
Director, Arctic Program
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Office of the Naval Research
Dept. of the Navy
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Arlington, Virginia 22217

Short Title of Work
ARCTIC SITE SURVEY
(Part II)

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SOURCE LEVEL=	20.00	SOURCE NO	1	GROUP	1	BOTTOM LEVEL
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS			
1.56152E+06	100.00	4.47035E-14	107.08			752.06
1.56152E+06	200.00	7.28303E-14	104.96			752.06
1.56152E+06	400.00	8.33746E-14	104.37			752.06
1.56152E+06	600.00	1.00934E-13	103.54			752.06
1.56152E+06	800.00	0.				752.06
1.56152E+06	1000.0	0.				752.06
1.56152E+06	1500.0	0.				752.06
1.56152E+06	2000.0	0.				752.06
1.56152E+06	3000.0	0.				752.06
1.56152E+06	4000.0	0.				752.06
3.29684E+06	100.00	1.87590E-15	119.79			430.78
3.29684E+06	200.00	2.16952E-15	119.16			430.78
3.29684E+06	400.00	2.16979E-15	119.16			430.78
3.29684E+06	600.00	0.				430.78
3.29684E+06	800.00	0.				430.78
3.29684E+06	1000.0	0.				430.78
3.29684E+06	1500.0	0.				430.78
3.29684E+06	2000.0	0.				430.78
3.29684E+06	3000.0	0.				430.78
3.29684E+06	4000.0	0.				430.78
1.95720E+06	100.00	6.98103E-15	113.91			232.74
1.95720E+06	200.00	8.82147E-15	112.90			232.74
1.95720E+06	400.00	0.				232.74
1.95720E+06	600.00	0.				232.74
1.95720E+06	800.00	0.				232.74
1.95720E+06	1000.0	0.				232.74
1.95720E+06	1500.0	0.				232.74
1.95720E+06	2000.0	0.				232.74
1.95720E+06	3000.0	0.				232.74
1.95720E+06	4000.0	0.				232.74

5.21186E+06	100.00	0.	112.25	1042.6
5.21186E+06	200.00	0.	108.85	1042.6
5.21186E+06	400.00	0.	106.69	1042.6
5.21186E+06	600.00	0.	105.86	1042.6
5.21186E+06	800.00	0.	105.37	1042.6
5.21186E+06	1000.0	0.	105.16	1042.6
5.21186E+06	1500.0	0.		1042.6
5.21186E+06	2000.0	0.		1042.6
5.21186E+06	3000.0	0.		1042.6
5.21186E+06	4000.0	0.		1042.6
2.00082E+06	100.00	1.75562E-14		
2.00082E+06	200.00	3.83546E-14		
2.00082E+06	400.00	6.31394E-14		
2.00082E+06	600.00	7.64542E-14		
2.00082E+06	800.00	8.55555E-14		
2.00082E+06	1000.0	8.98018E-14		
2.00082E+06	1500.0	0.		
2.00082E+06	2000.0	0.		
2.00082E+06	3000.0	0.		
2.00082E+06	4000.0	0.		

SOURCE LEVEL=	20.00	SOURCE NO	2	GROUP	1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
1.85891E+06	100.00	3.63741E-15	117.17	550.30		
1.85891E+06	200.00	4.81267E-15	115.96	550.30		
1.85891E+06	400.00	5.19164E-15	115.63	550.30		
1.85891E+06	600.00	0.		550.30		
1.85891E+06	800.00	0.		550.30		
1.85891E+06	1000.0	0.		550.30		
1.85891E+06	1500.0	0.		550.30		
1.85891E+06	2000.0	0.		550.30		
1.85891E+06	3000.0	0.		550.30		
1.85891E+06	4000.0	0.		550.30		
2.24385E+06	100.00	3.03400E-15	117.58	377.02		
2.24385E+06	200.00	3.22251E-15	117.32	377.02		
2.24385E+06	400.00	0.		377.02		
2.24385E+06	600.00	0.		377.02		
2.24385E+06	800.00	0.		377.02		
2.24385E+06	1000.0	0.		377.02		
2.24385E+06	1500.0	0.		377.02		
2.24385E+06	2000.0	0.		377.02		
2.24385E+06	3000.0	0.		377.02		
2.24385E+06	4000.0	0.		377.02		
4.11607E+06	100.00	1.02684E-16	132.61	532.88		
4.11607E+06	200.00	1.10913E-16	132.28	532.88		
4.11607E+06	400.00	1.11253E-16	132.26	532.88		
4.11607E+06	600.00	0.		532.88		
4.11607E+06	800.00	0.		532.88		
4.11607E+06	1000.0	0.		532.88		
4.11607E+06	1500.0	0.		532.88		
4.11607E+06	2000.0	0.		532.88		
4.11607E+06	3000.0	0.		532.88		
4.11607E+06	4000.0	0.		532.88		

4.79169E+06	100.00	4.16622E-17	136.32	408.28
4.79169E+06	200.00	4.69845E-17	135.79	408.28
4.79169E+06	400.00	4.79160E-17	135.71	408.28
4.79169E+06	600.00	0.		408.28
4.79169E+06	800.00	0.		408.28
4.79169E+06	1000.0	0.		408.28
4.79169E+06	1500.0	0.		408.28
4.79169E+06	2000.0	0.		408.28
4.79169E+06	3000.0	0.		408.28
4.79169E+06	4000.0	0.		408.28
3.12264E+06	100.00	4.56875E-16	126.13	546.88
3.12264E+06	200.00	6.03472E-16	124.92	546.88
3.12264E+06	400.00	6.03541E-16	124.92	546.88
3.12264E+06	600.00	0.		546.88
3.12264E+06	800.00	0.		546.88
3.12264E+06	1000.0	0.		546.88
3.12264E+06	1500.0	0.		546.88
3.12264E+06	2000.0	0.		546.88
3.12264E+06	3000.0	0.		546.88
3.12264E+06	4000.0	0.		546.88

SOURCE LEVEL=		20.00	SOURCE NO	3	GROUP	1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL			
2.99434E+06	100.00	1.56998E-15	120.43	328.88			
2.99434E+06	200.00	1.74555E-15	119.97	328.88			
2.99434E+06	400.00	0.		328.88			
2.99434E+06	600.00	0.		328.88			
2.99434E+06	800.00	0.		328.88			
2.99434E+06	1000.0	0.		328.88			
2.99434E+06	1500.0	0.		328.88			
2.99434E+06	2000.0	0.		328.88			
2.99434E+06	3000.0	0.		328.88			
2.99434E+06	4000.0	0.		328.88			
1.32980E+06	100.00	6.04350E-14	107.82	3746.4			
1.32980E+06	200.00	1.21705E-13	104.78	3746.4			
1.32980E+06	400.00	1.79363E-13	103.10	3746.4			
1.32980E+06	600.00	2.28387E-13	102.05	3746.4			
1.32980E+06	800.00	2.66980E-13	101.37	3746.4			
1.32980E+06	1000.0	2.95970E-13	100.92	3746.4			
1.32980E+06	1500.0	3.10121E-13	100.72	3746.4			
1.32980E+06	2000.0	3.16939E-13	100.63	3746.4			
1.32980E+06	3000.0	3.17264E-13	100.62	3746.4			
1.32980E+06	4000.0	0.		3746.4			
5.59191E+06	100.00	0.		0.			
5.59191E+06	200.00	0.		0.			
5.59191E+06	400.00	0.		0.			
5.59191E+06	600.00	0.		0.			
5.59191E+06	800.00	0.		0.			
5.59191E+06	1000.0	0.		0.			
5.59191E+06	1500.0	0.		0.			
5.59191E+06	2000.0	0.		0.			
5.59191E+06	3000.0	0.		0.			
5.59191E+06	4000.0	0.		0.			

1.60033E+06	100.00	1.37325E-13	105.94	10977
1.60033E+06	200.00	2.79A31E-13	102.85	10977
1.60033E+06	400.00	4.30581E-13	100.98	10977
1.60033E+06	600.00	5.86347E-13	99.639	10977
1.60033E+06	800.00	7.43626E-13	98.607	10977
1.60033E+06	1000.0	9.98A94E-13	97.784	10977
1.60033E+06	1500.0	1.03593E-12	97.167	10977
1.60033E+06	2000.0	1.14401E-12	96.736	10977
1.60033E+06	3000.0	1.20470E-12	96.512	10977
1.60033E+06	4000.0	1.25128E-12	96.347	10977

3.46573E+06	100.00	0.	0.
3.46573E+06	200.00	0.	0.
3.46573E+06	400.00	0.	0.
3.46573E+06	600.00	0.	0.
3.46573E+06	800.00	0.	0.
3.46573E+06	1000.0	0.	0.
3.46573E+06	1500.0	0.	0.
3.46573E+06	2000.0	0.	0.
3.46573E+06	3000.0	0.	0.
3.46573E+06	4000.0	0.	0.

SOURCE LEVEL= 20.00 SOURCE NO 4 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.45778E+06	100.00	4.48562E-15	116.08	432.18
2.45778E+06	200.00	5.09762E-15	115.53	432.18
2.45778E+06	400.00	5.27950E-15	115.37	432.18
2.45778E+06	600.00	0.		432.18
2.45778E+06	800.00	0.		432.18
2.45778E+06	1000.0	0.		432.18
2.45778E+06	1500.0	0.		432.18
2.45778E+06	2000.0	0.		432.18
2.45778E+06	3000.0	0.		432.18
2.45778E+06	4000.0	0.		432.18
1.21227E+06	100.00	7.59888E-14	103.79	465.04
1.21227E+06	200.00	9.40265E-14	102.87	465.04
1.21227E+06	400.00	9.89677E-14	102.64	465.04
1.21227E+06	600.00	0.		465.04
1.21227E+06	800.00	0.		465.04
1.21227E+06	1000.0	0.		465.04
1.21227E+06	1500.0	0.		465.04
1.21227E+06	2000.0	0.		465.04
1.21227E+06	3000.0	0.		465.04
1.21227E+06	4000.0	0.		465.04
5.25661E+06	100.00	0.		0.
5.25661E+06	200.00	0.		0.
5.25661E+06	400.00	0.		0.
5.25661E+06	600.00	0.		0.
5.25661E+06	800.00	0.		0.
5.25661E+06	1000.0	0.		0.
5.25661E+06	1500.0	0.		0.
5.25661E+06	2000.0	0.		0.
5.25661E+06	3000.0	0.		0.
5.25661E+06	4000.0	0.		0.

3.59668E+06	100.00	1.93059E-15	122.65	2929.4
3.59668E+06	200.00	3.88523E-15	119.61	2929.4
3.59668E+06	400.00	5.65433E-15	117.98	2929.4
3.59668E+06	600.00	7.14909E-15	116.96	2929.4
3.59668E+06	800.00	8.35002E-15	116.29	2929.4
3.59668E+06	1000.0	9.18179E-15	115.88	2929.4
3.59668E+06	1500.0	9.29198E-15	115.83	2929.4
3.59668E+06	2000.0	9.31958E-15	115.81	2929.4
3.59668E+06	3000.0	0.		2929.4
3.59668E+06	4000.0	0.		2929.4

3.57000E+06	100.00	3.99992E-16	126.37	284.22
3.57000E+06	200.00	4.17381E-16	126.19	284.22
3.57000E+06	400.00	0.		284.22
3.57000E+06	600.00	0.		284.22
3.57000E+06	800.00	0.		284.22
3.57000E+06	1000.0	0.		284.22
3.57000E+06	1500.0	0.		284.22
3.57000E+06	2000.0	0.		284.22
3.57000E+06	3000.0	0.		284.22
3.57000E+06	4000.0	0.		284.22

SOURCE LEVEL= 20.00 SOURCE NO 5 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.50443E+06	100.00	9.08869E-16	124.54	832.70
3.50443E+06	200.00	1.40483E-15	122.65	832.70
3.50443E+06	400.00	1.97783E-15	121.17	832.70
3.50443E+06	600.00	2.57180E-15	120.02	832.70
3.50443E+06	800.00	2.58543E-15	120.00	832.70
3.50443E+06	1000.0	0.		832.70
3.50443E+06	1500.0	0.		832.70
3.50443E+06	2000.0	0.		832.70
3.50443E+06	3000.0	0.		832.70
3.50443E+06	4000.0	0.		832.70
5.29501E+06	100.00	7.07220E-17	134.10	440.78
5.29501E+06	200.00	8.51403E-17	133.29	440.78
5.29501E+06	400.00	9.88444E-17	132.64	440.78
5.29501E+06	600.00	0.		440.78
5.29501E+06	800.00	0.		440.78
5.29501E+06	1000.0	0.		440.78
5.29501E+06	1500.0	0.		440.78
5.29501E+06	2000.0	0.		440.78
5.29501E+06	3000.0	0.		440.78
5.29501E+06	4000.0	0.		440.78
1.67444E+06	100.00	3.45939E-14	106.90	240.00
1.67444E+06	200.00	3.59599E-14	106.73	240.00
1.67444E+06	400.00	0.		240.00
1.67444E+06	600.00	0.		240.00
1.67444E+06	800.00	0.		240.00
1.67444E+06	1000.0	0.		240.00
1.67444E+06	1500.0	0.		240.00
1.67444E+06	2000.0	0.		240.00
1.67444E+06	3000.0	0.		240.00
1.67444E+06	4000.0	0.		240.00

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SOURCE LEVEL= 20.00 SOURCE NO 6 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.17732E+06	100.00	7.31916E-16	124.45	694.04
3.17732E+06	200.00	1.30549E-15	121.94	694.04
3.17732E+06	400.00	1.82558E-15	120.48	694.04
3.17732E+06	600.00	2.10158E-15	119.87	694.04
3.17732E+06	800.00	0.		694.04
3.17732E+06	1000.0	0.		694.04
3.17732E+06	1500.0	0.		694.04
3.17732E+06	2000.0	0.		694.04
3.17732E+06	3000.0	0.		694.04
3.17732E+06	4000.0	0.		694.04
4.83295E+06	100.00	0.	0.	0.
4.83295E+06	200.00	0.	0.	0.
4.83295E+06	400.00	0.	0.	0.
4.83295E+06	600.00	0.	0.	0.
4.83295E+06	800.00	0.	0.	0.
4.83295E+06	1000.0	0.	0.	0.
4.83295E+06	1500.0	0.	0.	0.
4.83295E+06	2000.0	0.	0.	0.
4.83295E+06	3000.0	0.	0.	0.
4.83295E+06	4000.0	0.	0.	0.
7.64580E+05	100.00	1.71236E-12	94.481	8400.0
7.64580E+05	200.00	3.49339E-12	91.385	8400.0
7.64580E+05	400.00	5.36806E-12	89.519	8400.0
7.64580E+05	600.00	7.27097E-12	88.202	8400.0
7.64580E+05	800.00	9.13460E-12	87.211	8400.0
7.64580E+05	1000.0	1.08968E-11	86.444	8400.0
7.64580E+05	1500.0	1.22216E-11	85.946	8400.0
7.64580E+05	2000.0	1.30575E-11	85.659	8400.0
7.64580E+05	3000.0	1.33808E-11	85.553	8400.0
7.64580E+05	4000.0	1.36667E-11	85.461	8400.0

5.62780E+06	100.00	2.34169E-16	131.89	3483.8
5.62780E+06	200.00	4.82099E-16	128.76	3483.8
5.62780E+06	400.00	7.38671E-16	126.90	3483.8
5.62780E+06	600.00	9.78638E-16	125.68	3483.8
5.62780E+06	800.00	1.18285E-15	124.86	3483.8
5.62780E+06	1000.0	1.34544E-15	124.30	3483.8
5.62780E+06	1500.0	1.49189E-15	123.85	3483.8
5.62780E+06	2000.0	1.75568E-15	123.14	3483.8
5.62780E+06	3000.0	1.81596E-15	123.00	3483.8
5.62780E+06	4000.0	0.		3483.8

2.23988E+06	100.00	3.23581E-14	112.33	11670
2.23988E+06	200.00	6.57737E-14	109.25	11670
2.23988E+06	400.00	1.00888E-13	107.39	11670
2.23988E+06	600.00	1.37092E-13	106.06	11670
2.23988E+06	800.00	1.73757E-13	105.03	11670
2.23988E+06	1000.0	2.10281E-13	104.20	11670
2.23988E+06	1500.0	2.44458E-13	103.54	11670
2.23988E+06	2000.0	2.75570E-13	103.02	11670
2.23988E+06	3000.0	3.11411E-13	102.49	11670
2.23988E+06	4000.0	3.74466E-13	101.69	11670

SOURCE LEVEL= 20.00 SOURCE NO 7 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.20422E+06	100.00	1.23040E-14	112.21	688.92
2.20422E+06	200.00	2.06017E-14	110.01	688.92
2.20422E+06	400.00	2.13187E-14	109.86	688.92
2.20422E+06	600.00	2.13260E-14	109.86	688.92
2.20422E+06	800.00	0.		688.92
2.20422E+06	1000.0	0.		688.92
2.20422E+06	1500.0	0.		688.92
2.20422E+06	2000.0	0.		688.92
2.20422E+06	3000.0	0.		688.92
2.20422E+06	4000.0	0.		688.92
3.53698E+06	100.00	0.	0.	0.
3.53698E+06	200.00	0.	0.	0.
3.53698E+06	400.00	0.	0.	0.
3.53698E+06	600.00	0.	0.	0.
3.53698E+06	800.00	0.	0.	0.
3.53698E+06	1000.0	0.	0.	0.
3.53698E+06	1500.0	0.	0.	0.
3.53698E+06	2000.0	0.	0.	0.
3.53698E+06	3000.0	0.	0.	0.
3.53698E+06	4000.0	0.	0.	0.
1.81192E+06	100.00	4.92632E-14	110.50	11884
1.81192E+06	200.00	9.92677E-14	107.46	11884
1.81192E+06	400.00	1.49972E-13	105.66	11884
1.81192E+06	600.00	2.00304E-13	104.41	11884
1.81192E+06	800.00	2.49222E-13	103.46	11884
1.81192E+06	1000.0	2.95773E-13	102.71	11884
1.81192E+06	1500.0	3.33293E-13	102.20	11884
1.81192E+06	2000.0	3.59861E-13	101.86	11884
1.81192E+06	2000.0	3.69084E-13	101.75	11884
1.81192E+06	4000.0	3.71638E-13	101.72	11884

4.06026E+06	100.00	6.34965E-16	127.28	2455.6
4.06026E+06	200.00	1.38467E-15	123.90	2455.6
4.06026E+06	400.00	2.24521E-15	121.80	2455.6
4.06026E+06	600.00	3.01885E-15	120.51	2455.6
4.06026E+06	800.00	3.59786E-15	119.75	2455.6
4.06026E+06	1000.0	4.01960E-15	119.27	2455.6
4.06026E+06	1500.0	4.27053E-15	119.00	2455.6
4.06026E+06	2000.0	4.31126E-15	118.96	2455.6
4.06026E+06	3000.0	0.		2455.6
4.06026E+06	4000.0	0.		2455.6

9.51386E+05	100.00	4.74888E-13	100.71	12000
9.51386E+05	200.00	9.56729E-13	97.668	12000
9.51386E+05	400.00	1.44535E-12	95.876	12000
9.51386E+05	600.00	1.93119E-12	94.618	12000
9.51386E+05	800.00	2.40521E-12	93.664	12000
9.51386E+05	1000.0	2.85953E-12	92.913	12000
9.51386E+05	1500.0	3.24143E-12	92.368	12000
9.51386E+05	2000.0	3.54305E-12	91.982	12000
9.51386E+05	3000.0	3.74553E-12	91.741	12000
9.51386E+05	4000.0	3.92083E-12	91.542	12000

SOURCE LEVEL= 210.00

SOURCE NO 1

GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.56152E+06	100.00	2.26312E-13	98.456	752.06
1.56152E+06	200.00	5.85088E-13	94.331	752.06
1.56152E+06	400.00	1.83361E-12	89.370	752.06
1.56152E+06	600.00	3.33567E-12	86.771	752.06
1.56152E+06	800.00	0.		752.06
1.56152E+06	1000.0	0.		752.06
1.56152E+06	1500.0	0.		752.06
1.56152E+06	2000.0	0.		752.06
1.56152E+06	3000.0	0.		752.06
1.56152E+06	4000.0	0.		752.06
3.29684E+06	100.00	2.68837E-14	103.53	430.78
3.29684E+06	200.00	4.44812E-14	101.34	430.78
3.29684E+06	400.00	4.76653E-14	101.04	430.78
3.29684E+06	600.00	0.		430.78
3.29684E+06	800.00	0.		430.78
3.29684E+06	1000.0	0.		430.78
3.29684E+06	1500.0	0.		430.78
3.29684E+06	2000.0	0.		430.78
3.29684E+06	3000.0	0.		430.78
3.29684E+06	4000.0	0.		430.78
1.95720E+06	100.00	5.57898E-14	96.676	232.74
1.95720E+06	200.00	9.81520E-14	94.223	232.74
1.95720E+06	400.00	0.		232.74
1.95720E+06	600.00	0.		232.74
1.95720E+06	800.00	0.		232.74
1.95720E+06	1000.0	0.		232.74
1.95720E+06	1500.0	0.		232.74
1.95720E+06	2000.0	0.		232.74
1.95720E+06	3000.0	0.		232.74
1.95720E+06	4000.0	0.		232.74

5.21186E+06	100.00	0.	103.12	1042.6
5.21186E+06	200.00	0.	99.810	1042.6
5.21186E+06	400.00	0.	95.870	1042.6
5.21186E+06	600.00	0.	93.277	1042.6
5.21186E+06	800.00	0.	92.350	1042.6
5.21186E+06	1000.0	0.	92.013	1042.6
5.21186E+06	1500.0	0.		1042.6
5.21186E+06	2000.0	0.		1042.6
5.21186E+06	3000.0	0.		1042.6
5.21186E+06	4000.0	0.		1042.6
2.00082E+06	100.00	1.18051E-13		
2.00082E+06	200.00	2.53021E-13		
2.00082E+06	400.00	6.26906E-13		
2.00082E+06	600.00	1.13902E-12		
2.00082E+06	800.00	1.41009E-12		
2.00082E+06	1000.0	1.52357E-12		
2.00082E+06	1500.0	0.		
2.00082E+06	2000.0	0.		
2.00082E+06	3000.0	0.		
2.00082E+06	4000.0	0.		

SOURCE LEVEL=	210.00	SOURCE NO	2	GROUP	1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
1.85891E+06	100.00	1.86513E-13	96.7.8	550.30		
1.85891E+06	200.00	3.74482E-13	93.691	550.30		
1.85891E+06	400.00	5.56092E-13	91.974	550.30		
1.85891E+06	600.00	0.		550.30		
1.85891E+06	800.00	0.		550.30		
1.85891E+06	1000.0	0.		550.30		
1.85891E+06	1500.0	0.		550.30		
1.85891E+06	2000.0	0.		550.30		
1.85891E+06	3000.0	0.		550.30		
1.85891E+06	4000.0	0.		550.30		
2.24385E+06	100.00	1.26417E-13	95.697	377.02		
2.24385E+06	200.00	2.10157E-13	93.489	377.02		
2.24385E+06	400.00	0.		377.02		
2.24385E+06	600.00	0.		377.02		
2.24385E+06	800.00	0.		377.02		
2.24385E+06	1000.0	0.		377.02		
2.24385E+06	1500.0	0.		377.02		
2.24385E+06	2000.0	0.		377.02		
2.24385E+06	3000.0	0.		377.02		
2.24385E+06	4000.0	0.		377.02		
4.11607E+06	100.00	2.23605E-14	105.77	532.88		
4.11607E+06	200.00	4.83336E-14	102.42	532.88		
4.11607E+06	400.00	6.15472E-14	101.38	532.88		
4.11607E+06	600.00	0.		532.88		
4.11607E+06	800.00	0.		532.88		
4.11607E+06	1000.0	0.		532.88		
4.11607E+06	1500.0	0.		532.88		
4.11607E+06	2000.0	0.		532.88		
4.11607E+06	3000.0	0.		532.88		
4.11607E+06	4000.0	0.		532.88		

4.79169E+06	100.00	1.93603E-14	104.72	408.28
4.79169E+06	200.00	3.54226E-14	102.09	408.28
4.79169E+06	400.00	3.62065E-14	102.00	408.28
4.79169E+06	600.00	0.		408.28
4.79169E+06	800.00	0.		408.28
4.79169E+06	1000.0	0.		408.28
4.79169E+06	1500.0	0.		408.28
4.79169E+06	2000.0	0.		408.28
4.79169E+06	3000.0	0.		408.28
4.79169E+06	4000.0	0.		408.28
3.12264E+06	100.00	3.61302E-14	103.79	546.88
3.12264E+06	200.00	8.78330E-14	99.937	546.88
3.12264E+06	400.00	1.40743E-13	97.889	546.88
3.12264E+06	600.00	0.		546.88
3.12264E+06	800.00	0.		546.88
3.12264E+06	1000.0	0.		546.88
3.12264E+06	1500.0	0.		546.88
3.12264E+06	2000.0	0.		546.88
3.12264E+06	3000.0	0.		546.88
3.12264E+06	4000.0	0.		546.88

SOURCE LEVEL= 210.00 SOURCE NO 3 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.99434E+06	100.00	1.20291E-14	104.05	328.88
2.99434E+06	200.00	2.62682E-14	100.66	328.88
2.99434E+06	400.00	0.		328.88
2.99434E+06	600.00	0.		328.88
2.99434E+06	800.00	0.		328.88
2.99434E+06	1000.0	0.		328.88
2.99434E+06	1500.0	0.		328.88
2.99434E+06	2000.0	0.		328.88
2.99434E+06	3000.0	0.		328.88
2.99434E+06	4000.0	0.		328.88
1.32980E+06	100.00	2.53561E-12	91.225	3746.4
1.32980E+06	200.00	5.37592E-12	87.962	3746.4
1.32980E+06	400.00	8.62215E-12	85.510	3746.4
1.32980E+06	600.00	1.19298E-11	84.500	3746.4
1.32980E+06	800.00	1.49977E-11	83.506	3746.4
1.32980E+06	1000.0	1.76751E-11	82.792	3746.4
1.32980E+06	1500.0	1.94636E-11	82.374	3746.4
1.32980E+06	2000.0	2.04005E-11	82.170	3746.4
1.32980E+06	3000.0	2.04253E-11	82.164	3746.4
1.32980E+06	4000.0	0.		3746.4
5.59191E+06	100.00	0.		0.
5.59191E+06	200.00	0.		0.
5.59191E+06	400.00	0.		0.
5.59191E+06	600.00	0.		0.
5.59191E+06	800.00	0.		0.
5.59191E+06	1000.0	0.		0.
5.59191E+06	1500.0	0.		0.
5.59191E+06	2000.0	0.		0.
5.59191E+06	3000.0	0.		0.
5.59191E+06	4000.0	0.		0.

1.60033E+06	100.00	1.65618E-12	94.914	10977
1.60033E+06	200.00	3.36683E-12	91.833	10977
1.60033E+06	400.00	5.16221E-12	89.977	10977
1.60033E+06	600.00	7.00678E-12	88.650	10977
1.60033E+06	800.00	8.86320E-12	87.629	10977
1.60033E+06	1000.0	1.06946E-11	86.814	10977
1.60033E+06	1500.0	1.23241E-11	86.198	10977
1.60033E+06	2000.0	1.36208E-11	85.763	10977
1.60033E+06	3000.0	1.42201E-11	85.576	10977
1.60033E+06	4000.0	1.44149E-11	85.517	10977

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SOURCE LEVEL=	210.00	SOURCE NO	4	GROUP	1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
2.45778E+06	100.00	2.60303E-13	93.486	432.18		
2.45778E+06	200.00	5.18832E-13	90.490	432.18		
2.45778E+06	400.00	5.62087E-13	90.143	432.18		
2.45778E+06	600.00	0.		432.18		
2.45778E+06	800.00	0.		432.18		
2.45778E+06	1000.0	0.		432.18		
2.45778E+06	1500.0	0.		432.18		
2.45778E+06	2000.0	0.		432.18		
2.45778E+06	3000.0	0.		432.18		
2.45778E+06	4000.0	0.		432.18		
1.21227E+06	100.00	3.90862E-12	82.342	465.04		
1.21227E+06	200.00	7.05269E-12	79.779	465.04		
1.21227E+06	400.00	7.68190E-12	79.408	465.04		
1.21227E+06	600.00	0.		465.04		
1.21227E+06	800.00	0.		465.04		
1.21227E+06	1000.0	0.		465.04		
1.21227E+06	1500.0	0.		465.04		
1.21227E+06	2000.0	0.		465.04		
1.21227E+06	3000.0	0.		465.04		
1.21227E+06	4000.0	0.		465.04		
5.25661E+06	100.00	0.		0.		
5.25661E+06	200.00	0.		0.		
5.25661E+06	400.00	0.		0.		
5.25661E+06	600.00	0.		0.		
5.25661E+06	800.00	0.		0.		
5.25661E+06	1000.0	0.		0.		
5.25661E+06	1500.0	0.		0.		
5.25661E+06	2000.0	0.		0.		
5.25661E+06	3000.0	0.		0.		
5.25661E+06	4000.0	0.		0.		

3.59668E+06	100.00	3.27101E-13	99.805	2929.4
3.59668E+06	200.00	7.08233E-13	96.451	2929.4
3.59668E+06	400.00	1.14975E-12	94.346	2929.4
3.59668E+06	600.00	1.56752E-12	93.000	2929.4
3.59668E+06	800.00	1.88832E-12	92.192	2929.4
3.59668E+06	1000.0	2.08420E-12	91.763	2929.4
3.59668E+06	1500.0	2.10808E-12	91.713	2929.4
3.59668E+06	2000.0	2.11931E-12	91.690	2929.4
3.59668E+06	3000.0	0.		2929.4
3.59668E+06	4000.0	0.		2929.4
3.57000E+06	100.00	1.32907E-14	104.81	284.22
3.57000E+06	200.00	2.0085E-14	103.01	284.22
3.57000E+06	400.00	0.		284.22
3.57000E+06	600.00	0.		284.22
3.57000E+06	800.00	0.		284.22
3.57000E+06	1000.0	0.		284.22
3.57000E+06	1500.0	0.		284.22
3.57000E+06	2000.0	0.		284.22
3.57000E+06	3000.0	0.		284.22
3.57000E+06	4000.0	0.		284.22

SOURCE LEVEL= 210.00		SOURCE NO 5		GROUP 1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL	
3.50443E+06	100.00	1.64931E-14	110.76	832.70	
3.50443E+06	200.00	4.43710E-14	106.46	832.70	
3.50443E+06	400.00	1.60751E-13	100.87	832.70	
3.50443E+06	600.00	2.11358E-13	99.678	832.70	
3.50443E+06	800.00	2.18401E-13	99.536	832.70	
3.50443E+06	1000.0	0.		832.70	
3.50443E+06	1500.0	0.		832.70	
3.50443E+06	2000.0	0.		832.70	
3.50443E+06	3000.0	0.		832.70	
3.50443E+06	4000.0	0.		832.70	
5.29501E+06	100.00	1.66836E-15	115.87	440.78	
5.29501E+06	200.00	2.68517E-15	113.81	440.78	
5.29501E+06	400.00	3.39699E-15	112.78	440.78	
5.29501E+06	600.00	0.		440.78	
5.29501E+06	800.00	0.		440.78	
5.29501E+06	1000.0	0.		440.78	
5.29501E+06	1500.0	0.		440.78	
5.29501E+06	2000.0	0.		440.78	
5.29501E+06	3000.0	0.		440.78	
5.29501E+06	4000.0	0.		440.78	
1.67444E+06	100.00	3.59036E-13	89.340	240.00	
1.67444E+06	200.00	5.46802E-13	87.513	240.00	
1.67444E+06	400.00	0.		240.00	
1.67444E+06	600.00	0.		240.00	
1.67444E+06	800.00	0.		240.00	
1.67444E+06	1000.0	0.		240.00	
1.67444E+06	1500.0	0.		240.00	
1.67444E+06	2000.0	0.		240.00	
1.67444E+06	3000.0	0.		240.00	
1.67444E+06	4000.0	0.		240.00	

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SOURCE LEVEL= 210.00 SOURCE NO 6 GROUP 1

RANGE RECEIVER DEPTH INTENSITY TR LOSS BOTTOM LEVEL

3.17732E+06	100.00	6.33001E-14	103.05	694.04
3.17732E+06	200.00	1.29877E-13	99.931	694.04
3.17732E+06	400.00	1.71671E-13	98.719	694.04
3.17732E+06	600.00	1.98301E-13	98.093	694.04
3.17732E+06	800.00	0.		694.04
3.17732E+06	1000.0	0.		694.04
3.17732E+06	1500.0	0.		694.04
3.17732E+06	2000.0	0.		694.04
3.17732E+06	3000.0	0.		694.04
3.17732E+06	4000.0	0.		694.04

4.83295E+06	100.00	0.		0.
4.83295E+06	200.00	0.		0.
4.83295E+06	400.00	0.		0.
4.83295E+06	600.00	0.		0.
4.83295E+06	800.00	0.		0.
4.83295E+06	1000.0	0.		0.
4.83295E+06	1500.0	0.		0.
4.83295E+06	2000.0	0.		0.
4.83295E+06	3000.0	0.		0.
4.83295E+06	4000.0	0.		0.

7.64580E+05	100.00	1.15390E-11	85.993	8400.0
7.64580E+05	200.00	2.33689E-11	82.928	8400.0
7.64580E+05	400.00	3.55291E-11	81.109	8400.0
7.64580E+05	600.00	4.76703E-11	79.832	8400.0
7.64580E+05	800.00	5.94555E-11	78.873	8400.0
7.64580E+05	1000.0	7.05892E-11	78.127	8400.0
7.64580E+05	1500.0	7.92623E-11	77.624	8400.0
7.64580E+05	2000.0	8.52678E-11	77.307	8400.0
7.64580E+05	3000.0	8.83179E-11	77.154	8400.0
7.64580E+05	4000.0	9.13312E-11	77.009	8400.0

5.62780E+06	100.00	4.84674E-14	108.24	3483.8
5.62780E+06	200.00	1.00224E-13	105.09	3483.8
5.62780E+06	400.00	1.53541E-13	103.23	3483.8
5.62780E+06	600.00	2.01649E-13	102.05	3483.8
5.62780E+06	800.00	2.39892E-13	101.30	3483.8
5.62780E+06	1000.0	2.66944E-13	100.83	3483.8
5.62780E+06	1500.0	2.74641E-13	100.71	3483.8
5.62780E+06	2000.0	2.76251E-13	100.68	3483.8
5.62780E+06	3000.0	2.76269E-13	100.68	3483.8
5.62780E+06	4000.0	0.		3483.8
2.23988E+06	100.00	3.84358E-12	91.365	11670
2.23988E+06	200.00	7.80428E-12	88.289	11670
2.23988E+06	400.00	1.19504E-11	86.439	11670
2.23988E+06	600.00	1.62088E-11	85.115	11670
2.23988E+06	800.00	2.05004E-11	84.095	11670
2.23988E+06	1000.0	2.47446E-11	83.278	11670
2.23988E+06	1500.0	2.85484E-11	82.657	11670
2.23988E+06	2000.0	3.15932E-11	82.217	11670
2.23988E+06	3000.0	3.31063E-11	82.013	11670
2.23988E+06	4000.0	3.41441E-11	81.879	11670

SOURCE LEVEL= 210.00			SOURCE NO	7	GROUP	1		
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS				BOTTOM LEVEL	
2.20422E+06	100.00	1.48573E-12	88.857				688.92	
2.20422E+06	200.00	3.92681E-12	84.636				688.92	
2.20422E+06	400.00	6.74773E-12	82.285				688.92	
2.20422E+06	600.00	7.79801E-12	81.656				688.92	
2.20422E+06	800.00	0.					688.92	
2.20422E+06	1000.0	0.					688.92	
2.20422E+06	1500.0	0.					688.92	
2.20422E+06	2000.0	0.					688.92	
2.20422E+06	3000.0	0.					688.92	
2.20422E+06	4000.0	0.					688.92	
3.53698E+06	100.00	0.					0.	
3.53698E+06	200.00	0.					0.	
3.53698E+06	400.00	0.					0.	
3.53698E+06	600.00	0.					0.	
3.53698E+06	800.00	0.					0.	
3.53698E+06	1000.0	0.					0.	
3.53698E+06	1500.0	0.					0.	
3.53698E+06	2000.0	0.					0.	
3.53698E+06	3000.0	0.					0.	
3.53698E+06	4000.0	0.					0.	
1.81192E+06	100.00	2.25714E-12	93.668				11884	
1.81192E+06	200.00	4.57402E-12	90.601				11884	
1.81192E+06	400.00	6.98503E-12	88.762				11884	
1.81192E+06	600.00	9.45347E-12	87.448				11884	
1.81192E+06	800.00	1.19408E-11	86.433				11884	
1.81192E+06	1000.0	1.44088E-11	85.617				11884	
1.81192E+06	1500.0	1.66778E-11	84.982				11884	
1.81192E+06	2000.0	1.85924E-11	84.510				11884	
1.81192E+06	3000.0	1.96795E-11	84.264				11884	
1.81192E+06	4000.0	2.01480E-11	84.161				11884	

4.06026E+06	100.00	8.49600E-12	85.434	2455.6
4.06026E+06	200.00	1.75156E-11	82.292	2455.6
4.06026E+06	400.00	2.59098E-11	80.591	2455.6
4.06026E+06	600.00	3.19822E-11	79.677	2455.6
4.06026E+06	800.00	3.54265E-11	79.233	2455.6
4.06026E+06	1000.0	3.69881E-11	79.045	2455.6
4.06026E+06	1500.0	3.70976E-11	79.032	2455.6
4.06026E+06	2000.0	3.71020E-11	79.032	2455.6
4.06026E+06	3000.0	0.		2455.6
4.06026E+06	4000.0	0.		2455.6

9.51386E+05	100.00	1.98307E-11	84.293	12000
9.51386E+05	200.00	3.99303E-11	81.253	12000
9.51386E+05	400.00	6.03014E-11	79.463	12000
9.51386E+05	600.00	8.05846E-11	78.204	12000
9.51386E+05	800.00	1.00434E-10	77.247	12000
9.51386E+05	1000.0	1.19535E-10	76.491	12000
9.51386E+05	1500.0	1.35752E-10	75.939	12000
9.51386E+05	2000.0	1.48466E-10	75.550	12000
9.51386E+05	3000.0	1.55613E-10	75.346	12000
9.51386E+05	4000.0	1.60134E-10	75.221	12000

SOURCE LEVEL= 410.00		SOURCE NO	GROUP	1	BOTTOM LEVEL	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS			
1.56152E+06	100.00	9.33331E-15	112.00			752.06
1.56152E+06	200.00	4.84399E-14	104.85			752.06
1.56152E+06	400.00	4.79785E-13	94.893			752.06
1.56152E+06	600.00	8.87222E-13	92.223			752.06
1.56152E+06	800.00	0.				752.06
1.56152E+06	1000.0	0.				752.06
1.56152E+06	1500.0	0.				752.06
1.56152E+06	2000.0	0.				752.06
1.56152E+06	3000.0	0.				752.06
1.56152E+06	4000.0	0.				752.06
3.29684E+06	100.00	5.67097E-16	115.37			430.78
3.29684E+06	200.00	1.54633E-15	111.02			430.78
3.29684E+06	400.00	2.63727E-15	108.70			430.78
3.29684E+06	600.00	0.				430.78
3.29684E+06	800.00	0.				430.78
3.29684E+06	1000.0	0.				430.78
3.29684E+06	1500.0	0.				430.78
3.29684E+06	2000.0	0.				430.78
3.29684E+06	3000.0	0.				430.78
3.29684E+06	4000.0	0.				430.78
1.95720E+06	100.00	0.				232.74
1.95720E+06	200.00	0.				232.74
1.95720E+06	400.00	0.				232.74
1.95720E+06	600.00	0.				232.74
1.95720E+06	800.00	0.				232.74
1.95720E+06	1000.0	0.				232.74
1.95720E+06	1500.0	0.				232.74
1.95720E+06	2000.0	0.				232.74
1.95720E+06	3000.0	0.				232.74
1.95720E+06	4000.0	0.				232.74

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1.54332E-14
7.46588E-14
7.59762E-13
1.76595E-12
2.04544E-12
2.07666E-12
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SOURCE LEVEL= 410.00 SOURCE NO 2 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.85891E+06	100.00	4.05545E-15	111.94	550.30
1.85891E+06	200.00	1.64079E-14	105.87	550.30
1.85891E+06	400.00	6.53690E-14	99.868	550.30
1.85891E+06	600.00	0.		550.30
1.85891E+06	800.00	0.		550.30
1.85891E+06	1000.0	0.		550.30
1.85891E+06	1500.0	0.		550.30
1.85891E+06	2000.0	0.		550.30
1.85891E+06	3000.0	0.		550.30
1.85891E+06	4000.0	0.		550.30
2.24385E+06	100.00	0.		377.02
2.24385E+06	200.00	0.		377.02
2.24385E+06	400.00	0.		377.02
2.24385E+06	600.00	0.		377.02
2.24385E+06	800.00	0.		377.02
2.24385E+06	1000.0	0.		377.02
2.24385E+06	1500.0	0.		377.02
2.24385E+06	2000.0	0.		377.02
2.24385E+06	3000.0	0.		377.02
2.24385E+06	4000.0	0.		377.02
4.11607E+06	100.00	4.36273E-16	121.36	532.88
4.11607E+06	200.00	1.48098E-15	116.05	532.88
4.11607E+06	400.00	6.83768E-15	109.41	532.88
4.11607E+06	600.00	0.		532.88
4.11607E+06	800.00	0.		532.88
4.11607E+06	1000.0	0.		532.88
4.11607E+06	1500.0	0.		532.88
4.11607E+06	2000.0	0.		532.88
4.11607E+06	3000.0	0.		532.88
4.11607E+06	4000.0	0.		532.88

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9.01236E-16
2.32812E-15
3.25434E-14
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SOURCE LEVEL= 410.00 SOURCE NO 3 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.99434E+06	100.00	0.		328.88
2.99434E+06	200.00	0.		328.88
2.99434E+06	400.00	0.		328.88
2.99434E+06	600.00	0.		328.88
2.99434E+06	800.00	0.		328.88
2.99434E+06	1000.0	0.		328.88
2.99434E+06	1500.0	0.		328.88
2.99434E+06	2000.0	0.		328.88
2.99434E+06	3000.0	0.		328.88
2.99434E+06	4000.0	0.		328.88
1.32980E+06	100.00	4.77294E-13	98.288	3746.4
1.32980E+06	200.00	1.03445E-12	94.929	3746.4
1.32980E+06	400.00	1.73114E-12	92.692	3746.4
1.32980E+06	600.00	2.51049E-12	91.078	3746.4
1.32980E+06	800.00	3.29355E-12	89.899	3746.4
1.32980E+06	1000.0	4.00302E-12	89.052	3746.4
1.32980E+06	1500.0	4.36753E-12	88.673	3746.4
1.32980E+06	2000.0	4.49352E-12	88.550	3746.4
1.32980E+06	3000.0	4.50895E-12	88.535	3746.4
1.32980E+06	4000.0	0.		3746.4
5.59191E+06	100.00	0.		0.
5.59191E+06	200.00	0.		0.
5.59191E+06	400.00	0.		0.
5.59191E+06	600.00	0.		0.
5.59191E+06	800.00	0.		0.
5.59191E+06	1000.0	0.		0.
5.59191E+06	1500.0	0.		0.
5.59191E+06	2000.0	0.		0.
5.59191E+06	3000.0	0.		0.
5.59191E+06	4000.0	0.		0.

1.60033F+06	100.00	1.59335E-12	95.053	10977
1.60033E+06	200.00	3.24392E-12	91.965	10977
1.60033E+06	400.00	4.98145E-12	90.102	10977
1.60033E+06	600.00	6.76457E-12	88.773	10977
1.60033E+06	800.00	8.54897E-12	87.757	10977
1.60033E+06	1000.0	1.02907E-11	86.951	10977
1.60033E+06	1500.0	1.17639E-11	86.370	10977
1.60033E+06	2000.0	1.28380E-11	85.991	10977
1.60033E+06	3000.0	1.32137E-11	85.866	10977
1.60033E+06	4000.0	1.33005E-11	85.837	10977

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SOURCE LEVEL=	410.00	SOURCE NO	4	GROUP	1
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL	
2.45778E+06	100.00	1.07080E-14	102.33	432.18	
2.45778E+06	200.00	3.09122E-14	97.727	432.18	
2.45778E+06	400.00	6.49105E-14	94.505	432.18	
2.45778E+06	600.00	0.		432.18	
2.45778E+06	800.00	0.		432.18	
2.45778E+06	1000.0	0.		432.18	
2.45778E+06	1500.0	0.		432.18	
2.45778E+06	2000.0	0.		432.18	
2.45778E+06	3000.0	0.		432.18	
2.45778E+06	4000.0	0.		432.18	
1.21227E+06	100.00	6.00318E-14	97.397	465.04	
1.21227E+06	200.00	2.33021E-13	91.507	465.04	
1.21227E+06	400.00	7.51127E-13	86.424	465.04	
1.21227E+06	600.00	0.		465.04	
1.21227E+06	800.00	0.		465.04	
1.21227E+06	1000.0	0.		465.04	
1.21227E+06	1500.0	0.		465.04	
1.21227E+06	2000.0	0.		465.04	
1.21227E+06	3000.0	0.		465.04	
1.21227E+06	4000.0	0.		465.04	
5.25661E+06	100.00	0.		0.	
5.25661E+06	200.00	0.		0.	
5.25661E+06	400.00	0.		0.	
5.25661E+06	600.00	0.		0.	
5.25661E+06	800.00	0.		0.	
5.25661E+06	1000.0	0.		0.	
5.25661E+06	1500.0	0.		0.	
5.25661E+06	2000.0	0.		0.	
5.25661E+06	3000.0	0.		0.	
5.25661E+06	4000.0	0.		0.	

3.59668E+06	100.00	3.21236E-14	109.81	2929.4
3.59668E+06	200.00	7.51191E-14	106.12	2929.4
3.59668E+06	400.00	1.36176E-13	103.54	2929.4
3.59668E+06	600.00	1.99209E-13	101.89	2929.4
3.59668E+06	800.00	2.46455E-13	100.96	2929.4
3.59668E+06	1000.0	2.72286E-13	100.53	2929.4
3.59668E+06	1500.0	2.74350E-13	100.50	2929.4
3.59668E+06	2000.0	2.76953E-13	100.46	2929.4
3.59668E+06	3000.0	0.		2929.4
3.59668E+06	4000.0	0.		2929.4
3.57000E+06	100.00	0.		284.22
3.57000E+06	200.00	0.		284.22
3.57000E+06	400.00	0.		284.22
3.57000E+06	600.00	0.		284.22
3.57000E+06	800.00	0.		284.22
3.57000E+06	1000.0	0.		284.22
3.57000E+06	1500.0	0.		284.22
3.57000E+06	2000.0	0.		284.22
3.57000E+06	3000.0	0.		284.22
3.57000E+06	4000.0	0.		284.22

SOURCE LEVEL= 410.00

SOURCE NO

6

GROUP

1

RANGE

RECEIVER DEPTH

INTENSITY

TR LOSS

BOTTOM LEVEL

3.17732E+06
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6.60070E-15
2.32255E-14
6.91158E-14
1.10425E-13
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5.06443E-12
1.03438E-11
1.59098E-11
2.15463E-11
2.70301E-11
3.21569E-11
3.58136E-11
3.79207E-11
3.87374E-11
3.97086E-11

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5.62780E+06	100.00	2.06115E-15	121.89	3483.8
5.62780E+06	200.00	4.49308E-15	118.50	3483.8
5.62780E+06	400.00	7.51536E-15	116.27	3483.8
5.62780E+06	600.00	1.07475E-14	114.71	3483.8
5.62780E+06	800.00	1.37292E-14	113.65	3483.8
5.62780E+06	1000.0	1.61120E-14	112.96	3483.8
5.62780E+06	1500.0	1.68861E-14	112.75	3483.8
5.62780E+06	2000.0	1.70412E-14	112.71	3483.8
5.62780E+06	3000.0	1.70448E-14	112.71	3483.8
5.62780E+06	4000.0	0.		3483.8
2.23988E+06	100.00	2.63927E-13	102.98	11670
2.23988E+06	200.00	5.34859E-13	99.913	11670
2.23988E+06	400.00	8.15625E-13	98.080	11670
2.23988E+06	600.00	1.10030E-12	96.780	11670
2.23988E+06	800.00	1.38293E-12	95.787	11670
2.23988E+06	1000.0	1.65792E-12	94.999	11670
2.23988E+06	1500.0	1.89494E-12	94.419	11670
2.23988E+06	2000.0	2.08096E-12	94.012	11670
2.23988E+06	3000.0	2.17859E-12	93.513	11670
2.23988E+06	4000.0	2.22383E-12	93.724	11670

SOURCE LEVEL= 410.00

SOURCE NO 7

GROUP

1

RANGE

RECEIVER DEPTH

INTENSITY

TR LOSS

BOTTOM LEVEL

2.20422E+06
2.21422E+06
2.20422E+06
2.20422E+06
2.20422E+06
2.20422E+06
2.20422E+06
2.20422E+06
2.20422E+06
2.20422E+06

100.00
200.00
400.00
600.00
800.00
1000.0
1500.0
2000.0
3000.0
4000.0

1.29719E-14
5.30783E-14
2.13469E-13
3.90727E-13
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109.18
103.06
97.018
94.392

688.92
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688.92

3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06
3.53698E+06

100.00
200.00
400.00
600.00
800.00
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1500.0
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3000.0
4000.0

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1.81192E+06
1.81192E+06
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1.81192E+06
1.81192E+06
1.81192E+06
1.81192E+06
1.81192E+06
1.81192E+06
1.81192E+06

100.00
200.00
400.00
600.00
800.00
1000.0
1500.0
2000.0
3000.0
4000.0

3.32729E-13
6.74793E-13
1.03022E-12
1.39126E-12
1.74986E-12
2.09817E-12
2.39256E-12
2.61180E-12
2.71142E-12
2.78617E-12

101.98
98.906
97.068
95.763
94.767
93.979
93.409
93.028
92.865
92.747

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4.06026E+06	100.00	1.55401E-14	112.81	2455.6
4.06026E+06	200.00	3.67525E-14	109.07	2455.6
4.06026E+06	400.00	6.94845E-14	106.31	2455.6
4.06026E+06	600.00	1.08774E-13	104.36	2455.6
4.06026E+06	800.00	1.45690E-13	103.09	2455.6
4.06026E+06	1000.0	1.73053E-13	102.35	2455.6
4.06026E+06	1500.0	1.77654E-13	102.23	2455.6
4.06026E+06	2000.0	1.77811E-13	102.23	2455.6
4.06026E+06	3000.0	0.	.	2455.6
4.06026E+06	4000.0	0.	.	2455.6

9.51386E+05	100.00	2.53528E-12	93.209	12000
9.51386E+05	200.00	5.16364E-12	90.120	12000
9.51386E+05	400.00	7.94073E-12	88.246	12000
9.51386E+05	600.00	1.08517E-11	86.894	12000
9.51386E+05	800.00	1.38260E-11	85.842	12000
9.51386E+05	1000.0	1.68304E-11	84.988	12000
9.51386E+05	1500.0	1.97579E-11	84.292	12000
9.51386E+05	2000.0	2.24816E-11	83.731	12000
9.51386E+05	3000.0	2.47387E-11	83.316	12000
9.51386E+05	4000.0	2.64689E-11	83.022	12000

SOURCE LEVEL=	610.00	SOURCE NO	1	GROUP	1	RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.56152E+06	100.00	9.57741E-15				111.09	752.06			
1.56152E+06	200.00	3.62084E-14				105.32	752.06			
1.56152E+06	400.00	4.63492E-13				94.245	752.06			
1.56152E+06	600.00	1.64847E-12				88.734	752.06			
1.56152E+06	800.00	0.					752.06			
1.56152E+06	1000.0	0.					752.06			
1.56152E+06	1500.0	0.					752.06			
1.56152E+06	2000.0	0.					752.06			
1.56152E+06	3000.0	0.					752.06			
1.56152E+06	4000.0	0.					752.06			
3.29684E+06	100.00	0.					430.78			
3.29684E+06	200.00	0.					430.78			
3.29684E+06	400.00	0.					430.78			
3.29684E+06	600.00	0.					430.78			
3.29684E+06	800.00	0.					430.78			
3.29684E+06	1000.0	0.					430.78			
3.29684E+06	1500.0	0.					430.78			
3.29684E+06	2000.0	0.					430.78			
3.29684E+06	3000.0	0.					430.78			
3.29684E+06	4000.0	0.					430.78			
1.95720E+06	100.00	0.					232.74			
1.95720E+06	200.00	0.					232.74			
1.95720E+06	400.00	0.					232.74			
1.95720E+06	600.00	0.					232.74			
1.95720E+06	800.00	0.					232.74			
1.95720E+06	1000.0	0.					232.74			
1.95720E+06	1500.0	0.					232.74			
1.95720E+06	2000.0	0.					232.74			
1.95720E+06	3000.0	0.					232.74			
1.95720E+06	4000.0	0.					232.74			

5.21186E+06	100.00	0.	0.	0.	1042.6
5.21186E+06	200.00	0.	0.	0.	1042.6
5.21186E+06	400.00	0.	0.	0.	1042.6
5.21186E+06	600.00	0.	0.	0.	1042.6
5.21186E+06	800.00	0.	0.	0.	1042.6
5.21186E+06	1000.0	0.	0.	0.	1042.6
5.21186E+06	1500.0	0.	0.	0.	1042.6
5.21186E+06	2000.0	0.	0.	0.	1042.6
5.21186E+06	3000.0	0.	0.	0.	1042.6
5.21186E+06	4000.0	0.	0.	0.	1042.6
2.00082E+06	100.00	1.00002E-14	113.39	1042.6	
2.00082E+06	200.00	2.59247E-14	109.29	1042.6	
2.00082E+06	400.00	1.52443E-13	101.60	1042.6	
2.00082E+06	600.00	3.57276E-13	97.897	1042.6	
2.00082E+06	800.00	4.35022E-13	97.033	1042.6	
2.00082E+06	1000.0	4.63441E-13	96.767	1042.6	
2.00082E+06	1500.0	0.	0.	1042.6	
2.00082E+06	2000.0	0.	0.	1042.6	
2.00082E+06	3000.0	0.	0.	1042.6	
2.00082E+06	4000.0	0.	0.	1042.6	

4.79169E+06	100.00	0.	408.28
4.79169E+06	200.00	0.	408.28
4.79169E+06	400.00	0.	408.28
4.79169E+06	600.00	0.	408.28
4.79169E+06	800.00	0.	408.28
4.79169E+06	1000.0	0.	408.28
4.79169E+06	1500.0	0.	408.28
4.79169E+06	2000.0	0.	408.28
4.79169E+06	3000.0	0.	408.28
4.79169E+06	4000.0	0.	408.28
3.12264E+06	100.00	2.91482E-15	546.88
3.12264E+06	200.00	4.14052E-15	546.88
3.12264E+06	400.00	1.92341E-14	546.88
3.12264E+06	600.00	0.	546.88
3.12264E+06	800.00	0.	546.88
3.12264E+06	1000.0	0.	546.88
3.12264E+06	1500.0	0.	546.88
3.12264E+06	2000.0	0.	546.88
3.12264E+06	3000.0	0.	546.88
3.12264E+06	4000.0	0.	546.88

118.78
117.26
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SOURCE LEVEL= 610.00 SOURCE NO 3 GROUP 1

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.99434E+06	100.00	0.		328.88
2.99434F+06	200.00	0.		328.88
2.99434E+06	400.00	0.		328.88
2.99434E+06	600.00	0.		328.88
2.99434E+06	800.00	0.		328.88
2.99434E+06	1000.0	0.		328.88
2.99434E+06	1500.0	0.		328.88
2.99434E+06	2000.0	0.		328.88
2.99434E+06	3000.0	0.		328.88
2.99434F+06	4000.0	0.		328.88
1.32980F+06	100.00	7.37402E-13	96.344	3746.4
1.32980E+06	200.00	1.63685E-12	92.881	3746.4
1.32980E+06	400.00	2.84314E-12	90.483	3746.4
1.32980E+06	600.00	4.25113E-12	88.736	3746.4
1.32980F+06	800.00	5.68075E-12	87.477	3746.4
1.32980E+06	1000.0	6.94321E-12	86.606	3746.4
1.32980E+06	1500.0	7.44724E-12	86.301	3746.4
1.32980E+06	2000.0	7.54035E-12	86.247	3746.4
1.32980E+06	3000.0	7.65925E-12	86.180	3746.4
1.32980E+06	4000.0	0.		3746.4
5.59191E+06	100.00	0.		0.
5.59191F+06	200.00	0.		0.
5.59191E+06	400.00	0.		0.
5.59191F+06	600.00	0.		0.
5.59191F+06	800.00	0.		0.
5.59191E+06	1000.0	0.		0.
5.59191E+06	1500.0	0.		0.
5.59191E+06	2000.0	0.		0.
5.59191F+06	3000.0	0.		0.
5.59191E+06	4000.0	0.		0.

1.60033E+06	100.00	7.11103E-13	98.502	10977
1.60033E+06	200.00	1.44938E-12	95.410	10977
1.60033E+06	400.00	2.23005E-12	93.538	10977
1.60033E+06	600.00	3.03492E-12	92.200	10977
1.60033E+06	800.00	3.84433E-12	91.173	10977
1.60033E+06	1000.0	4.63869E-12	90.357	10977
1.60033E+06	1500.0	5.32331E-12	89.760	10977
1.60033E+06	2000.0	5.84173E-12	89.356	10977
1.60033E+06	3000.0	6.08582E-12	89.178	10977
1.60033E+06	4000.0	6.23808E-12	89.071	10977

3.46573E+06	100.00	0.	0.
3.46573E+06	200.00	0.	0.
3.46573E+06	400.00	0.	0.
3.46573E+06	600.00	0.	0.
3.46573E+06	800.00	0.	0.
3.46573E+06	1000.0	0.	0.
3.46573E+06	1500.0	0.	0.
3.46573E+06	2000.0	0.	0.
3.46573E+06	3000.0	0.	0.
3.46573E+06	4000.0	0.	0.

SOURCE LEVEL= 610.00 GROUP 1 4

BOTTOM LEVEL

TR LOSS

INTENSITY

RECEIVER DEPTH

RANGE

2.45778E+06	100.00	0.	0.	432.18
2.45778E+06	200.00	0.	0.	432.18
2.45778E+06	400.00	0.	0.	432.18
2.45778E+06	600.00	0.	0.	432.18
2.45778E+06	800.00	0.	0.	432.18
2.45778E+06	1000.0	0.	0.	432.18
2.45778E+06	1500.0	0.	0.	432.18
2.45778E+06	2000.0	0.	0.	432.18
2.45778E+06	3000.0	0.	0.	432.18
2.45778E+06	4000.0	0.	0.	432.18

1.21227E+06	100.00	0.	0.	465.04
1.21227E+06	200.00	0.	0.	465.04
1.21227E+06	400.00	0.	0.	465.04
1.21227E+06	600.00	0.	0.	465.04
1.21227E+06	800.00	0.	0.	465.04
1.21227E+06	1000.0	0.	0.	465.04
1.21227E+06	1500.0	0.	0.	465.04
1.21227E+06	2000.0	0.	0.	465.04
1.21227E+06	3000.0	0.	0.	465.04
1.21227E+06	4000.0	0.	0.	465.04

5.25661E+06	100.00	0.	0.	0.
5.25661E+06	200.00	0.	0.	0.
5.25661E+06	400.00	0.	0.	0.
5.25661E+06	600.00	0.	0.	0.
5.25661E+06	800.00	0.	0.	0.
5.25661E+06	1000.0	0.	0.	0.
5.25661E+06	1500.0	0.	0.	0.
5.25661E+06	2000.0	0.	0.	0.
5.25661E+06	3000.0	0.	0.	0.
5.25661E+06	4000.0	0.	0.	0.

3.59668E+06	100.00	2.08976E-14	111.52	2929.4
3.59668E+06	200.00	5.24874E-14	107.52	2929.4
3.59668E+06	400.00	1.08717E-13	104.36	2929.4
3.59668E+06	600.00	1.81778E-13	102.13	2929.4
3.59668E+06	800.00	2.54417E-13	100.67	2929.4
3.59668E+06	1000.0	3.14268E-13	99.752	2929.4
3.59668E+06	1500.0	3.36617E-13	99.454	2929.4
3.59668E+06	2000.0	3.44334E-13	99.356	2929.4
3.59668E+06	3000.0	0.		2929.4
3.59668E+06	4000.0	0.		2929.4
3.57000E+06	100.00	0.		284.22
3.57000E+06	200.00	0.		284.22
3.57000E+06	400.00	0.		284.22
3.57000E+06	600.00	0.		284.22
3.57000E+06	800.00	0.		284.22
3.57000E+06	1000.0	0.		284.22
3.57000E+06	1500.0	0.		284.22
3.57000E+06	2000.0	0.		284.22
3.57000E+06	3000.0	0.		284.22
3.57000E+06	4000.0	0.		284.22

SOURCE LEVEL=	610.00	SOURCE NO	6	GROUP	1	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS			BOTTOM LEV
3.17732E+06	100.00	6.62674E-15	110.83			694.04
3.17732E+06	200.00	2.34212E-14	105.34			694.04
3.17732E+06	400.00	7.65852E-14	100.20			694.04
3.17732E+06	600.00	1.40954E-13	97.549			694.04
3.17732E+06	800.00	0.				694.04
3.17732E+06	1000.0	0.				694.04
3.17732E+06	1500.0	0.				694.04
3.17732E+06	2000.0	0.				694.04
3.17732E+06	3000.0	0.				694.04
3.17732E+06	4000.0	0.				694.04
4.83295E+06	100.00	0.				0.
4.83295E+06	200.00	0.				0.
4.83295E+06	400.00	0.				0.
4.83295E+06	600.00	0.				0.
4.83295E+06	800.00	0.				0.
4.83295E+06	1000.0	0.				0.
4.83295E+06	1500.0	0.				0.
4.83295E+06	2000.0	0.				0.
4.83295E+06	3000.0	0.				0.
4.83295E+06	4000.0	0.				0.
7.66580E+05	100.00	4.17403E-12	90.329			8400.0
7.66580E+05	200.00	8.63841E-12	87.170			8400.0
7.66580E+05	400.00	1.36126E-11	85.195			8400.0
7.66580E+05	600.00	1.89668E-11	83.754			8400.0
7.66580E+05	800.00	2.45396E-11	82.635			8400.0
7.66580E+05	1000.0	3.01542E-11	81.741			8400.0
7.66580E+05	1500.0	3.51600E-11	81.074			8400.0
7.66580E+05	2000.0	3.89484E-11	80.629			8400.0
7.66580E+05	3000.0	4.07813E-11	80.429			8400.0
7.66580E+05	4000.0	4.22325E-11	80.278			8400.0

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6.62674E-15
2.34212E-14
7.65852E-14
1.40954E-13
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SOURCE LEVEL= 610.00		SOURCE NO 7	GROUP 1		
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL	
2.20422E+06	100.00	9.29237E-15	108.69	688.92	
2.20422E+06	200.00	2.56174E-14	104.29	688.92	
2.20422E+06	400.00	5.62174E-14	100.87	688.92	
2.20422E+06	600.00	8.22840E-14	99.217	688.92	
2.20422E+06	800.00	0.		688.92	
2.20422E+06	1000.0	0.		688.92	
2.20422E+06	1500.0	0.		688.92	
2.20422E+06	2000.0	0.		688.92	
2.20422E+06	3000.0	0.		688.92	
2.20422E+06	4000.0	0.		688.92	
3.53698E+06	100.00	0.		0.	
3.53698E+06	200.00	0.		0.	
3.53698E+06	400.00	0.		0.	
3.53698E+06	600.00	0.		0.	
3.53698E+06	800.00	0.		0.	
3.53698E+06	1000.0	0.		0.	
3.53698E+06	1500.0	0.		0.	
3.53698E+06	2000.0	0.		0.	
3.53698E+06	3000.0	0.		0.	
3.53698E+06	4000.0	0.		0.	
1.81192E+06	100.00	7.12577E-13	98.619	11884	
1.81192E+06	200.00	1.45797E-12	95.510	11884	
1.81192E+06	400.00	2.26161E-12	93.603	11884	
1.81192E+06	600.00	3.11141E-12	92.218	11884	
1.81192E+06	800.00	3.99324E-12	91.134	11884	
1.81192E+06	1000.0	4.89168E-12	90.253	11884	
1.81192E+06	1500.0	5.76458E-12	89.540	11884	
1.81192E+06	2000.0	6.53429E-12	88.995	11884	
1.81192E+06	3000.0	7.01242E-12	88.689	11884	
1.81192E+06	4000.0	7.25274E-12	88.542	11884	

4.06026E+06	100.00	3.94238E-15	118.53	2455.6
4.06026E+06	200.00	9.02853E-15	114.93	2455.6
4.06026E+06	400.00	1.61770E-14	112.40	2455.6
4.06026E+06	600.00	2.45171E-14	110.59	2455.6
4.06026E+06	800.00	3.31680E-14	109.28	2455.6
4.06026E+06	1000.0	4.15659E-14	108.30	2455.6
4.06026E+06	1500.0	4.61257E-14	107.85	2455.6
4.06026E+06	2000.0	4.67185E-14	107.79	2455.6
4.06026E+06	3000.0	0.		2455.6
4.06026E+06	4000.0	0.		2455.6

9.51386E+05	100.00	4.09305E-12	91.079	12000
9.51386E+05	200.00	9.36042E-12	87.977	12000
9.51386E+05	400.00	1.29251E-11	86.085	12000
9.51386E+05	600.00	1.77043E-11	84.719	12000
9.51386E+05	800.00	2.26024E-11	83.658	12000
9.51386E+05	1000.0	2.75163E-11	82.803	12000
9.51386E+05	1500.0	3.20294E-11	82.144	12000
9.51386E+05	2000.0	3.56593E-11	81.678	12000
9.51386E+05	3000.0	3.72536E-11	81.488	12000
9.51386E+05	4000.0	3.77791E-11	81.427	12000

SOURCE LEVEL= 20.00 SOURCE NO 1 GROUP 2

BOTTOM LEVEL

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.49717E+06	100.00	3.44P11E-13	102.13	12579
1.49717E+06	200.00	7.00747E-13	99.051	12579
1.49717E+06	400.00	1.07489E-12	97.193	12579
1.49717E+06	600.00	1.46121E-12	95.860	12579
1.49717E+06	800.00	1.85324E-12	94.827	12579
1.49717E+06	1000.0	2.24444E-12	93.996	12579
1.49717E+06	1500.0	2.60760E-12	93.344	12579
1.49717E+06	2000.0	2.91629E-12	92.858	12579
1.49717E+06	3000.0	3.09812E-12	92.596	12579
1.49717E+06	4000.0	3.18508E-12	92.476	12579
2.37579E+06	100.00	1.47886E-14	115.81	12342
2.37579E+06	200.00	2.99670E-14	112.74	12342
2.37579E+06	400.00	4.57414E-14	110.90	12342
2.37579E+06	600.00	6.18492E-14	109.59	12342
2.37579E+06	800.00	7.80196E-14	108.58	12342
2.37579E+06	1000.0	9.39895E-14	107.78	12342
2.37579E+06	1500.0	1.08472E-13	107.15	12342
2.37579E+06	2000.0	1.20551E-13	106.70	12342
2.37579E+06	3000.0	1.27547E-13	106.45	12342
2.37579E+06	4000.0	1.31216E-13	106.33	12342
3.29198E+06	100.00	2.67868E-15	122.17	6627.2
3.29198E+06	200.00	5.46232E-15	119.07	6627.2
3.29198E+06	400.00	9.35485E-15	117.23	6627.2
3.29198E+06	600.00	1.12123E-14	115.95	6627.2
3.29198E+06	800.00	1.39022E-14	115.01	6627.2
3.29198E+06	1000.0	1.63137E-14	114.32	6627.2
3.29198E+06	1500.0	1.74709E-14	113.92	6627.2
3.29198E+06	2000.0	1.87766E-14	113.71	6627.2
3.29198E+06	3000.0	1.93024E-14	113.59	6627.2
3.29198E+06	4000.0	1.96385E-14	113.51	6627.2

2.6A715E+06	100.00	1.20A92E-14	115.88	7496.7
2.6A715E+06	200.00	2.48310E-14	112.75	7496.7
2.6A715E+06	400.00	3.85646E-14	110.84	7496.7
2.6A715E+06	600.00	5.28269E-14	109.48	7496.7
2.6A715E+06	800.00	6.71776E-14	108.43	7496.7
2.6A715E+06	1000.0	8.12A77E-14	107.60	7496.7
2.6A715E+06	1500.0	9.45A74E-14	106.95	7496.7
2.6A715E+06	2000.0	1.08A52E-13	106.34	7496.7
2.6A715E+06	3000.0	1.27999E-13	105.63	7496.7
2.6A715E+06	4000.0	1.41A56E-13	105.19	7496.7
2.955A8E+06	100.00	4.29167E-15	120.97	10993
2.955A8E+06	200.00	8.69A76E-15	117.90	10993
2.955A8E+06	400.00	1.32531E-14	116.07	10993
2.955A8E+06	600.00	1.78518E-14	114.78	10993
2.955A8E+06	800.00	2.23A08E-14	113.79	10993
2.955A8E+06	1000.0	2.67335E-14	113.02	10993
2.955A8E+06	1500.0	3.02766E-14	112.48	10993
2.955A8E+06	2000.0	3.27575E-14	112.14	10993
2.955A8E+06	3000.0	3.35487E-14	112.04	10993
2.955A8E+06	4000.0	3.37118E-14	112.01	10993
4.5A8A49E+06	100.00	1.58A18E-15	125.52	12062
4.5A8A49E+06	200.00	3.22A39E-15	122.42	12062
4.5A8A49E+06	400.00	4.99917E-15	120.52	12062
4.5A8A49E+06	600.00	6.87A41E-15	119.14	12062
4.5A8A49E+06	800.00	8.81597E-15	118.05	12062
4.5A8A49E+06	1000.0	1.08068E-14	117.17	12062
4.5A8A49E+06	1500.0	1.27784E-14	116.44	12062
4.5A8A49E+06	2000.0	1.45A23E-14	115.87	12062
4.5A8A49E+06	3000.0	1.57258E-14	115.54	12062
4.5A8A49E+06	4000.0	1.64048E-14	115.36	12062

SOURCE LEVEL= 20.00 SOURCE NO 2 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.06528E+06	100.00	9.29473E-15	117.90	12444
3.06528E+06	200.00	1.88621E-14	114.82	12444
3.06528E+06	400.00	2.88549E-14	112.98	12444
3.06528E+06	600.00	3.90954E-14	111.66	12444
3.06528E+06	800.00	4.93938E-14	110.64	12444
3.06528E+06	1000.0	5.95592E-14	109.83	12444
3.06528E+06	1500.0	6.86507E-14	109.21	12444
3.06528E+06	2000.0	7.59807E-14	108.77	12444
3.06528E+06	3000.0	8.00295E-14	108.55	12444
3.06528E+06	4000.0	8.34959E-14	108.36	12444
3.48955E+06	100.00	1.76447E-15	124.54	8939.6
3.48955E+06	200.00	3.59488E-15	121.45	8939.6
3.48955E+06	400.00	5.52946E-15	119.58	8939.6
3.48955E+06	600.00	7.52823E-15	118.24	8939.6
3.48955E+06	800.00	9.55080E-15	117.21	8939.6
3.48955E+06	1000.0	1.15599E-14	116.38	8939.6
3.48955E+06	1500.0	1.34175E-14	115.73	8939.6
3.48955E+06	2000.0	1.50476E-14	115.23	8939.6
3.48955E+06	3000.0	1.64463E-14	114.84	8939.6
3.48955E+06	4000.0	1.75847E-14	114.56	8939.6
2.44635E+06	100.00	7.59576E-15	118.77	12767
2.44635E+06	200.00	1.53180E-14	115.73	12767
2.44635E+06	400.00	2.31912E-14	113.93	12767
2.44635E+06	600.00	3.10740E-14	112.66	12767
2.44635E+06	800.00	3.88258E-14	111.69	12767
2.44635E+06	1000.0	4.63138E-14	110.92	12767
2.44635E+06	1500.0	5.26741E-14	110.36	12767
2.44635E+06	2000.0	5.75342E-14	109.98	12767
2.44635E+06	3000.0	5.96911E-14	109.82	12767
2.44635E+06	4000.0	6.05391E-14	109.76	12767

2.14987E+06	100.00	2.01374E-14	114.70	13901
2.14987E+06	200.00	4.12778E-14	111.58	13901
2.14987E+06	400.00	6.44334E-14	109.65	13901
2.14987E+06	600.00	8.95887E-14	108.21	13901
2.14987E+06	800.00	1.16691E-13	107.07	13901
2.14987E+06	1000.0	1.45643E-13	106.10	13901
2.14987E+06	1500.0	1.78476E-13	105.22	13901
2.14987E+06	2000.0	2.13506E-13	104.44	13901
2.14987E+06	3000.0	2.46030E-13	103.83	13901
2.14987E+06	4000.0	2.69051E-13	103.44	13901

4.04348E+06	100.00	3.12389E-15	122.06	9132.9
4.04348E+06	200.00	6.42617E-15	118.93	9132.9
4.04348E+06	400.00	1.00472E-14	116.99	9132.9
4.04348E+06	600.00	1.39221E-14	115.57	9132.9
4.04348E+06	800.00	1.79729E-14	114.46	9132.9
4.04348E+06	1000.0	2.21143E-14	113.56	9132.9
4.04348E+06	1500.0	2.61073E-14	112.84	9132.9
4.04348E+06	2000.0	2.95092E-14	112.31	9132.9
4.04348E+06	3000.0	3.12276E-14	112.06	9132.9
4.04348E+06	4000.0	3.18976E-14	111.97	9132.9

3.07938E+06	100.00	8.11514E-15	118.27	11018
3.07938E+06	200.00	1.63166E-14	115.23	11018
3.07938E+06	400.00	2.45548E-14	113.46	11018
3.07938E+06	600.00	3.26523E-14	112.22	11018
3.07938E+06	800.00	4.04467E-14	111.29	11018
3.07938E+06	1000.0	4.78015E-14	110.56	11018
3.07938E+06	1500.0	5.36910E-14	110.06	11018
3.07938E+06	2000.0	5.80505E-14	109.72	11018
3.07938E+06	3000.0	6.05286E-14	109.54	11018
3.07938E+06	4000.0	6.25389E-14	109.40	11018

SOURCE LEVEL= 20.00 SOURCE NO 3 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.57649E+06	100.00	2.18184E-15	123.95	11099
4.57649E+06	200.00	4.46435E-15	120.84	11099
4.57649E+06	400.00	6.92023E-15	118.94	11099
4.57649E+06	600.00	9.50338E-15	117.56	11099
4.57649E+06	800.00	1.21596E-14	116.49	11099
4.57649E+06	1000.0	1.48299E-14	115.63	11099
4.57649E+06	1500.0	1.72860E-14	114.96	11099
4.57649E+06	2000.0	1.92682E-14	114.49	11099
4.57649E+06	3000.0	2.02531E-14	114.28	11099
4.57649E+06	4000.0	2.08400E-14	114.15	11099
4.77927E+06	100.00	4.08744E-16	131.49	12922
4.77927E+06	200.00	8.26262E-16	128.44	12922
4.77927E+06	400.00	1.25677E-15	126.61	12922
4.77927E+06	600.00	1.69401E-15	125.32	12922
4.77927E+06	800.00	2.13178E-15	124.32	12922
4.77927E+06	1000.0	2.56438E-15	123.52	12922
4.77927E+06	1500.0	2.96471E-15	122.89	12922
4.77927E+06	2000.0	3.31948E-15	122.40	12922
4.77927E+06	3000.0	3.60298E-15	122.04	12922
4.77927E+06	4000.0	3.85989E-15	121.74	12922
2.37303E+06	100.00	4.12685E-14	111.18	11416
2.37303E+06	200.00	8.39028E-14	108.10	11416
2.37303E+06	400.00	1.28875E-13	106.24	11416
2.37303E+06	600.00	1.75418E-13	104.89	11416
2.37303E+06	800.00	2.23548E-13	103.85	11416
2.37303E+06	1000.0	2.72088E-13	102.99	11416
2.37303E+06	1500.0	3.19007E-13	102.29	11416
2.37303E+06	2000.0	3.64469E-13	101.72	11416
2.37303E+06	3000.0	3.97565E-13	101.35	11416
2.37303E+06	4000.0	4.16598E-13	101.14	11416

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2.54267E+06	100.00	3.46R90E-14	112.05	11758
2.54267E+06	200.00	7.03178E-14	108.98	11758
2.54267E+06	400.00	1.07369E-13	107.14	11758
2.54267E+06	600.00	1.45179E-13	105.83	11758
2.54267E+06	800.00	1.83053E-13	104.82	11758
2.54267E+06	1000.0	2.20302E-13	104.02	11758
2.54267E+06	1500.0	2.53348E-13	103.41	11758
2.54267E+06	2000.0	2.79690E-13	102.98	11758
2.54267E+06	3000.0	2.92195E-13	102.79	11758
2.54267E+06	4000.0	2.96841E-13	102.72	11758
5.29030E+06	100.00	1.19917E-15	126.77	12508
5.29030E+06	200.00	2.45242E-15	123.66	12508
5.29030E+06	400.00	3.80171E-15	121.75	12508
5.29030E+06	600.00	5.22701E-15	120.37	12508
5.29030E+06	800.00	6.70458E-15	119.29	12508
5.29030E+06	1000.0	8.20836E-15	118.41	12508
5.29030E+06	1500.0	9.66288E-15	117.70	12508
5.29030E+06	2000.0	1.09364E-14	117.17	12508
5.29030E+06	3000.0	1.17422E-14	116.86	12508
5.29030E+06	4000.0	1.22635E-14	116.67	12508
1.73143E+06	100.00	6.26547E-14	109.26	10370
1.73143E+06	200.00	1.27703E-13	106.17	10370
1.73143E+06	400.00	1.96636E-13	104.29	10370
1.73143E+06	600.00	2.68689E-13	102.95	10370
1.73143E+06	800.00	3.40595E-13	101.91	10370
1.73143E+06	1000.0	4.12697E-13	101.07	10370
1.73143E+06	1500.0	4.78336E-13	100.43	10370
1.73143E+06	2000.0	5.32782E-13	99.963	10370
1.73143E+06	3000.0	5.64323E-13	99.713	10370
1.73143E+06	4000.0	5.79794E-13	99.596	10370

SOURCE LEVEL= 20.00 SOURCE NO 4 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.41018E+06	100.00	8.95318E-15	117.90	11936
2.41018E+06	200.00	1.83417E-14	114.78	11936
2.41018E+06	400.00	2.85393E-14	112.86	11936
2.41018E+06	600.00	3.94363E-14	111.46	11936
2.41018E+06	800.00	5.08929E-14	110.35	11936
2.41018E+06	1000.0	6.27439E-14	109.44	11936
2.41018E+06	1500.0	7.47541E-14	108.68	11936
2.41018E+06	2000.0	8.57337E-14	108.08	11936
2.41018E+06	3000.0	9.24048E-14	107.76	11936
2.41018E+06	4000.0	9.50601E-14	107.64	11936
1.63902E+06	100.00	1.42950E-13	106.13	13486
1.63902E+06	200.00	2.90720E-13	103.05	13486
1.63902E+06	400.00	4.47008E-13	101.18	13486
1.63902E+06	600.00	6.10093E-13	99.829	13486
1.63902E+06	800.00	7.78041E-13	98.773	13486
1.63902E+06	1000.0	9.48779E-13	97.911	13486
1.63902E+06	1500.0	1.11720E-12	97.201	13486
1.63902E+06	2000.0	1.27119E-12	96.641	13486
1.63902E+06	3000.0	1.37464E-12	96.301	13486
1.63902E+06	4000.0	1.42903E-12	96.132	13486
2.14931E+06	100.00	3.54401E-14	110.65	5208.4
2.14931E+06	200.00	7.59137E-14	107.35	5208.4
2.14931E+06	400.00	1.26843E-13	105.12	5208.4
2.14931E+06	600.00	1.88030E-13	103.41	5208.4
2.14931E+06	800.00	2.58214E-13	102.03	5208.4
2.14931E+06	1000.0	3.34922E-13	100.90	5208.4
2.14931E+06	1500.0	4.10483E-13	100.02	5208.4
2.14931E+06	2000.0	4.61137E-13	99.510	5208.4
2.14931E+06	3000.0	4.73793E-13	99.393	5208.4
2.14931E+06	4000.0	4.94600E-13	99.206	5208.4

1.41463E+06	100.00	2.17585E-13	103.81	10354
1.41463E+06	200.00	4.44552E-13	100.71	10354
1.41463E+06	400.00	6.87268E-13	98.819	10354
1.41463E+06	600.00	9.40947E-13	97.455	10354
1.41463E+06	800.00	1.20015E-12	96.398	10354
1.41463E+06	1000.0	1.45918E-12	95.549	10354
1.41463E+06	1500.0	1.69513E-12	94.899	10354
1.41463E+06	2000.0	1.88895E-12	94.428	10354
1.41463E+06	3000.0	2.04633E-12	94.081	10354
1.41463E+06	4000.0	2.36429E-12	93.454	10354

2.11318E+06	100.00	3.88814E-14	111.41	11201
2.11318E+06	200.00	7.86164E-14	108.35	11201
2.11318E+06	400.00	1.19430E-13	106.53	11201
2.11318E+06	600.00	1.60437E-13	105.25	11201
2.11318E+06	800.00	2.00743E-13	104.28	11201
2.11318E+06	1000.0	2.39506E-13	103.51	11201
2.11318E+06	1500.0	2.71524E-13	102.97	11201
2.11318E+06	2000.0	2.94796E-13	102.61	11201
2.11318E+06	3000.0	3.03898E-13	102.48	11201
2.11318E+06	4000.0	3.07631E-13	102.42	11201

4.14080E+06	100.00	2.99018E-15	122.87	13083
4.14080E+06	200.00	6.04255E-15	119.82	13083
4.14080E+06	400.00	9.18132E-15	118.00	13083
4.14080E+06	600.00	1.23529E-14	116.71	13083
4.14080E+06	800.00	1.55029E-14	115.73	13083
4.14080E+06	1000.0	1.85789E-14	114.94	13083
4.14080E+06	1500.0	2.12808E-14	114.35	13083
4.14080E+06	2000.0	2.34547E-14	113.93	13083
4.14080E+06	3000.0	2.47252E-14	113.70	13083
4.14080E+06	4000.0	2.57875E-14	113.52	13083

SOURCE LEVEL= 20.00		SOURCE NO 5		GROUP 2	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL	
3.69827E+06	100.00	1.01902E-14	117.26	10842	
3.69827E+06	200.00	2.08012E-14	114.16	10842	
3.69827E+06	400.00	3.21116E-14	112.27	10842	
3.69827E+06	600.00	4.38968E-14	110.91	10842	
3.69827E+06	800.00	5.59018E-14	109.86	10842	
3.69827E+06	1000.0	6.78579E-14	109.02	10842	
3.69827E+06	1500.0	7.85846E-14	108.38	10842	
3.69827E+06	2000.0	8.69580E-14	107.94	10842	
3.69827E+06	3000.0	9.03783E-14	107.78	10842	
3.69827E+06	4000.0	9.13283E-14	107.73	10842	
3.32151E+06	100.00	2.21981E-15	124.25	13731	
3.32151E+06	200.00	4.47019E-15	121.21	13731	
3.32151E+06	400.00	6.75543E-15	119.42	13731	
3.32151E+06	600.00	9.04032E-15	118.15	13731	
3.32151E+06	800.00	1.12912E-14	117.19	13731	
3.32151E+06	1000.0	1.34782E-14	116.42	13731	
3.32151E+06	1500.0	1.54120E-14	115.84	13731	
3.32151E+06	2000.0	1.70500E-14	115.40	13731	
3.32151E+06	3000.0	1.83436E-14	115.08	13731	
3.32151E+06	4000.0	1.97189E-14	114.77	13731	
1.05598E+06	100.00	3.58125E-13	101.91	12000	
1.05598E+06	200.00	7.25554E-13	98.842	12000	
1.05598E+06	400.00	1.10670E-12	97.008	12000	
1.05598E+06	600.00	1.49445E-12	95.704	12000	
1.05598E+06	800.00	1.88131E-12	94.704	12000	
1.05598E+06	1000.0	2.25987E-12	93.908	12000	
1.05598E+06	1500.0	2.58944E-12	93.317	12000	
1.05598E+06	2000.0	2.84441E-12	92.909	12000	
1.05598E+06	3000.0	2.95536E-12	92.743	12000	
1.05598E+06	4000.0	2.99386E-12	92.686	12000	

8.83166E+05	100.00	3.04487E-13	102.50	11400
8.83166E+05	200.00	6.13613E-13	99.458	11400
8.83166E+05	400.00	9.26958E-13	97.667	11400
8.83166E+05	600.00	1.23761E-12	96.411	11400
8.83166E+05	800.00	1.53885E-12	95.465	11400
8.83166E+05	1000.0	1.82460E-12	94.726	11400
8.83166E+05	1500.0	2.05232E-12	94.215	11400
8.83166E+05	2000.0	2.21144E-12	93.891	11400
8.83166E+05	3000.0	2.26814E-12	93.781	11400
8.83166E+05	4000.0	2.28939E-12	93.740	11400

3.77139E+06	100.00	2.21450E-15	123.53	9102.5
3.77139E+06	200.00	4.49115E-15	120.46	9102.5
3.77139E+06	400.00	6.84142E-15	118.63	9102.5
3.77139E+06	600.00	9.19387E-15	117.35	9102.5
3.77139E+06	800.00	1.14787E-14	116.39	9102.5
3.77139E+06	1000.0	1.36344E-14	115.64	9102.5
3.77139E+06	1500.0	1.52958E-14	115.14	9102.5
3.77139E+06	2000.0	1.64261E-14	114.83	9102.5
3.77139E+06	3000.0	1.69734E-14	114.69	9102.5
3.77139E+06	4000.0	1.76888E-14	114.51	9102.5

2.46273E+06	100.00	4.71599E-14	110.82	12588
2.46273E+06	200.00	9.51834E-14	107.77	12588
2.46273E+06	400.00	1.44267E-13	105.97	12588
2.46273E+06	600.00	1.93482E-13	104.69	12588
2.46273E+06	800.00	2.41900E-13	103.72	12588
2.46273E+06	1000.0	2.88654E-13	102.95	12588
2.46273E+06	1500.0	3.28292E-13	102.39	12588
2.46273E+06	2000.0	3.58901E-13	102.01	12588
2.46273E+06	3000.0	3.77317E-13	101.79	12588
2.46273E+06	4000.0	3.99393E-13	101.54	12588

SOURCE LEVEL=	20.00	SOURCE NO	6	GROUP	2	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTOM LEVEL		
5.04640E+06	100.00	1.97152E-16	134.59	12376		
5.04640E+06	200.00	4.00256E-16	131.51	12376		
5.04640E+06	400.00	6.13602E-16	129.65	12376		
5.04640E+06	600.00	8.34936E-16	128.32	12376		
5.04640E+06	800.00	1.06213E-15	127.27	12376		
5.04640E+06	1000.0	1.29334E-15	126.42	12376		
5.04640E+06	1500.0	1.52965E-15	125.69	12376		
5.04640E+06	2000.0	1.77639E-15	125.05	12376		
5.04640E+06	3000.0	2.03548E-15	124.45	12376		
5.04640E+06	4000.0	2.32932E-15	123.86	12376		
4.82191E+06	100.00	9.61141E-16	127.86	13550		
4.82191E+06	200.00	1.95006E-15	124.77	13550		
4.82191E+06	400.00	3.02495E-15	122.88	13550		
4.82191E+06	600.00	4.15033E-15	121.51	13550		
4.82191E+06	800.00	5.32588E-15	120.43	13550		
4.82191E+06	1000.0	6.54199E-15	119.53	13550		
4.82191E+06	1500.0	7.81937E-15	118.76	13550		
4.82191E+06	2000.0	9.11085E-15	118.10	13550		
4.82191E+06	3000.0	1.03358E-14	117.55	13550		
4.82191E+06	4000.0	1.13678E-14	117.13	13550		
1.66495E+06	100.00	1.27088E-13	106.27	10890		
1.66495E+06	200.00	2.58059E-13	103.20	10890		
1.66495E+06	400.00	3.94786E-13	101.35	10890		
1.66495E+06	600.00	5.34331E-13	100.04	10890		
1.66495E+06	800.00	6.73620E-13	99.029	10890		
1.66495E+06	1000.0	8.09670E-13	98.230	10890		
1.66495E+06	1500.0	9.26019E-13	97.643	10890		
1.66495E+06	2000.0	1.01722E-12	97.239	10890		
1.66495E+06	3000.0	1.06172E-12	97.053	10890		
1.66495E+06	4000.0	1.08467E-12	96.960	10890		

2.11463E+06	100.00	2.91318E-14	112.44	9254.5
2.11463E+06	200.00	5.89590E-14	109.38	9254.5
2.11463E+06	400.00	8.95144E-14	107.56	9254.5
2.11463E+06	600.00	1.19870E-13	106.29	9254.5
2.11463E+06	800.00	1.49120E-13	105.35	9254.5
2.11463E+06	1000.0	1.76460E-13	104.62	9254.5
2.11463E+06	1500.0	1.96712E-13	104.14	9254.5
2.11463E+06	2000.0	2.09271E-13	103.87	9254.5
2.11463E+06	3000.0	2.13258E-13	103.79	9254.5
2.11463E+06	4000.0	2.17771E-13	103.70	9254.5
5.26316E+06	100.00	9.64126E-16	127.24	9717.2
5.26316E+06	200.00	1.96855E-15	124.14	9717.2
5.26316E+06	400.00	3.03590E-15	122.26	9717.2
5.26316E+06	600.00	4.13874E-15	120.91	9717.2
5.26316E+06	800.00	5.24691E-15	119.88	9717.2
5.26316E+06	1000.0	6.33009E-15	119.07	9717.2
5.26316E+06	1500.0	7.23884E-15	118.48	9717.2
5.26316E+06	2000.0	7.88729E-15	118.11	9717.2
5.26316E+06	3000.0	8.10673E-15	117.99	9717.2
5.26316E+06	4000.0	8.16606E-15	117.96	9717.2
9.83380E+05	100.00	1.40305E-13	106.06	12147
9.83380E+05	200.00	2.83303E-13	103.01	12147
9.83380E+05	400.00	4.29698E-13	101.20	12147
9.83380E+05	600.00	5.76702E-13	99.924	12147
9.83380E+05	800.00	7.21503E-13	98.951	12147
9.83380E+05	1000.0	8.61424E-13	98.181	12147
9.83380E+05	1500.0	9.79593E-13	97.623	12147
9.83380E+05	2000.0	1.06834E-12	97.246	12147
9.83380E+05	3000.0	1.10438E-12	97.102	12147
9.83380E+05	4000.0	1.11583E-12	97.057	12147

SOURCE LEVEL= 20.00 SOURCE NO 7 GROUP 2

RANGE RECEIVER DEPTH INTENSITY TR LOSS BOTTOM LEVEL

6.50754E+06	100.00	2.79483E-16	132.94	11372
6.50754E+06	200.00	5.71156E-16	129.83	11372
6.50754E+06	400.00	8.84278E-16	127.93	11372
6.50754E+06	600.00	1.21541E-15	126.55	11372
6.50754E+06	800.00	1.56057E-15	125.47	11372
6.50754E+06	1000.0	1.91607E-15	124.58	11372
6.50754E+06	1500.0	2.28430E-15	123.81	11372
6.50754E+06	2000.0	2.65287E-15	123.16	11372
6.50754E+06	3000.0	2.99073E-15	122.64	11372
6.50754E+06	4000.0	3.24043E-15	122.28	11372

6.47485E+06	100.00	5.85472E-17	139.88	12575
6.47485E+06	200.00	1.22258E-16	136.68	12575
6.47485E+06	400.00	1.98237E-16	134.59	12575
6.47485E+06	600.00	2.88579E-16	132.96	12575
6.47485E+06	800.00	3.96198E-16	131.58	12575
6.47485E+06	1000.0	5.24287E-16	130.36	12575
6.47485E+06	1500.0	7.19033E-16	128.99	12575
6.47485E+06	2000.0	1.00093E-15	127.55	12575
6.47485E+06	3000.0	1.46245E-15	125.91	12575
6.47485E+06	4000.0	1.96651E-15	124.62	12575

3.14353E+06	100.00	3.98377E-15	120.44	6643.9
3.14353E+06	200.00	8.00664E-15	117.41	6643.9
3.14353E+06	400.00	1.19648E-14	115.67	6643.9
3.14353E+06	600.00	1.56019E-14	114.49	6643.9
3.14353E+06	800.00	1.90736E-14	113.64	6643.9
3.14353E+06	1000.0	2.20625E-14	113.01	6643.9
3.14353E+06	1500.0	2.42671E-14	112.59	6643.9
3.14353E+06	2000.0	2.63064E-14	112.24	6643.9
3.14353E+06	3000.0	2.83545E-14	111.92	6643.9
3.14353E+06	4000.0	2.92682E-14	111.78	6643.9

3.71499E+06	100.00	1.30670E-15	125.67	8449.3
3.71499E+06	200.00	2.67672E-15	122.55	8449.3
3.71499E+06	400.00	4.14451E-15	120.65	8449.3
3.71499E+06	600.00	5.66402E-15	119.30	8449.3
3.71499E+06	800.00	7.18403E-15	118.26	8449.3
3.71499E+06	1000.0	8.65332E-15	117.46	8449.3
3.71499E+06	1500.0	9.81675E-15	116.91	8449.3
3.71499E+06	2000.0	1.05685E-14	116.59	8449.3
3.71499E+06	3000.0	1.07959E-14	116.50	8449.3
3.71499E+06	4000.0	1.10088E-14	116.41	8449.3

6.91291E+06	100.00	2.64150E-17	142.73	8942.2
6.91291E+06	200.00	5.39188E-17	139.63	8942.2
6.91291E+06	400.00	8.31352E-17	137.75	8942.2
6.91291E+06	600.00	1.13363E-16	136.40	8942.2
6.91291E+06	800.00	1.43960E-16	135.37	8942.2
6.91291E+06	1000.0	1.73911E-16	134.55	8942.2
6.91291E+06	1500.0	2.00543E-16	133.93	8942.2
6.91291E+06	2000.0	2.23125E-16	133.46	8942.2
6.91291E+06	3000.0	2.48699E-16	132.99	8942.2
6.91291E+06	4000.0	2.88654E-16	132.34	8942.2

7.64102E+05	100.00	5.03778E-13	99.682	7560.0
7.64102E+05	200.00	1.01712E-12	96.630	7560.0
7.64102E+05	400.00	1.53404E-12	94.846	7560.0
7.64102E+05	600.00	2.03415E-12	93.620	7560.0
7.64102E+05	800.00	2.49959E-12	92.725	7560.0
7.64102E+05	1000.0	2.91685E-12	92.055	7560.0
7.64102E+05	1500.0	3.18969E-12	91.666	7560.0
7.64102E+05	2000.0	3.33799E-12	91.469	7560.0
7.64102E+05	3000.0	3.37067E-12	91.427	7560.0
7.64102E+05	4000.0	3.38883E-12	91.403	7560.0

SOURCE LEVEL=	20.00	SOURCE NO	8	GROUP	2	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS			BOTTOM LEVEL
5.93999E+06	100.00	3.39240E-16	131.76			9720.0
5.93999E+06	200.00	6.87992E-16	128.69			9720.0
5.93999E+06	400.00	1.04777E-15	126.86			9720.0
5.93999E+06	600.00	1.40725E-15	125.58			9720.0
5.93999E+06	800.00	1.75526E-15	124.62			9720.0
5.93999E+06	1000.0	2.08188E-15	123.88			9720.0
5.93999E+06	1500.0	2.32688E-15	123.39			9720.0
5.93999E+06	2000.0	2.48242E-15	123.11			9720.0
5.93999E+06	3000.0	2.53268E-15	123.03			9720.0
5.93999E+06	4000.0	2.55682E-15	122.98			9720.0
5.28659E+06	100.00	1.45181E-15	124.64			5695.3
5.28659E+06	200.00	2.98367E-15	121.52			5695.3
5.28659E+06	400.00	4.58954E-15	119.64			5695.3
5.28659E+06	600.00	6.16920E-15	118.36			5695.3
5.28659E+06	800.00	7.61737E-15	117.44			5695.3
5.28659E+06	1000.0	8.85840E-15	116.79			5695.3
5.28659E+06	1500.0	9.49694E-15	116.48			5695.3
5.28659E+06	2000.0	9.73801E-15	116.37			5695.3
5.28659E+06	3000.0	9.77111E-15	116.36			5695.3
5.28659E+06	4000.0	9.79386E-15	116.35			5695.3
1.64599E+06	100.00	4.02514E-14	110.34			6236.5
1.64599E+06	200.00	8.13184E-14	107.28			6236.5
1.64599E+06	400.00	1.22060E-13	105.52			6236.5
1.64599E+06	600.00	1.60007E-13	104.34			6236.5
1.64599E+06	800.00	1.93241E-13	103.52			6236.5
1.64599E+06	1000.0	2.20661E-13	102.95			6236.5
1.64599E+06	1500.0	2.33949E-13	102.69			6236.5
1.64599E+06	2000.0	2.38735E-13	102.60			6236.5
1.64599E+06	3000.0	2.39273E-13	102.59			6236.5
1.64599E+06	4000.0	2.39663E-13	102.59			6236.5

2.37091E+06	100.00	1.6528E-14	113.67	4091.3
2.37091E+06	200.00	3.38242E-14	110.57	4091.3
2.37091E+06	400.00	5.09530E-14	108.79	4091.3
2.37091E+06	600.00	6.64400E-14	107.64	4091.3
2.37091E+06	800.00	7.95137E-14	106.86	4091.3
2.37091E+06	1000.0	9.02804E-14	106.31	4091.3
2.37091E+06	1500.0	9.75296E-14	105.97	4091.3
2.37091E+06	2000.0	1.01913E-13	105.78	4091.3
2.37091E+06	3000.0	1.02261E-13	105.77	4091.3
2.37091E+06	4000.0	1.02386E-13	105.76	4091.3

5.62200E+06	100.00	5.46397E-16	128.62	4638.2
5.62200E+06	200.00	1.12331E-15	125.49	4638.2
5.62200E+06	400.00	1.72185E-15	123.64	4638.2
5.62200E+06	600.00	2.29093E-15	122.40	4638.2
5.62200E+06	800.00	2.79615E-15	121.53	4638.2
5.62200E+06	1000.0	3.22898E-15	120.91	4638.2
5.62200E+06	1500.0	3.55784E-15	120.49	4638.2
5.62200E+06	2000.0	3.83971E-15	120.16	4638.2
5.62200E+06	3000.0	3.91481E-15	120.07	4638.2
5.62200E+06	4000.0	3.93518E-15	120.05	4638.2

1.23009E+06	100.00	1.87679E-13	103.65	6115.5
1.23009E+06	200.00	3.86550E-13	100.51	6115.5
1.23009E+06	400.00	6.00303E-13	98.600	6115.5
1.23009E+06	600.00	8.17314E-13	97.259	6115.5
1.23009E+06	800.00	1.02583E-12	96.273	6115.5
1.23009E+06	1000.0	1.21600E-12	95.534	6115.5
1.23009E+06	1500.0	1.34130E-12	95.108	6115.5
1.23009E+06	2000.0	1.41695E-12	94.870	6115.5
1.23009E+06	3000.0	1.46398E-12	94.728	6115.5
1.23009E+06	4000.0	1.47063E-12	94.682	6115.5

SOURCE LEVEL= 210.00		GROUP 2		SOURCE NO 1		TR LOSS		BOTTOM LEVEL	
RANGE	RECEIVER DEPTH	INTENSITY							
1.49717E+06	100.00	6.16594E-12				89.416		12579	
1.49717E+06	200.00	1.25023E-11				86.346		12579	
1.49717E+06	400.00	1.91115E-11				84.503		12579	
1.49717E+06	600.00	2.58912E-11				83.184		12579	
1.49717E+06	800.00	3.27341E-11				82.165		12579	
1.49717E+06	1000.0	3.95333E-11				81.346		12579	
1.49717E+06	1500.0	4.58110E-11				80.706		12579	
1.49717E+06	2000.0	5.11822E-11				80.224		12579	
1.49717E+06	3000.0	5.48299E-11				79.925		12579	
1.49717E+06	4000.0	5.81184E-11				79.672		12579	
2.37579E+06	100.00	1.12837E-12				96.791		12342	
2.37579E+06	200.00	2.30033E-12				93.698		12342	
2.37579E+06	400.00	3.54675E-12				91.817		12342	
2.37579E+06	600.00	4.84787E-12				90.460		12342	
2.37579E+06	800.00	6.18143E-12				89.405		12342	
2.37579E+06	1000.0	7.52400E-12				88.551		12342	
2.37579E+06	1500.0	8.79121E-12				87.875		12342	
2.37579E+06	2000.0	9.87694E-12				87.369		12342	
2.37579E+06	3000.0	1.05205E-11				87.095		12342	
2.37579E+06	4000.0	1.08683E-11				86.954		12342	
3.29198E+06	100.00	3.07000E-13				101.25		6627.2	
3.29198E+06	200.00	6.39538E-13				98.059		6627.2	
3.29198E+06	400.00	1.01521E-12				96.053		6627.2	
3.29198E+06	600.00	1.41845E-12				94.600		6627.2	
3.29198E+06	800.00	1.82939E-12				93.495		6627.2	
3.29198E+06	1000.0	2.22675E-12				92.641		6627.2	
3.29198E+06	1500.0	2.51613E-12				92.111		6627.2	
3.29198E+06	2000.0	2.66737E-12				91.857		6627.2	
3.29198E+06	3000.0	2.69013E-12				91.820		6627.2	
3.29198E+06	4000.0	2.70492E-12				91.797		6627.2	

2.68715E+06	100.00	1.17175E-12	95.697	7496.7
2.68715E+06	200.00	2.42196E-12	92.544	7496.7
2.68715E+06	400.00	3.80156E-12	90.586	7496.7
2.68715E+06	600.00	5.26238E-12	89.174	7496.7
2.68715E+06	800.00	6.74748E-12	88.094	7496.7
2.68715E+06	1000.0	8.19842E-12	87.248	7496.7
2.68715E+06	1500.0	9.36215E-12	86.672	7496.7
2.68715E+06	2000.0	1.01330E-11	86.328	7496.7
2.68715E+06	3000.0	1.03940E-11	86.218	7496.7
2.68715E+06	4000.0	1.04869E-11	86.179	7496.7
2.95588E+06	100.00	6.53702E-13	98.947	10993
2.95588E+06	200.00	1.34113E-12	95.826	10993
2.95588E+06	400.00	2.08958E-12	93.900	10993
2.95588E+06	600.00	2.88790E-12	92.495	10993
2.95588E+06	800.00	3.72254E-12	91.393	10993
2.95588E+06	1000.0	4.57835E-12	90.494	10993
2.95588E+06	1500.0	5.42020E-12	89.761	10993
2.95588E+06	2000.0	6.17273E-12	89.196	10993
2.95588E+06	3000.0	6.68359E-12	88.851	10993
2.95588E+06	4000.0	7.02458E-12	88.635	10993
4.56849E+06	100.00	1.05520E-12	97.082	12062
4.56849E+06	200.00	2.14600E-12	93.999	12062
4.56849E+06	400.00	3.29227E-12	92.141	12062
4.56849E+06	600.00	4.47023E-12	90.812	12062
4.56849E+06	800.00	5.65412E-12	89.792	12062
4.56849E+06	1000.0	6.81784E-12	88.979	12062
4.56849E+06	1500.0	7.83001E-12	88.378	12062
4.56849E+06	2000.0	8.59803E-12	87.972	12062
4.56849E+06	3000.0	8.89630E-12	87.823	12062
4.56849E+06	4000.0	8.97721E-12	87.784	12062

SOURCE LEVEL= 210.00 SOURCE NO 2 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.06528E+06	100.00	1.95151E-12	94.392	12444
3.06528E+06	200.00	3.97177E-12	91.306	12444
3.06528E+06	400.00	6.12033E-12	89.428	12444
3.06528E+06	600.00	8.38618E-12	88.060	12444
3.06528E+06	800.00	1.07616E-11	86.977	12444
3.06528E+06	1000.0	1.32439E-11	86.076	12444
3.06528E+06	1500.0	1.60285E-11	85.247	12444
3.06528E+06	2000.0	1.92688E-11	84.447	12444
3.06528E+06	3000.0	2.42505E-11	83.449	12444
3.06528E+06	4000.0	3.16847E-11	82.287	12444
3.48955E+06	100.00	7.69993E-13	97.843	8939.6
3.48955E+06	200.00	1.59269E-12	94.687	8939.6
3.48955E+06	400.00	2.51902E-12	92.697	8939.6
3.48955E+06	600.00	3.53961E-12	91.218	8939.6
3.48955E+06	800.00	4.64802E-12	90.035	8939.6
3.48955E+06	1000.0	5.83094E-12	89.051	8939.6
3.48955E+06	1500.0	7.12794E-12	88.178	8939.6
3.48955E+06	2000.0	8.40469E-12	87.463	8939.6
3.48955E+06	3000.0	9.23115E-12	87.055	8939.6
3.48955E+06	4000.0	9.50761E-12	86.927	8939.6
2.44633E+06	100.00	2.03709E-11	84.314	12767
2.44633E+06	200.00	4.19348E-11	81.179	12767
2.44633E+06	400.00	6.58292E-11	79.220	12767
2.44633E+06	600.00	9.19197E-11	77.770	12767
2.44633E+06	800.00	1.20002E-10	76.613	12767
2.44633E+06	1000.0	1.49807E-10	75.649	12767
2.44633E+06	1500.0	1.82430E-10	74.793	12767
2.44633E+06	2000.0	2.15467E-10	74.071	12767
2.44633E+06	3000.0	2.43366E-10	73.542	12767
2.44633E+06	4000.0	2.62949E-10	73.206	12767

2.14987E+06	100.00	1.16384E-11	86.903	13901
2.14987E+06	200.00	2.36534E-11	83.823	13901
2.14987E+06	400.00	3.63458E-11	81.958	13901
2.14987E+06	600.00	4.96052E-11	80.607	13901
2.14987E+06	800.00	6.33146E-11	79.547	13901
2.14987E+06	1000.0	7.73561E-11	78.677	13901
2.14987E+06	1500.0	9.17516E-11	77.936	13901
2.14987E+06	2000.0	1.05966E-10	77.311	13901
2.14987E+06	3000.0	1.19048E-10	76.805	13901
2.14987E+06	4000.0	1.30855E-10	76.394	13901
4.04348E+06	100.00	1.13119E-12	96.173	9132.9
4.04348E+06	200.00	2.33703E-12	93.021	9132.9
4.04348E+06	400.00	3.67827E-12	91.052	9132.9
4.04348E+06	600.00	5.12891E-12	89.608	9132.9
4.04348E+06	800.00	6.65617E-12	88.476	9132.9
4.04348E+06	1000.0	8.22462E-12	87.557	9132.9
4.04348E+06	1500.0	9.77667E-12	86.806	9132.9
4.04348E+06	2000.0	1.13692E-11	86.151	9132.9
4.04348E+06	3000.0	1.53885E-11	84.836	9132.9
4.04348E+06	4000.0	2.70947E-11	82.379	9132.9
3.07938E+06	100.00	6.78573E-12	88.754	11018
3.07938E+06	200.00	1.40656E-11	85.589	11018
3.07938E+06	400.00	2.23434E-11	83.579	11018
3.07938E+06	600.00	3.16138E-11	82.071	11018
3.07938E+06	800.00	4.18499E-11	80.853	11018
3.07938E+06	1000.0	5.30052E-11	79.827	11018
3.07938E+06	1500.0	6.61463E-11	78.865	11018
3.07938E+06	2000.0	8.06442E-11	78.004	11018
3.07938E+06	3000.0	9.5389E-11	77.275	11018
3.07938E+06	4000.0	1.09105E-10	76.692	11018

SOURCE LEVEL=	210.00	SOURCE NO	3	GROUP	2	BOTTOM LEVEL
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS			
4.57649E+06	100.00	1.48308E-13	105.44			11099
4.57649E+06	200.00	3.01401E-13	102.36			11099
4.57649E+06	400.00	4.62063E-13	100.51			11099
4.57649E+06	600.00	6.27462E-13	99.177			11099
4.57649E+06	800.00	7.94769E-13	98.151			11099
4.57649E+06	1000.0	9.61394E-13	97.324			11099
4.57649E+06	1500.0	1.11809E-12	96.669			11099
4.57649E+06	2000.0	1.26032E-12	96.149			11099
4.57649E+06	3000.0	1.38027E-12	95.754			11099
4.57649E+06	4000.0	1.47353E-12	95.470			11099
4.77927E+06	100.00	1.01025E-13	107.38			12922
4.77927E+06	200.00	2.04330E-13	104.32			12922
4.77927E+06	400.00	3.11061E-13	102.49			12922
4.77927E+06	600.00	4.19674E-13	101.19			12922
4.77927E+06	800.00	5.28688E-13	100.19			12922
4.77927E+06	1000.0	6.36778E-13	99.380			12922
4.77927E+06	1500.0	7.38486E-13	98.736			12922
4.77927E+06	2000.0	8.31854E-13	98.219			12922
4.77927E+06	3000.0	9.15232E-13	97.805			12922
4.77927E+06	4000.0	9.93392E-13	97.449			12922
2.37303E+06	100.00	1.33856E-12	95.887			11416
2.37303E+06	200.00	2.71469E-12	92.816			11416
2.37303E+06	400.00	4.14845E-12	90.975			11416
2.37303E+06	600.00	5.61517E-12	89.660			11416
2.37303E+06	800.00	7.09007E-12	88.647			11416
2.37303E+06	1000.0	8.54998E-12	87.834			11416
2.37303E+06	1500.0	9.89259E-12	87.200			11416
2.37303E+06	2000.0	1.10562E-11	86.717			11416
2.37303E+06	3000.0	1.18591E-11	86.413			11416
2.37303E+06	4000.0	1.23395E-11	86.240			11416

2.54267E+06	100.00	8.19979E-13	98.124	11758
2.54267E+06	200.00	1.66348E-12	95.052	11758
2.54267E+06	400.00	2.54137E-12	93.211	11758
2.54267E+06	600.00	3.43518E-12	91.902	11758
2.54267E+06	800.00	4.32552E-12	90.902	11758
2.54267E+06	1000.0	5.19342E-12	90.107	11758
2.54267E+06	1500.0	5.93568E-12	89.527	11758
2.54267E+06	2000.0	6.49643E-12	89.135	11758
2.54267E+06	3000.0	6.75200E-12	88.968	11758
2.54267E+06	4000.0	6.93135E-12	88.854	11758
5.29030E+06	100.00	7.38524E-14	108.68	12508
5.29030E+06	200.00	1.49553E-13	105.62	12508
5.29030E+06	400.00	2.28072E-13	103.79	12508
5.29030E+06	600.00	3.08169E-13	102.48	12508
5.29030E+06	800.00	3.88584E-13	101.47	12508
5.29030E+06	1000.0	4.68107E-13	100.66	12508
5.29030E+06	1500.0	5.40963E-13	100.04	12508
5.29030E+06	2000.0	6.03207E-13	99.563	12508
5.29030E+06	3000.0	6.43743E-13	99.281	12508
5.29030E+06	4000.0	6.70627E-13	99.103	12508
1.73143E+06	100.00	3.08980E-12	92.143	10370
1.73143E+06	200.00	6.25942E-12	89.077	10370
1.73143E+06	400.00	9.53665E-12	87.248	10370
1.73143E+06	600.00	1.28493E-11	85.953	10370
1.73143E+06	800.00	1.61275E-11	84.966	10370
1.73143E+06	1000.0	1.93092E-11	84.184	10370
1.73143E+06	1500.0	2.20715E-11	83.604	10370
1.73143E+06	2000.0	2.43645E-11	83.174	10370
1.73143E+06	3000.0	2.61556E-11	82.866	10370
1.73143E+06	4000.0	2.77406E-11	82.611	10370

SOURCE LEVEL= 210.00		SOURCE NO	GROUP	2		
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
2.41018E+06	100.00	8.89922E-13	97.743	11936		
2.41018E+06	200.00	1.79536E-12	94.695	11936		
2.41018E+06	400.00	2.71814E-12	92.894	11936		
2.41018E+06	600.00	3.63932E-12	91.626	11936		
2.41018E+06	800.00	4.54022E-12	90.666	11936		
2.41018E+06	1000.0	5.40366E-12	89.910	11936		
2.41018E+06	1500.0	6.11695E-12	89.371	11936		
2.41018E+06	2000.0	6.64803E-12	89.010	11936		
2.41018E+06	3000.0	6.95259E-12	88.815	11936		
2.41018E+06	4000.0	7.47109E-12	88.503	11936		
1.63902E+06	100.00	2.57565E-12	93.394	13486		
1.63902E+06	200.00	5.19034E-12	90.351	13486		
1.63902E+06	400.00	7.85200E-12	88.553	13486		
1.63902E+06	600.00	1.05182E-11	87.284	13486		
1.63902E+06	800.00	1.31471E-11	86.315	13486		
1.63902E+06	1000.0	1.57003E-11	85.544	13486		
1.63902E+06	1500.0	1.79305E-11	84.967	13486		
1.63902E+06	2000.0	1.97357E-11	84.550	13486		
1.63902E+06	3000.0	2.07758E-11	84.327	13486		
1.63902E+06	4000.0	2.13773E-11	84.203	13486		
2.14931E+06	100.00	1.97092E-12	92.717	5208.4		
2.14931E+06	200.00	4.04768E-12	89.592	5208.4		
2.14931E+06	400.00	6.23798E-12	87.713	5208.4		
2.14931E+06	600.00	8.39776E-12	86.422	5208.4		
2.14931E+06	800.00	1.03920E-11	85.497	5208.4		
2.14931E+06	1000.0	1.21192E-11	84.829	5208.4		
2.14931E+06	1500.0	1.30469E-11	84.509	5208.4		
2.14931E+06	2000.0	1.34463E-11	84.378	5208.4		
2.14931E+06	3000.0	1.38163E-11	84.260	5208.4		
2.14931E+06	4000.0	1.40644E-11	84.183	5208.4		

1.41463E+06	100.00	3.11523E-12	92.076	10354
1.41463E+06	200.00	6.29284E-12	89.022	10354
1.41463E+06	400.00	9.53733E-12	87.217	10354
1.41463E+06	600.00	1.27690E-11	85.949	10354
1.41463E+06	800.00	1.59106E-11	84.994	10354
1.41463E+06	1000.0	1.88928E-11	84.248	10354
1.41463E+06	1500.0	2.12631E-11	83.735	10354
1.41463E+06	2000.0	2.29167E-11	83.409	10354
1.41463E+06	3000.0	2.35116E-11	83.298	10354
1.41463E+06	4000.0	2.36883E-11	83.265	10354

2.11318E+06	100.00	2.02426E-12	94.062	11201
2.11318E+06	200.00	4.10334E-12	90.994	11201
2.11318E+06	400.00	6.26672E-12	89.155	11201
2.11318E+06	600.00	8.48028E-12	87.841	11201
2.11318E+06	800.00	1.07124E-11	86.826	11201
2.11318E+06	1000.0	1.29376E-11	86.007	11201
2.11318E+06	1500.0	1.50975E-11	85.336	11201
2.11318E+06	2000.0	1.72700E-11	84.752	11201
2.11318E+06	3000.0	2.00967E-11	84.094	11201
2.11318E+06	4000.0	2.36024E-11	83.396	11201

4.14080E+06	100.00	1.51443E-13	105.65	13083
4.14080E+06	200.00	3.07958E-13	102.57	13083
4.14080E+06	400.00	4.73304E-13	100.70	13083
4.14080E+06	600.00	6.45495E-13	99.352	13083
4.14080E+06	800.00	8.22336E-13	98.301	13083
4.14080E+06	1000.0	1.00152E-12	97.444	13083
4.14080E+06	1500.0	1.17673E-12	96.744	13083
4.14080E+06	2000.0	1.33621E-12	96.192	13083
4.14080E+06	3000.0	1.44837E-12	95.842	13083
4.14080E+06	4000.0	1.51900E-12	95.635	13083

SOURCE LEVEL=		210.00	SOURCE NO	5	GROUP	2	BOTTOM LEVEL	
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS					
3.69827E+06	100.00	1.98650E-12	94.065				10842	
3.69827E+06	200.00	4.06957E-12	90.951				10842	
3.69827E+06	400.00	6.31933E-12	89.039				10842	
3.69827E+06	600.00	8.69176E-12	87.655				10842	
3.69827E+06	800.00	1.11347E-11	86.579				10842	
3.69827E+06	1000.0	1.35914E-11	85.713				10842	
3.69827E+06	1500.0	1.58409E-11	85.048				10842	
3.69827E+06	2000.0	1.76306E-11	84.583				10842	
3.69827E+06	3000.0	1.84277E-11	84.391				10842	
3.69827E+06	4000.0	1.87749E-11	84.310				10842	
3.32151E+06	100.00	1.19733E-12	96.756				13731	
3.32151E+06	200.00	2.43200E-12	93.679				13731	
3.32151E+06	400.00	3.73061E-12	91.820				13731	
3.32151E+06	600.00	5.07711E-12	90.482				13731	
3.32151E+06	800.00	6.45394E-12	89.440				13731	
3.32151E+06	1000.0	7.84295E-12	88.593				13731	
3.32151E+06	1500.0	9.18654E-12	87.907				13731	
3.32151E+06	2000.0	1.04004E-11	87.368				13731	
3.32151E+06	3000.0	1.12997E-11	87.008				13731	
3.32151E+06	4000.0	1.21062E-11	86.708				13731	
1.05598E+06	100.00	1.98285E-11	84.299				12000	
1.05598E+06	200.00	4.03728E-11	81.211				12000	
1.05598E+06	400.00	6.21256E-11	79.339				12000	
1.05598E+06	600.00	8.47518E-11	77.990				12000	
1.05598E+06	800.00	1.07891E-10	76.942				12000	
1.05598E+06	1000.0	1.31184E-10	76.093				12000	
1.05598E+06	1500.0	1.53478E-10	75.411				12000	
1.05598E+06	2000.0	1.73520E-10	74.878				12000	
1.05598E+06	3000.0	1.88936E-10	74.509				12000	
1.05598E+06	4000.0	2.01365E-10	74.232				12000	

8.83166E+05	100.00	1.53462E-11	85.300	11400
8.83166E+05	200.00	3.10286E-11	82.243	11400
8.83166E+05	400.00	4.71426E-11	80.426	11400
8.83166E+05	600.00	6.33522E-11	79.143	11400
8.83166E+05	800.00	7.93253E-11	78.166	11400
8.83166E+05	1000.0	9.47580E-11	77.394	11400
8.83166E+05	1500.0	1.07880E-10	76.831	11400
8.83166E+05	2000.0	1.18265E-10	76.432	11400
8.83166E+05	3000.0	1.25774E-10	76.164	11400
8.83166E+05	4000.0	1.34276E-10	75.880	11400
3.77139E+06	100.00	1.14932E-13	106.08	9102.5
3.77139E+06	200.00	2.40123E-13	102.88	9102.5
3.77139E+06	400.00	3.86110E-13	100.82	9102.5
3.77139E+06	600.00	5.52453E-13	99.261	9102.5
3.77139E+06	800.00	7.37641E-13	98.006	9102.5
3.77139E+06	1000.0	9.39057E-13	96.957	9102.5
3.77139E+06	1500.0	1.16348E-12	96.026	9102.5
3.77139E+06	2000.0	1.38097E-12	95.282	9102.5
3.77139E+06	3000.0	1.53759E-12	94.816	9102.5
3.77139E+06	4000.0	1.68119E-12	94.428	9102.5
2.46273E+06	100.00	3.15466E-12	92.391	12588
2.46273E+06	200.00	6.43439E-12	89.295	12588
2.46273E+06	400.00	9.93618E-12	87.408	12588
2.46273E+06	600.00	1.36158E-11	86.040	12588
2.46273E+06	800.00	1.74228E-11	84.969	12588
2.46273E+06	1000.0	2.13033E-11	84.096	12588
2.46273E+06	1500.0	2.51335E-11	83.378	12588
2.46273E+06	2000.0	2.86341E-11	82.812	12588
2.46273E+06	3000.0	3.11032E-11	82.452	12588
2.46273E+06	4000.0	3.26914E-11	82.236	12588

SOURCE LEVEL= 210.00 SOURCE NO 6 GROUP 2

RANGE

RECEIVER DEPTH

INTENSITY

TR LOSS

BOTTOM LEVEL

5.04640E+06	100.00	2.73577E-13	102.98	12376
5.04640E+06	200.00	5.71579E-13	99.784	12376
5.04640E+06	400.00	9.25250E-13	97.692	12376
5.04640E+06	600.00	1.34490E-12	96.067	12376
5.04640E+06	800.00	1.84214E-12	94.701	12376
5.04640E+06	1000.0	2.42943E-12	93.499	12376
5.04640E+06	1500.0	3.29557E-12	92.175	12376
5.04640E+06	2000.0	4.49223E-12	90.830	12376
5.04640E+06	3000.0	6.20252E-12	89.429	12376
5.04640E+06	4000.0	7.73908E-12	88.467	12376

4.82191E+06	100.00	5.94010E-13	99.774	13550
4.82191E+06	200.00	1.21344E-12	96.672	13550
4.82191E+06	400.00	1.88079E-12	94.769	13550
4.82191E+06	600.00	2.59113E-12	93.377	13550
4.82191E+06	800.00	3.33837E-12	92.277	13550
4.82191E+06	1000.0	4.11555E-12	91.368	13550
4.82191E+06	1500.0	4.93367E-12	90.581	13550
4.82191E+06	2000.0	5.74530E-12	89.919	13550
4.82191E+06	3000.0	6.45112E-12	89.416	13550
4.82191E+06	4000.0	7.02320E-12	89.047	13550

1.66495E+06	100.00	3.02855E-12	92.322	10890
1.66495E+06	200.00	6.15644E-12	89.241	10890
1.66495E+06	400.00	9.43661E-12	87.386	10890
1.66495E+06	600.00	1.27999E-11	86.062	10890
1.66495E+06	800.00	1.61723E-11	85.047	10890
1.66495E+06	1000.0	1.94906E-11	84.238	10890
1.66495E+06	1500.0	2.23579E-11	83.640	10890
1.66495E+06	2000.0	2.45900E-11	83.227	10890
1.66495E+06	3000.0	2.58118E-11	83.016	10890
1.66495E+06	4000.0	2.70963E-11	82.805	10890

2.11463E+06	100.00	7.17550E-12	88.224	9254.5
2.11463E+06	200.00	1.47037E-11	85.108	9254.5
2.11463E+06	400.00	2.28582E-11	83.192	9254.5
2.11463E+06	600.00	3.15286E-11	81.795	9254.5
2.11463E+06	800.00	4.06154E-11	80.695	9254.5
2.11463E+06	1000.0	5.00488E-11	79.788	9254.5
2.11463E+06	1500.0	6.03486E-11	78.975	9254.5
2.11463E+06	2000.0	7.20780E-11	78.204	9254.5
2.11463E+06	3000.0	8.82746E-11	77.324	9254.5
2.11463E+06	4000.0	1.04938E-10	76.573	9254.5
5.26316E+06	100.00	2.50360E-14	112.92	9717.2
5.26316E+06	200.00	5.13097E-14	109.80	9717.2
5.26316E+06	400.00	7.97284E-14	107.89	9717.2
5.26316E+06	600.00	1.09772E-13	106.50	9717.2
5.26316E+06	800.00	1.40864E-13	105.41	9717.2
5.26316E+06	1000.0	1.72426E-13	104.54	9717.2
5.26316E+06	1500.0	2.02977E-13	103.83	9717.2
5.26316E+06	2000.0	2.30513E-13	103.28	9717.2
5.26316E+06	3000.0	2.49728E-13	102.93	9717.2
5.26316E+06	4000.0	2.59286E-13	102.76	9717.2
9.83380E+05	100.00	6.66004E-11	79.011	12147
9.83380E+05	200.00	1.36392E-10	75.898	12147
9.83380E+05	400.00	2.12180E-10	73.979	12147
9.83380E+05	600.00	2.93278E-10	72.573	12147
9.83380E+05	800.00	3.78799E-10	71.462	12147
9.83380E+05	1000.0	4.67680E-10	70.546	12147
9.83380E+05	1500.0	5.59526E-10	69.768	12147
9.83380E+05	2000.0	6.46160E-10	69.142	12147
9.83380E+05	3000.0	7.05227E-10	68.762	12147
9.83380E+05	4000.0	7.38056E-10	68.565	12147

SOURCE LEVEL= 210.00		SOURCE NO	GROUP	2		
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
6.59754E+06	100.00	4.88639E-13	100.32	11372		
6.59754E+06	200.00	1.00369E-12	97.193	11372		
6.59754E+06	400.00	1.57005E-12	95.250	11372		
6.59754E+06	600.00	2.18454E-12	93.815	11372		
6.59754E+06	800.00	2.84251E-12	92.672	11372		
6.59754E+06	1000.0	3.53777E-12	91.722	11372		
6.59754E+06	1500.0	4.28906E-12	90.885	11372		
6.59754E+06	2000.0	5.02850E-12	90.195	11372		
6.59754E+06	3000.0	5.56028E-12	89.758	11372		
6.59754E+06	4000.0	5.87606E-12	89.518	11372		
6.47485E+06	100.00	3.26759E-13	102.22	12575		
6.47485E+06	200.00	6.62629E-13	99.154	12575		
6.47485E+06	400.00	1.01350E-12	97.309	12575		
6.47485E+06	600.00	1.37479E-12	95.985	12575		
6.47485E+06	800.00	1.74178E-12	94.957	12575		
6.47485E+06	1000.0	2.10989E-12	94.124	12575		
6.47485E+06	1500.0	2.46352E-12	93.451	12575		
6.47485E+06	2000.0	2.78722E-12	92.915	12575		
6.47485E+06	3000.0	3.06243E-12	92.506	12575		
6.47485E+06	4000.0	3.36840E-12	92.093	12575		
3.14353E+06	100.00	7.17498E-13	97.559	6643.9		
3.14353E+06	200.00	1.49267E-12	94.378	6643.9		
3.14353E+06	400.00	2.38226E-12	92.348	6643.9		
3.14353E+06	600.00	3.38567E-12	90.821	6643.9		
3.14353E+06	800.00	4.50423E-12	89.581	6643.9		
3.14353E+06	1000.0	5.74055E-12	88.528	6643.9		
3.14353E+06	1500.0	7.26350E-12	87.506	6643.9		
3.14353E+06	2000.0	8.95509E-12	86.597	6643.9		
3.14353E+06	3000.0	1.04041E-11	85.946	6643.9		
3.14353E+06	4000.0	1.19650E-11	85.338	6643.9		

3.71499E+06	100.00	1.90662E-12	93.834	8449.3
3.71499E+06	200.00	3.85882E-12	90.772	8449.3
3.71499E+06	400.00	5.85954E-12	88.958	8449.3
3.71499E+06	600.00	7.85335E-12	87.686	8449.3
3.71499E+06	800.00	9.79191E-12	86.728	8449.3
3.71499E+06	1000.0	1.16386E-11	85.978	8449.3
3.71499E+06	1500.0	1.31885E-11	85.435	8449.3
3.71499E+06	2000.0	1.44886E-11	85.027	8449.3
3.71499E+06	3000.0	1.56354E-11	84.696	8449.3
3.71499E+06	4000.0	1.68817E-11	84.363	8449.3
6.91291E+06	100.00	2.31745E-13	103.11	8942.2
6.91291E+06	200.00	4.70263E-13	100.03	8942.2
6.91291E+06	400.00	7.17942E-13	98.197	8942.2
6.91291E+06	600.00	9.68974E-13	96.894	8942.2
6.91291E+06	800.00	1.21814E-12	95.900	8942.2
6.91291E+06	1000.0	1.46132E-12	95.110	8942.2
6.91291E+06	1500.0	1.68050E-12	94.503	8942.2
6.91291E+06	2000.0	1.87714E-12	94.022	8942.2
6.91291E+06	3000.0	2.05046E-12	93.639	8942.2
6.91291E+06	4000.0	2.20208E-12	93.329	8942.2
7.64102E+05	100.00	8.15456E-11	77.271	7560.0
7.64102E+05	200.00	1.64035E-10	74.236	7560.0
7.64102E+05	400.00	2.45766E-10	72.480	7560.0
7.64102E+05	600.00	3.23387E-10	71.288	7560.0
7.64102E+05	800.00	3.94126E-10	70.429	7560.0
7.64102E+05	1000.0	4.56081E-10	69.795	7560.0
7.64102E+05	1500.0	4.94133E-10	69.447	7560.0
7.64102E+05	2000.0	5.14334E-10	69.272	7560.0
7.64102E+05	3000.0	5.25003E-10	69.183	7560.0
7.64102E+05	4000.0	5.47313E-10	69.003	7560.0

SOURCE LEVEL= 210.00		SOURCE NO	GROUP	2		
RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL		
5.93999E+06	100.00	2.46110E-14	112.96	9720.0		
5.93999E+06	200.00	5.15294E-14	109.75	9720.0		
5.93999E+06	400.00	8.33922E-14	107.66	9720.0		
5.93999E+06	600.00	1.20590E-13	106.06	9720.0		
5.93999E+06	800.00	1.63432E-13	104.74	9720.0		
5.93999E+06	1000.0	2.12121E-13	103.61	9720.0		
5.93999E+06	1500.0	2.75507E-13	102.47	9720.0		
5.93999E+06	2000.0	3.52083E-13	101.41	9720.0		
5.93999E+06	3000.0	4.41306E-13	100.43	9720.0		
5.93999E+06	4000.0	5.13180E-13	99.772	9720.0		
5.28659E+06	100.00	3.57060E-14	110.37	5695.3		
5.28659E+06	200.00	7.54332E-14	107.12	5695.3		
5.28659E+06	400.00	1.23138E-13	104.99	5695.3		
5.28659E+06	600.00	1.78335E-13	103.38	5695.3		
5.28659E+06	800.00	2.39951E-13	102.09	5695.3		
5.28659E+06	1000.0	3.06172E-13	101.03	5695.3		
5.28659E+06	1500.0	3.71053E-13	100.20	5695.3		
5.28659E+06	2000.0	4.16011E-13	99.701	5695.3		
5.28659E+06	3000.0	4.25905E-13	99.599	5695.3		
5.28659E+06	4000.0	4.30863E-13	99.549	5695.3		
1.64599E+06	100.00	4.24724E-12	89.739	6236.5		
1.64599E+06	200.00	8.70529E-12	86.622	6236.5		
1.64599E+06	400.00	1.34053E-11	84.747	6236.5		
1.64599E+06	600.00	1.80878E-11	83.446	6236.5		
1.64599E+06	800.00	2.25110E-11	82.496	6236.5		
1.64599E+06	1000.0	2.64909E-11	81.789	6236.5		
1.64599E+06	1500.0	2.90915E-11	81.383	6236.5		
1.64599E+06	2000.0	3.07548E-11	81.141	6236.5		
1.64599E+06	3000.0	3.29696E-11	80.839	6236.5		
1.64599E+06	4000.0	3.57480E-11	80.488	6236.5		

2.37091E+06	100.00	8.16054E-13	96.223	4091.3
2.37091E+06	200.00	1.72516E-12	92.972	4091.3
2.37091E+06	400.00	2.76989E-12	90.916	4091.3
2.37091E+06	600.00	3.85702E-12	89.478	4091.3
2.37091E+06	800.00	4.88570E-12	88.451	4091.3
2.37091E+06	1000.0	5.77495E-12	87.725	4091.3
2.37091E+06	1500.0	6.20376E-12	87.414	4091.3
2.37091E+06	2000.0	6.37219E-12	87.297	4091.3
2.37091E+06	3000.0	7.57682E-12	86.545	4091.3
2.37091E+06	4000.0	8.54533E-12	86.023	4091.3
5.62200E+06	100.00	1.25396E-14	114.50	4638.2
5.62200E+06	200.00	2.66495E-14	111.23	4638.2
5.62200E+06	400.00	4.47195E-14	108.98	4638.2
5.62200E+06	600.00	6.85680E-14	107.12	4638.2
5.62200E+06	800.00	1.00589E-13	105.46	4638.2
5.62200E+06	1000.0	1.42767E-13	103.94	4638.2
5.62200E+06	1500.0	2.05146E-13	102.36	4638.2
5.62200E+06	2000.0	2.54990E-13	101.42	4638.2
5.62200E+06	3000.0	2.59017E-13	101.35	4638.2
5.62200E+06	4000.0	2.59038E-13	101.35	4638.2
1.23009E+06	100.00	9.86171E-12	86.081	6115.5
1.23009E+06	200.00	2.02585E-11	82.954	6115.5
1.23009E+06	400.00	3.12990E-11	81.065	6115.5
1.23009E+06	600.00	4.23502E-11	79.752	6115.5
1.23009E+06	800.00	5.28022E-11	78.794	6115.5
1.23009E+06	1000.0	6.21690E-11	78.084	6115.5
1.23009E+06	1500.0	6.79350E-11	77.699	6115.5
1.23009E+06	2000.0	7.07606E-11	77.522	6115.5
1.23009E+06	3000.0	7.14124E-11	77.482	6115.5
1.23009E+06	4000.0	7.16794E-11	77.466	6115.5