AD-757 105

ARCTIC SITE SURVEY. PART II, CONTINUED

T. S. Chow

Aerophysics Research Corporation

Prepared for:

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Advanced Research Projects Agency

15 March 1973

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Short Title of Work
ARCTIC SITE SURVEY
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SOURCE LEVEL= 410.00 SOURCE NO 1 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.49717E+06	100.00	5.09626E-13	100.27	12579
1.49717E+06	200.00	1.03442E-12	97.195	12579
1.49717E+06	400.00	1.58254E-12	95.348	12579
1.49717E+06	600.00	2.14364E-12	94.030	12579
1.49717E+06	800.00	2.70668E-12	93.017	12579
1.49717E+06	1000.0	3.26057E-12	92.209	12579
1.49717E+06	1500.0	3.74897E-12	91.602	12579
1.49717E+06	2000.0	4.13296E-12	91.179	12579
1.49717E+06	3000.0	4.32360E-12	90.983	12579
1.49717E+06	4000.0	4.47750E-12	90.831	12579
2.37579E+06	100.00	1.38741E-13	105.87	12342
2.37579E+06	200.00	2.82356E-13	102.78	12342
2.37579E+06	400.00	4.34413E-13	100.91	12342
2.37579E+06	600.00	5.93007E-13	99.559	12342
2.37579E+06	800.00	7.56146E-13	98.503	12342
2.37579E+06	1000.0	9.21869E-13	97.643	12342
2.37579E+06	1500.0	1.08651E-12	96.929	12342
2.37579E+06	2000.0	1.24221E-12	96.348	12342
2.37579E+06	3000.0	1.36928E-12	95.925	12342
2.37579E+06	4000.0	1.46930E-12	95.618	12342
3.29198E+06	100.00	5.89140E-14	108.39	6627.2
3.29198E+06	200.00	1.22156E-13	105.22	6627.2
3.29198E+06	400.00	1.92185E-13	103.25	6627.2
3.29198E+06	600.00	2.65768E-13	101.85	6627.2
3.29198E+06	800.00	3.39212E-13	100.79	6627.2
3.29198E+06	1000.0	4.08949E-13	99.975	6627.2
3.29198E+06	1500.0	4.59073E-13	99.473	6627.2
3.29198E+06	2000.0	4.88541E-13	99.203	6627.2
3.29198E+06	3000.0	5.06789E-13	99.044	6627.2
3.29198E+06	4000.0	5.32549E-13	98.829	6627.2

2.68715E+06	100.00	8.79014E-14	106.92	7496.7
2.68715E+06	200.00	1.80628E-13	103.79	7496.7
2.68715E+06	400.00	2.80325E-13	101.88	7496.7
2.68715E+06	600.00	3.82781E-13	100.53	7496.7
2.68715E+06	800.00	4.83556E-13	99.515	7496.7
2.68715E+06	1000.0	5.78672E-13	98.735	7496.7
2.68715E+06	1500.0	6.50231E-13	98.229	7496.7
2.68715E+06	2000.0	7.03380E-13	97.888	7496.7
2.68715E+06	3000.0	7.65478E-13	97.520	7496.7
2.68715E+06	4000.0	8.19942E-13	97.222	7496.7
2.95588E+06	100.00	7.08952E-14	108.57	10993
2.95588E+06	200.00	1.44123E-13	105.49	10993
2.95588E+06	400.00	2.20763E-13	103.64	10993
2.95588E+06	600.00	2.98950E-13	102.32	10993
2.95588E+06	800.00	3.76709E-13	101.31	10993
2.95588E+06	1000.0	4.52112E-13	100.52	10993
2.95588E+06	1500.0	5.14752E-13	99.959	10993
2.95588E+06	2000.0	5.59781E-13	99.595	10993
2.95588E+06	3000.0	5.79520E-13	99.444	10993
2.95588E+06	4000.0	6.02222E-13	99.277	10993
4.56849E+06	100.00	1.93570E-14	114.42	12062
4.56849E+06	200.00	3.95062E-14	111.32	12062
4.56849E+06	400.00	6.10457E-14	109.43	12062
4.56849E+06	600.00	8.36829E-14	108.06	12062
4.56849E+06	800.00	1.07106E-13	106.99	12062
4.56849E+06	1000.0	1.31008E-13	106.12	12062
4.56849E+06	1500.0	1.54999E-13	105.39	12062
4.56849E+06	2000.0	1.78159E-13	104.78	12062
4.56849E+06	3000.0	1.98902E-13	104.30	12062
4.56849E+06	4000.0	2.14581E-13	103.97	12062

SOURCE LEVEL= 410.00 SOURCE NO 2 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
3.06528E+06	100.00	6.51467E-13	99.133	12444
3.06528E+06	200.00	1.32488E-12	96.050	12444
3.06528E+06	400.00	2.03468E-12	94.187	12444
3.06528E+06	600.00	2.76940E-12	92.848	12444
3.06528E+06	800.00	3.51638E-12	91.811	12444
3.06528E+06	1000.0	4.26240E-12	90.976	12444
3.06528E+06	1500.0	4.95088E-12	90.325	12444
3.06528E+06	2000.0	5.52103E-12	89.852	12444
3.06528E+06	3000.0	5.80627E-12	89.633	12444
3.06528E+06	4000.0	5.90232E-12	89.562	12444
3.48955E+06	100.00	1.50480E-13	104.91	8939.6
3.48955E+06	200.00	3.09074E-13	101.78	8939.6
3.48955E+06	400.00	4.81128E-13	99.862	8939.6
3.48955E+06	600.00	6.62040E-13	98.476	8939.6
3.48955E+06	800.00	8.46442E-13	97.408	8939.6
3.48955E+06	1000.0	1.02868E-12	96.562	8939.6
3.48955E+06	1500.0	1.18338E-12	95.953	8939.6
3.48955E+06	2000.0	1.29196E-12	95.572	8939.6
3.48955E+06	3000.0	1.32255E-12	95.470	8939.6
3.48955E+06	4000.0	1.32702E-12	95.456	8939.6
2.44635E+06	100.00	1.29666E-12	96.252	12767
2.44635E+06	200.00	2.62202E-12	93.194	12767
2.44635E+06	400.00	3.98678E-12	91.375	12767
2.44635E+06	600.00	5.36531E-12	90.085	12767
2.44635E+06	800.00	6.73136E-12	89.100	12767
2.44635E+06	1000.0	8.05961E-12	88.318	12767
2.44635E+06	1500.0	9.20142E-12	87.742	12767
2.44635E+06	2000.0	1.00822E-11	87.345	12767
2.44635E+06	3000.0	1.05075E-11	87.166	12767
2.44635E+06	4000.0	1.07591E-11	87.063	12767

2.14987E+06	100.00	1.74285E-12	95.126	13901
2.14987E+06	200.00	3.53149E-12	92.059	13901
2.14987E+06	400.00	5.39236E-12	90.221	13901
2.14987E+06	600.00	7.29699E-12	88.907	13901
2.14987E+06	800.00	9.21486E-12	87.894	13901
2.14987E+06	1000.0	1.11149E-11	87.080	13901
2.14987E+06	1500.0	1.28442E-11	86.452	13901
2.14987E+06	2000.0	1.42676E-11	85.995	13901
2.14987E+06	3000.0	1.49862E-11	85.782	13901
2.14987E+06	4000.0	1.52436E-11	85.708	13901
4.04348E+06	100.00	8.21742E-15	117.54	9132.9
4.04348E+06	200.00	1.68199E-14	114.43	9132.9
4.04348E+06	400.00	2.60336E-14	112.53	9132.9
4.04348E+06	600.00	3.56081E-14	111.17	9132.9
4.04348E+06	800.00	4.52666E-14	110.13	9132.9
4.04348E+06	1000.0	5.47328E-14	109.30	9132.9
4.04348E+06	1500.0	6.27424E-14	108.71	9132.9
4.04348E+06	2000.0	6.86975E-14	108.31	9132.9
4.04348E+06	3000.0	7.21959E-14	108.10	9132.9
4.04348E+06	4000.0	7.55224E-14	107.90	9132.9
3.07938E+06	100.00	7.47991E-14	108.31	11018
3.07938E+06	200.00	1.51861E-13	105.23	11018
3.07938E+06	400.00	2.32261E-13	103.39	11018
3.07938E+06	600.00	3.14255E-13	102.07	11018
3.07938E+06	800.00	3.96020E-13	101.07	11018
3.07938E+06	1000.0	4.75778E-13	100.27	11018
3.07938E+06	1500.0	5.44070E-13	99.690	11018
3.07938E+06	2000.0	5.95751E-13	99.296	11018
3.07938E+06	3000.0	6.17857E-13	99.138	11018
3.07938E+06	4000.0	6.25999E-13	99.081	11018

SOURCE LEVEL= 410.00 SOURCE NO 3 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.57649E+06	100.00	3.61743E-14	111.54	11099
4.57649E+06	200.00	7.43593E-14	108.41	11099
4.57649E+06	400.00	1.16344E-13	106.47	11099
4.57649E+06	600.00	1.61724E-13	105.04	11099
4.57649E+06	800.00	2.09982E-13	103.91	11099
4.57649E+06	1000.0	2.60506E-13	102.97	11099
4.57649E+06	1500.0	3.13644E-13	102.16	11099
4.57649E+06	2000.0	3.64836E-13	101.51	11099
4.57649E+06	3000.0	4.01312E-13	101.09	11099
4.57649E+06	4000.0	4.19830E-13	100.90	11099
4.77927E+06	100.00	1.99699E-14	114.39	12922
4.77927E+06	200.00	4.05582E-14	111.31	12922
4.77927E+06	400.00	6.21695E-14	109.46	12922
4.77927E+06	600.00	8.44883E-14	108.13	12922
4.77927E+06	800.00	1.07177E-13	107.09	12922
4.77927E+06	1000.0	1.29896E-13	106.26	12922
4.77927E+06	1500.0	1.51334E-13	105.60	12922
4.77927E+06	2000.0	1.70094E-13	105.09	12922
4.77927E+06	3000.0	1.82588E-13	104.78	12922
4.77927E+06	4000.0	1.90578E-13	104.59	12922
2.37303E+06	100.00	3.98264E-13	101.13	11416
2.37303E+06	200.00	8.18440E-13	97.998	11416
2.37303E+06	400.00	1.27966E-12	96.057	11416
2.37303E+06	600.00	1.77675E-12	94.632	11416
2.37303E+06	800.00	2.30299E-12	93.505	11416
2.37303E+06	1000.0	2.85033E-12	92.579	11416
2.37303E+06	1500.0	3.41007E-12	91.800	11416
2.37303E+06	2000.0	3.92422E-12	91.191	11416
2.37303E+06	3000.0	4.23755E-12	90.857	11416
2.37303E+06	4000.0	4.36510E-12	90.728	11416

2.54267E+06	100.00	6.36802E-13	99.197	11758
2.54267E+06	200.00	1.29751E-12	96.106	11758
2.54267E+06	400.00	1.99737E-12	94.232	11758
2.54267E+06	600.00	2.72300E-12	92.886	11758
2.54267E+06	800.00	3.45956E-12	91.846	11758
2.54267E+06	1000.0	4.19167E-12	91.013	11758
2.54267E+06	1500.0	4.85047E-12	90.379	11758
2.54267E+06	2000.0	5.37349E-12	89.934	11758
2.54267E+06	3000.0	5.60770E-12	89.749	11758
2.54267E+06	4000.0	5.69211E-12	89.684	11758
5.29030E+06	100.00	5.24662E-15	120.14	12508
5.29030E+06	200.00	1.06939E-14	117.05	12508
5.29030E+06	400.00	1.64913E-14	115.17	12508
5.29030E+06	600.00	2.25612E-14	113.81	12508
5.29030E+06	800.00	2.88189E-14	112.75	12508
5.29030E+06	1000.0	3.51784E-14	111.88	12508
5.29030E+06	1500.0	4.14564E-14	111.17	12508
5.29030E+06	2000.0	4.73401E-14	110.59	12508
5.29030E+06	3000.0	5.24358E-14	110.15	12508
5.29030E+06	4000.0	5.72825E-14	109.76	12508
1.73143E+06	100.00	6.36304E-13	98.980	10370
1.73143E+06	200.00	1.29917E-12	95.880	10370
1.73143E+06	400.00	2.00482E-12	93.996	10370
1.73143E+06	600.00	2.73729E-12	92.643	10370
1.73143E+06	800.00	3.47896E-12	91.602	10370
1.73143E+06	1000.0	4.21206E-12	90.772	10370
1.73143E+06	1500.0	4.85742E-12	90.153	10370
1.73143E+06	2000.0	5.36325E-12	89.722	10370
1.73143E+06	3000.0	5.65449E-12	89.493	10370
1.73143E+06	4000.0	5.90034E-12	89.308	10370

SOURCE LEVEL= 410.00 SOURCE NO 4 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
2.41018E+06	100.00	7.35995E-14	108.54	11936
2.41018E+06	200.00	1.49037E-13	105.48	11936
2.41018E+06	400.00	2.27028E-13	103.65	11936
2.41018E+06	600.00	3.05956E-13	102.36	11936
2.41018E+06	800.00	3.84159E-13	101.37	11936
2.41018E+06	1000.0	4.60030E-13	100.58	11936
2.41018E+06	1500.0	5.24278E-13	100.02	11936
2.41018E+06	2000.0	5.72267E-13	99.636	11936
2.41018E+06	3000.0	5.91395E-13	99.493	11936
2.41018E+06	4000.0	5.97309E-13	99.450	11936
1.63902E+06	100.00	3.05895E-13	102.62	13486
1.63902E+06	200.00	6.19037E-13	99.562	13486
1.63902E+06	400.00	9.42897E-13	97.734	13486
1.63902E+06	600.00	1.27203E-12	96.434	13486
1.63902E+06	800.00	1.60074E-12	95.435	13486
1.63902E+06	1000.0	1.92338E-12	94.638	13486
1.63902E+06	1500.0	2.20892E-12	94.037	13486
1.63902E+06	2000.0	2.43614E-12	93.612	13486
1.63902E+06	3000.0	2.54219E-12	93.427	13486
1.63902E+06	4000.0	2.57803E-12	93.366	13486
2.14931E+06	100.00	3.18455E-13	100.61	5208.4
2.14931E+06	200.00	6.64516E-13	97.414	5208.4
2.14931E+06	400.00	1.05123E-12	95.423	5208.4
2.14931E+06	600.00	1.45330E-12	94.016	5208.4
2.14931E+06	800.00	1.84321E-12	92.984	5208.4
2.14931E+06	1000.0	2.19711E-12	92.221	5208.4
2.14931E+06	1500.0	2.41291E-12	91.814	5208.4
2.14931E+06	2000.0	2.51593E-12	91.633	5208.4
2.14931E+06	3000.0	2.53939E-12	91.592	5208.4
2.14931E+06	4000.0	2.54458E-12	91.583	5208.4

1.41463E+06	100.00	4.32260E-12	90.629	10354
1.41463E+06	200.00	8.85194E-12	87.516	10354
1.41463E+06	400.00	1.37564E-11	85.601	10354
1.41463E+06	600.00	1.89806E-11	84.203	10354
1.41463E+06	800.00	2.44699E-11	83.100	10354
1.41463E+06	1000.0	3.01774E-11	82.190	10354
1.41463E+06	1500.0	3.63061E-11	81.387	10354
1.41463E+06	2000.0	4.28008E-11	80.672	10354
1.41463E+06	3000.0	4.94281E-11	80.047	10354
1.41463E+06	4000.0	5.39892E-11	79.663	10354
2.11318E+06	100.00	1.36572E-13	105.75	11201
2.11318E+06	200.00	2.78041E-13	102.66	11201
2.11318E+06	400.00	4.27416E-13	100.79	11201
2.11318E+06	600.00	5.81850E-13	99.453	11201
2.11318E+06	800.00	7.38270E-13	98.419	11201
2.11318E+06	1000.0	8.93570E-13	97.590	11201
2.11318E+06	1500.0	1.03401E-12	96.956	11201
2.11318E+06	2000.0	1.14802E-12	96.501	11201
2.11318E+06	3000.0	1.20537E-12	96.290	11201
2.11318E+06	4000.0	1.22697E-12	96.212	11201
4.14080E+06	100.00	3.18156E-14	112.40	13083
4.14080E+06	200.00	6.49762E-14	109.30	13083
4.14080E+06	400.00	1.00538E-13	107.40	13083
4.14080E+06	600.00	1.38025E-13	106.03	13083
4.14080E+06	800.00	1.76877E-13	104.95	13083
4.14080E+06	1000.0	2.16471E-13	104.07	13083
4.14080E+06	1500.0	2.55095E-13	103.36	13083
4.14080E+06	2000.0	2.89273E-13	102.81	13083
4.14080E+06	3000.0	3.10601E-13	102.50	13083
4.14080E+06	4000.0	3.23472E-13	102.33	13083

SOURCE LEVEL= 410.00 SOURCE NO 5 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
3.69827E+06	100.00	5.82881E-14	109.37	10842
3.69827E+06	200.00	1.18265E-13	106.29	10842
3.69827E+06	400.00	1.80671E-13	104.45	10842
3.69827E+06	600.00	2.44145E-13	103.15	10842
3.69827E+06	800.00	3.07289E-13	102.15	10842
3.69827E+06	1000.0	3.68776E-13	101.35	10842
3.69827E+06	1500.0	4.21532E-13	100.77	10842
3.69827E+06	2000.0	4.62313E-13	100.37	10842
3.69827E+06	3000.0	4.82978E-13	100.18	10842
3.69827E+06	4000.0	4.93767E-13	100.09	10842
3.32151E+06	100.00	6.53046E-14	109.36	13731
3.32151E+06	200.00	1.32302E-13	106.30	13731
3.32151E+06	400.00	2.01956E-13	104.46	13731
3.32151E+06	600.00	2.73206E-13	103.15	13731
3.32151E+06	800.00	3.44926E-13	102.14	13731
3.32151E+06	1000.0	4.15991E-13	101.32	13731
3.32151E+06	1500.0	4.80987E-13	100.69	13731
3.32151E+06	2000.0	5.35553E-13	100.23	13731
3.32151E+06	3000.0	5.68882E-13	99.964	13731
3.32151E+06	4000.0	5.94397E-13	99.774	13731
1.05598E+06	100.00	3.92070E-12	91.314	12000
1.05598E+06	200.00	7.94416E-12	88.247	12000
1.05598E+06	400.00	1.21159E-11	86.414	12000
1.05598E+06	600.00	1.63533E-11	85.112	12000
1.05598E+06	800.00	2.05705E-11	84.115	12000
1.05598E+06	1000.0	2.46841E-11	83.324	12000
1.05598E+06	1500.0	2.82311E-11	82.741	12000
1.05598E+06	2000.0	3.09526E-11	82.341	12000
1.05598E+06	3000.0	3.21434E-11	82.177	12000
1.05598E+06	4000.0	3.25604E-11	82.121	12000

8.83166E+05	100.00	2.69351E-12	92.833	11400
8.83166E+05	200.00	5.49284E-12	89.739	11400
8.83166E+05	400.00	8.47352E-12	87.856	11400
8.83166E+05	600.00	1.15891E-11	86.496	11400
8.83166E+05	800.00	1.47884E-11	85.437	11400
8.83166E+05	1000.0	1.80187E-11	84.579	11400
8.83166E+05	1500.0	2.11118E-11	83.891	11400
8.83166E+05	2000.0	2.38391E-11	83.364	11400
8.83166E+05	3000.0	2.56116E-11	83.052	11400
8.83166E+05	4000.0	2.66025E-11	82.887	11400
3.77139E+06	100.00	5.80824E-14	109.02	9102.5
3.77139E+06	200.00	1.18509E-13	105.92	9102.5
3.77139E+06	400.00	1.82580E-13	104.05	9102.5
3.77139E+06	600.00	2.48810E-13	102.70	9102.5
3.77139E+06	800.00	3.15764E-13	101.67	9102.5
3.77139E+06	1000.0	3.82246E-13	100.84	9102.5
3.77139E+06	1500.0	4.45058E-13	100.18	9102.5
3.77139E+06	2000.0	5.06097E-13	99.618	9102.5
3.77139E+06	3000.0	5.73410E-13	99.075	9102.5
3.77139E+06	4000.0	6.28619E-13	98.676	9102.5
2.46273E+06	100.00	3.07967E-13	102.47	12588
2.46273E+06	200.00	6.27739E-13	99.379	12588
2.46273E+06	400.00	9.68097E-13	97.497	12588
2.46273E+06	600.00	1.32436E-12	96.136	12588
2.46273E+06	800.00	1.69129E-12	95.074	12588
2.46273E+06	1000.0	2.06342E-12	94.211	12588
2.46273E+06	1500.0	2.42581E-12	93.508	12588
2.46273E+06	2000.0	2.75424E-12	92.956	12588
2.46273E+06	3000.0	2.99765E-12	92.589	12588
2.46273E+06	4000.0	3.17968E-12	92.333	12588

SOURCE LEVEL= 410.00 SOURCE NO 6 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
5.04640E+06	100.00	2.38921E-14	113.50	12376
5.04640E+06	200.00	4.84410E-14	110.43	12376
5.04640E+06	400.00	7.40862E-14	108.59	12376
5.04640E+06	600.00	1.00511E-13	107.26	12376
5.04640E+06	800.00	1.27380E-13	106.23	12376
5.04640E+06	1000.0	1.54349E-13	105.40	12376
5.04640E+06	1500.0	1.80161E-13	104.73	12376
5.04640E+06	2000.0	2.03183E-13	104.21	12376
5.04640E+06	3000.0	2.18332E-13	103.89	12376
5.04640E+06	4000.0	2.26205E-13	103.74	12376
4.82191E+06	100.00	2.84815E-15	122.93	13550
4.82191E+06	200.00	5.77677E-15	119.86	13550
4.82191E+06	400.00	8.84385E-15	118.01	13550
4.82191E+06	600.00	1.20156E-14	116.68	13550
4.82191E+06	800.00	1.52549E-14	115.64	13550
4.82191E+06	1000.0	1.85221E-14	114.80	13550
4.82191E+06	1500.0	2.16857E-14	114.12	13550
4.82191E+06	2000.0	2.45270E-14	113.58	13550
4.82191E+06	3000.0	2.63804E-14	113.26	13550
4.82191E+06	4000.0	2.73636E-14	113.11	13550
1.66495E+06	100.00	2.00261E-13	104.00	10890
1.66495E+06	200.00	4.06164E-13	100.93	10890
1.66495E+06	400.00	6.20969E-13	99.082	10890
1.66495E+06	600.00	8.41229E-13	97.763	10890
1.66495E+06	800.00	1.06335E-12	96.746	10890
1.66495E+06	1000.0	1.28380E-12	95.927	10890
1.66495E+06	1500.0	1.48648E-12	95.291	10890
1.66495E+06	2000.0	1.65794E-12	94.817	10890
1.66495E+06	3000.0	1.75915E-12	94.562	10890
1.66495E+06	4000.0	1.80559E-12	94.446	10890

2.11463E+06	100.00	3.83318E-13	100.89	9254.5
2.11463E+06	200.00	7.79749E-13	97.803	9254.5
2.11463E+06	400.00	1.19560E-12	95.947	9254.5
2.11463E+06	600.00	1.62074E-12	94.626	9254.5
2.11463E+06	800.00	2.04438E-12	93.617	9254.5
2.11463E+06	1000.0	2.45600E-12	92.820	9254.5
2.11463E+06	1500.0	2.79966E-12	92.252	9254.5
2.11463E+06	2000.0	3.04707E-12	91.884	9254.5
2.11463E+06	3000.0	3.13805E-12	91.756	9254.5
2.11463E+06	4000.0	3.18509E-12	91.691	9254.5
5.26316E+06	100.00	8.91909E-15	117.37	9717.2
5.26316E+06	200.00	1.81728E-14	114.28	9717.2
5.26316E+06	400.00	2.79871E-14	112.40	9717.2
5.26316E+06	600.00	3.81979E-14	111.05	9717.2
5.26316E+06	800.00	4.86258E-14	110.00	9717.2
5.26316E+06	1000.0	5.90866E-14	109.16	9717.2
5.26316E+06	1500.0	6.88747E-14	108.49	9717.2
5.26316E+06	2000.0	7.71532E-14	108.00	9717.2
5.26316E+06	3000.0	8.15459E-14	107.76	9717.2
5.26316E+06	4000.0	8.31261E-14	107.67	9717.2
9.83380E+05	100.00	1.93126E-12	94.425	12147
9.83380E+05	200.00	3.91254E-12	91.359	12147
9.83380E+05	400.00	5.97162E-12	89.523	12147
9.83380E+05	600.00	8.07588E-12	88.212	12147
9.83380E+05	800.00	1.01905E-11	87.202	12147
9.83380E+05	1000.0	1.22803E-11	86.392	12147
9.83380E+05	1500.0	1.41664E-11	85.771	12147
9.83380E+05	2000.0	1.57010E-11	85.325	12147
9.83380E+05	3000.0	1.64521E-11	85.122	12147
9.83380E+05	4000.0	1.67220E-11	85.051	12147

SOURCE LEVEL= 410.00 SOURCE NO 7 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
6.59754E+06	100.00	8.68466E-16	127.75	11372
6.59754E+06	200.00	1.77733E-15	124.64	11372
6.59754E+06	400.00	2.75942E-15	122.73	11372
6.59754E+06	600.00	3.80189E-15	121.34	11372
6.59754E+06	800.00	4.88914E-15	120.24	11372
6.59754E+06	1000.0	6.00357E-15	119.35	11372
6.59754E+06	1500.0	7.10450E-15	118.62	11372
6.59754E+06	2000.0	8.08953E-15	118.06	11372
6.59754E+06	3000.0	8.71838E-15	117.73	11372
6.59754E+06	4000.0	9.11152E-15	117.54	11372
6.47485E+06	100.00	5.77238E-15	119.72	12575
6.47485E+06	200.00	1.17818E-14	116.62	12575
6.47485E+06	400.00	1.82283E-14	114.72	12575
6.47485E+06	600.00	2.50508E-14	113.34	12575
6.47485E+06	800.00	3.21755E-14	112.25	12575
6.47485E+06	1000.0	3.95183E-14	111.36	12575
6.47485E+06	1500.0	4.70013E-14	110.61	12575
6.47485E+06	2000.0	5.40509E-14	110.00	12575
6.47485E+06	3000.0	5.90510E-14	109.62	12575
6.47485E+06	4000.0	6.17833E-14	109.42	12575
3.14353E+06	100.00	7.69535E-14	107.24	6643.9
3.14353E+06	200.00	1.58721E-13	104.10	6643.9
3.14353E+06	400.00	2.48584E-13	102.15	6643.9
3.14353E+06	600.00	3.44008E-13	100.74	6643.9
3.14353E+06	800.00	4.42089E-13	99.646	6643.9
3.14353E+06	1000.0	5.39828E-13	98.779	6643.9
3.14353E+06	1500.0	6.25123E-13	98.142	6643.9
3.14353E+06	2000.0	6.87594E-13	97.728	6643.9
3.14353E+06	3000.0	7.09928E-13	97.589	6643.9
3.14353E+06	4000.0	7.22505E-13	97.513	6643.9

3.71499E+06	100.00	4.59266E-14	109.96	8449.3
3.71499E+06	200.00	9.38430E-14	106.85	8449.3
3.71499E+06	400.00	1.44836E-13	104.97	8449.3
3.71499E+06	600.00	1.97512E-13	103.62	8449.3
3.71499E+06	800.00	2.50369E-13	102.59	8449.3
3.71499E+06	1000.0	3.01930E-13	101.78	8449.3
3.71499E+06	1500.0	3.45130E-13	101.20	8449.3
3.71499E+06	2000.0	3.76649E-13	100.82	8449.3
3.71499E+06	3000.0	3.90209E-13	100.66	8449.3
3.71499E+06	4000.0	3.95670E-13	100.60	8449.3
6.91291E+06	100.00	3.40773E-15	121.40	8942.2
6.91291E+06	200.00	7.00119E-15	118.27	8942.2
6.91291E+06	400.00	1.09318E-14	116.34	8942.2
6.91291E+06	600.00	1.51429E-14	114.92	8942.2
6.91291E+06	800.00	1.95691E-14	113.81	8942.2
6.91291E+06	1000.0	2.41412E-14	112.90	8942.2
6.91291E+06	1500.0	2.87877E-14	112.13	8942.2
6.91291E+06	2000.0	3.31690E-14	111.52	8942.2
6.91291E+06	3000.0	3.63657E-14	111.12	8942.2
6.91291E+06	4000.0	3.80432E-14	110.92	8942.2
7.64102E+05	100.00	1.10079E-11	85.848	7560.0
7.64102E+05	200.00	2.25858E-11	82.727	7560.0
7.64102E+05	400.00	3.50711E-11	80.816	7560.0
7.64102E+05	600.00	4.80913E-11	79.445	7560.0
7.64102E+05	800.00	6.12312E-11	78.396	7560.0
7.64102E+05	1000.0	7.40761E-11	77.569	7560.0
7.64102E+05	1500.0	8.47406E-11	76.984	7560.0
7.64102E+05	2000.0	9.24026E-11	76.609	7560.0
7.64102E+05	3000.0	9.67645E-11	76.408	7560.0
7.64102E+05	4000.0	1.01164E-10	76.215	7560.0

SOURCE LEVEL= 410.00 SOURCE NO 8 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
5.93999E+06	100.00	7.16221E-16	128.28	9720.0
5.93999E+06	200.00	1.45662E-15	125.20	9720.0
5.93999E+06	400.00	2.23358E-15	123.34	9720.0
5.93999E+06	600.00	3.03056E-15	122.02	9720.0
5.93999E+06	800.00	3.83165E-15	121.00	9720.0
5.93999E+06	1000.0	4.62337E-15	120.18	9720.0
5.93999E+06	1500.0	5.36092E-15	119.54	9720.0
5.93999E+06	2000.0	6.06148E-15	119.00	9720.0
5.93999E+06	3000.0	6.85563E-15	118.47	9720.0
5.93999E+06	4000.0	7.64272E-15	118.00	9720.0
5.28659E+06	100.00	1.00991E-14	115.72	5695.3
5.28659E+06	200.00	2.09117E-14	112.56	5695.3
5.28659E+06	400.00	3.27380E-14	110.62	5695.3
5.28659E+06	600.00	4.49018E-14	109.24	5695.3
5.28659E+06	800.00	5.66924E-14	108.23	5695.3
5.28659E+06	1000.0	6.75063E-14	107.47	5695.3
5.28659E+06	1500.0	7.47769E-14	107.03	5695.3
5.28659E+06	2000.0	7.95930E-14	106.76	5695.3
5.28659E+06	3000.0	8.30514E-14	106.57	5695.3
5.28659E+06	4000.0	8.65088E-14	106.40	5695.3
1.64599E+06	100.00	1.05342E-12	95.698	6236.5
1.64599E+06	200.00	2.18099E-12	92.537	6236.5
1.64599E+06	400.00	3.42193E-12	90.581	6236.5
1.64599E+06	600.00	4.71685E-12	89.187	6236.5
1.64599E+06	800.00	5.99897E-12	88.143	6236.5
1.64599E+06	1000.0	7.20490E-12	87.348	6236.5
1.64599E+06	1500.0	8.04520E-12	86.869	6236.5
1.64599E+06	2000.0	8.51851E-12	86.620	6236.5
1.64599E+06	3000.0	8.74040E-12	86.509	6236.5
1.64599E+06	4000.0	8.91794E-12	86.421	6236.5

2.37091E+06	100.00	2.52522E-13	101.23	4091.3
2.37091E+06	200.00	5.36636E-13	97.958	4091.3
2.37091E+06	400.00	8.69012E-13	95.864	4091.3
2.37091E+06	600.00	1.21937E-12	94.393	4091.3
2.37091E+06	800.00	1.55253E-12	93.344	4091.3
2.37091E+06	1000.0	1.83869E-12	92.609	4091.3
2.37091E+06	1500.0	1.96532E-12	92.320	4091.3
2.37091E+06	2000.0	1.99651E-12	92.252	4091.3
2.37091E+06	3000.0	1.99758E-12	92.249	4091.3
2.37091E+06	4000.0	1.99771E-12	92.249	4091.3
5.62200E+06	100.00	2.20804E-15	121.99	4638.2
5.62200E+06	200.00	4.63319E-15	118.77	4638.2
5.62200E+06	400.00	7.37971E-15	116.75	4638.2
5.62200E+06	600.00	1.02518E-14	115.32	4638.2
5.62200E+06	800.00	1.30516E-14	114.28	4638.2
5.62200E+06	1000.0	1.56427E-14	113.49	4638.2
5.62200E+06	1500.0	1.77909E-14	112.93	4638.2
5.62200E+06	2000.0	2.03170E-14	112.35	4638.2
5.62200E+06	3000.0	2.25427E-14	111.90	4638.2
5.62200E+06	4000.0	2.31104E-14	111.79	4638.2
1.23009E+06	100.00	1.46300E-12	94.271	6115.5
1.23009E+06	200.00	3.04136E-12	91.093	6115.5
1.23009E+06	400.00	4.80947E-12	89.103	6115.5
1.23009E+06	600.00	6.69557E-12	87.666	6115.5
1.23009E+06	800.00	8.61787E-12	86.570	6115.5
1.23009E+06	1000.0	1.04979E-11	85.713	6115.5
1.23009E+06	1500.0	1.20398E-11	85.118	6115.5
1.23009E+06	2000.0	1.31483E-11	84.735	6115.5
1.23009E+06	3000.0	1.36140E-11	84.584	6115.5
1.23009E+06	4000.0	1.41835E-11	84.406	6115.5

SOURCE LEVEL= 610.00 SOURCE NO 1 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.49717E+06	100.00	5.96273E-13	99.487	12579
1.49717E+06	200.00	1.21529E-12	96.395	12579
1.49717E+06	400.00	1.87378E-12	94.515	12579
1.49717E+06	600.00	2.56256E-12	93.155	12579
1.49717E+06	800.00	3.27156E-12	92.094	12579
1.49717E+06	1000.0	3.99044E-12	91.232	12579
1.49717E+06	1500.0	4.69286E-12	90.527	12579
1.49717E+06	2000.0	5.33765E-12	89.968	12579
1.49717E+06	3000.0	5.84192E-12	89.576	12579
1.49717E+06	4000.0	6.22660E-12	89.299	12579
2.37579E+06	100.00	1.05445E-13	107.01	12342
2.37579E+06	200.00	2.14632E-13	103.92	12342
2.37579E+06	400.00	3.29982E-13	102.06	12342
2.37579E+06	600.00	4.49477E-13	100.71	12342
2.37579E+06	800.00	5.70891E-13	99.676	12342
2.37579E+06	1000.0	6.91929E-13	98.841	12342
2.37579E+06	1500.0	8.02805E-13	98.196	12342
2.37579E+06	2000.0	8.94467E-13	97.726	12342
2.37579E+06	3000.0	9.47485E-13	97.476	12342
2.37579E+06	4000.0	9.83739E-13	97.313	12342
3.29198E+06	100.00	8.18336E-15	116.92	6627.2
3.29198E+06	200.00	1.68989E-14	113.77	6627.2
3.29198E+06	400.00	2.64083E-14	111.83	6627.2
3.29198E+06	600.00	3.62730E-14	110.45	6627.2
3.29198E+06	800.00	4.60226E-14	109.41	6627.2
3.29198E+06	1000.0	5.52282E-14	108.62	6627.2
3.29198E+06	1500.0	6.19354E-14	108.12	6627.2
3.29198E+06	2000.0	6.60395E-14	107.85	6627.2
3.29198E+06	3000.0	6.72855E-14	107.77	6627.2
3.29198E+06	4000.0	6.75863E-14	107.75	6627.2

2.68715E+06	100.00	1.91895E-13	103.48	7496.7
2.68715E+06	200.00	3.96751E-13	100.33	7496.7
2.68715E+06	400.00	6.22426E-13	98.371	7496.7
2.68715E+06	600.00	8.60104E-13	96.966	7496.7
2.68715E+06	800.00	1.09952E-12	95.900	7496.7
2.68715E+06	1000.0	1.33034E-12	95.072	7496.7
2.68715E+06	1500.0	1.50551E-12	94.535	7496.7
2.68715E+06	2000.0	1.61087E-12	94.241	7496.7
2.68715E+06	3000.0	1.63923E-12	94.165	7496.7
2.68715E+06	4000.0	1.64974E-12	94.138	7496.7
2.95588E+06	100.00	4.52453E-14	110.47	10993
2.95588E+06	200.00	9.23579E-14	107.37	10993
2.95588E+06	400.00	1.42587E-13	105.49	10993
2.95588E+06	600.00	1.94990E-13	104.13	10993
2.95588E+06	800.00	2.48547E-13	103.07	10993
2.95588E+06	1000.0	3.02240E-13	102.22	10993
2.95588E+06	1500.0	3.52474E-13	101.56	10993
2.95588E+06	2000.0	3.95905E-13	101.05	10993
2.95588E+06	3000.0	4.24364E-13	100.75	10993
2.95588E+06	4000.0	4.39784E-13	100.59	10993
4.56849E+06	100.00	2.46838E-14	113.32	12062
4.56849E+06	200.00	5.04216E-14	110.22	12062
4.56849E+06	400.00	7.80042E-14	108.32	12062
4.56849E+06	600.00	1.07018E-13	106.95	12062
4.56849E+06	800.00	1.37000E-13	105.87	12062
4.56849E+06	1000.0	1.67466E-13	105.00	12062
4.56849E+06	1500.0	1.97201E-13	104.29	12062
4.56849E+06	2000.0	2.24276E-13	103.73	12062
4.56849E+06	3000.0	2.45167E-13	103.35	12062
4.56849E+06	4000.0	2.61895E-13	103.06	12062

SOURCE LEVEL= 610.00 SOURCE NO 2 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.06528E+06	100.00	5.72975E-14	109.65	12444
3.06528E+06	200.00	1.16289E-13	106.57	12444
3.06528E+06	400.00	1.77956E-13	104.73	12444
3.06528E+06	600.00	2.41266E-13	103.40	12444
3.06528E+06	800.00	3.05142E-13	102.38	12444
3.06528E+06	1000.0	3.68535E-13	101.56	12444
3.06528E+06	1500.0	4.26932E-13	100.93	12444
3.06528E+06	2000.0	4.77433E-13	100.44	12444
3.06528E+06	3000.0	5.15658E-13	100.11	12444
3.06528E+06	4000.0	5.49899E-13	99.826	12444
3.48955E+06	100.00	4.89629E-14	109.74	8939.6
3.48955E+06	200.00	9.99437E-14	106.64	8939.6
3.48955E+06	400.00	1.53854E-13	104.77	8939.6
3.48955E+06	600.00	2.09012E-13	103.44	8939.6
3.48955E+06	800.00	2.63634E-13	102.43	8939.6
3.48955E+06	1000.0	3.16011E-13	101.64	8939.6
3.48955E+06	1500.0	3.57161E-13	101.11	8939.6
3.48955E+06	2000.0	3.84222E-13	100.80	8939.6
3.48955E+06	3000.0	3.93474E-13	100.69	8939.6
3.48955E+06	4000.0	4.02734E-13	100.59	8939.6
2.44635E+06	100.00	2.32689E-13	103.67	12767
2.44635E+06	200.00	4.72187E-13	100.60	12767
2.44635E+06	400.00	7.22405E-13	98.749	12767
2.44635E+06	600.00	9.79063E-13	97.429	12767
2.44635E+06	800.00	1.23760E-12	96.411	12767
2.44635E+06	1000.0	1.49343E-12	95.595	12767
2.44635E+06	1500.0	1.72467E-12	94.970	12767
2.44635E+06	2000.0	1.91435E-12	94.517	12767
2.44635E+06	3000.0	2.01994E-12	94.284	12767
2.44635E+06	4000.0	2.07950E-12	94.158	12767

2.14987E+06	100.00	4.18445E-13	101.28	13901
2.14987E+06	200.00	8.49252E-13	98.205	13901
2.14987E+06	400.00	1.30060E-12	96.354	13901
2.14987E+06	600.00	1.76632E-12	95.024	13901
2.14987E+06	800.00	2.23980E-12	93.993	13901
2.14987E+06	1000.0	2.71432E-12	93.159	13901
2.14987E+06	1500.0	3.16456E-12	92.492	13901
2.14987E+06	2000.0	3.56259E-12	91.978	13901
2.14987E+06	3000.0	3.83899E-12	91.653	13901
2.14987E+06	4000.0	4.04023E-12	91.431	13901
4.04348E+06	100.00	8.84952E-15	117.17	9132.9
4.04348E+06	200.00	1.80815E-14	114.07	9132.9
4.04348E+06	400.00	2.79016E-14	112.18	9132.9
4.04348E+06	600.00	3.80371E-14	110.84	9132.9
4.04348E+06	800.00	4.81938E-14	109.81	9132.9
4.04348E+06	1000.0	5.80823E-14	109.00	9132.9
4.04348E+06	1500.0	6.62859E-14	108.43	9132.9
4.04348E+06	2000.0	7.21194E-14	108.06	9132.9
4.04348E+06	3000.0	7.42661E-14	107.93	9132.9
4.04348E+06	4000.0	7.51474E-14	107.88	9132.9
3.07938E+06	100.00	1.93369E-13	104.14	11018
3.07938E+06	200.00	3.93136E-13	101.06	11018
3.07938E+06	400.00	6.02616E-13	99.203	11018
3.07938E+06	600.00	8.17224E-13	97.880	11018
3.07938E+06	800.00	1.03210E-12	96.866	11018
3.07938E+06	1000.0	1.24245E-12	96.060	11018
3.07938E+06	1500.0	1.42406E-12	95.468	11018
3.07938E+06	2000.0	1.56333E-12	95.063	11018
3.07938E+06	3000.0	1.63063E-12	94.879	11018
3.07938E+06	4000.0	1.66537E-12	94.788	11018

SOURCE LEVEL= 610.00 SOURCE NO 3 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.57649E+06	100.00	1.34374E-14	115.80	11099
4.57649E+06	200.00	2.72910E-14	112.72	11099
4.57649E+06	400.00	4.17611E-14	110.87	11099
4.57649E+06	600.00	5.65352E-14	109.56	11099
4.57649E+06	800.00	7.12926E-14	108.55	11099
4.57649E+06	1000.0	8.57287E-14	107.75	11099
4.57649E+06	1500.0	9.83178E-14	107.16	11099
4.57649E+06	2000.0	1.08333E-13	106.73	11099
4.57649E+06	3000.0	1.13946E-13	106.51	11099
4.57649E+06	4000.0	1.16991E-13	106.40	11099
4.77927E+06	100.00	3.50592E-15	121.90	12922
4.77927E+06	200.00	7.08613E-15	118.84	12922
4.77927E+06	400.00	1.07670E-14	117.03	12922
4.77927E+06	600.00	1.44808E-14	115.74	12922
4.77927E+06	800.00	1.81593E-14	114.76	12922
4.77927E+06	1000.0	2.17371E-14	113.98	12922
4.77927E+06	1500.0	2.48309E-14	113.40	12922
4.77927E+06	2000.0	2.72595E-14	112.99	12922
4.77927E+06	3000.0	2.85383E-14	112.79	12922
4.77927E+06	4000.0	2.93489E-14	112.67	12922
2.37303E+06	100.00	1.72779E-13	104.71	11416
2.37303E+06	200.00	3.53041E-13	101.60	11416
2.37303E+06	400.00	5.46673E-13	99.704	11416
2.37303E+06	600.00	7.51273E-13	98.323	11416
2.37303E+06	800.00	9.64301E-13	97.239	11416
2.37303E+06	1000.0	1.18331E-12	96.350	11416
2.37303E+06	1500.0	1.40887E-12	95.593	11416
2.37303E+06	2000.0	1.63555E-12	94.945	11416
2.37303E+06	3000.0	1.86735E-12	94.369	11416
2.37303E+06	4000.0	2.08300E-12	93.895	11416

2.54267E+06	100.00	1.70199E-13	104.88	11758
2.54267E+06	200.00	3.47018E-13	101.79	11758
2.54267E+06	400.00	5.34943E-13	99.907	11758
2.54267E+06	600.00	7.30665E-13	98.553	11758
2.54267E+06	800.00	9.30493E-13	97.503	11758
2.54267E+06	1000.0	1.13058E-12	96.657	11758
2.54267E+06	1500.0	1.31556E-12	95.999	11758
2.54267E+06	2000.0	1.46919E-12	95.519	11758
2.54267E+06	3000.0	1.55336E-12	95.277	11758
2.54267E+06	4000.0	1.60297E-12	95.141	11758
5.29030E+06	100.00	5.01995E-15	120.29	12508
5.29030E+06	200.00	1.01599E-14	117.23	12508
5.29030E+06	400.00	1.54660E-14	115.40	12508
5.29030E+06	600.00	2.08332E-14	114.11	12508
5.29030E+06	800.00	2.61535E-14	113.12	12508
5.29030E+06	1000.0	3.13235E-14	112.34	12508
5.29030E+06	1500.0	3.57472E-14	111.76	12508
5.29030E+06	2000.0	3.91328E-14	111.37	12508
5.29030E+06	3000.0	4.06897E-14	111.20	12508
5.29030E+06	4000.0	4.14047E-14	111.13	12508
1.73143E+06	100.00	4.72296E-13	100.11	10370
1.73143E+06	200.00	9.70567E-13	96.986	10370
1.73143E+06	400.00	1.51511E-12	95.051	10370
1.73143E+06	600.00	2.09597E-12	93.642	10370
1.73143E+06	800.00	2.70084E-12	92.541	10370
1.73143E+06	1000.0	3.31581E-12	91.650	10370
1.73143E+06	1500.0	3.89075E-12	90.952	10370
1.73143E+06	2000.0	4.36344E-12	90.457	10370
1.73143E+06	3000.0	4.57000E-12	90.257	10370
1.73143E+06	4000.0	4.63346E-12	90.197	10370

SOURCE LEVEL= 610.00 SOURCE NO 4 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.41018E+06	100.00	1.20932E-13	106.34	11936
2.41018E+06	200.00	2.45815E-13	103.26	11936
2.41018E+06	400.00	3.76943E-13	101.40	11936
2.41018E+06	600.00	5.11842E-13	100.08	11936
2.41018E+06	800.00	6.47848E-13	99.053	11936
2.41018E+06	1000.0	7.82280E-13	98.234	11936
2.41018E+06	1500.0	9.02384E-13	97.613	11936
2.41018E+06	2000.0	9.98445E-13	97.174	11936
2.41018E+06	3000.0	1.04604E-12	96.972	11936
2.41018E+06	4000.0	1.06706E-12	96.886	11936
1.63902E+06	100.00	8.99856E-13	97.892	13486
1.63902E+06	200.00	1.82403E-12	94.824	13486
1.63902E+06	400.00	2.78653E-12	92.983	13486
1.63902E+06	600.00	3.77229E-12	91.668	13486
1.63902E+06	800.00	4.76539E-12	90.653	13486
1.63902E+06	1000.0	5.74987E-12	89.837	13486
1.63902E+06	1500.0	6.64977E-12	89.206	13486
1.63902E+06	2000.0	7.40107E-12	88.741	13486
1.63902E+06	3000.0	7.82123E-12	88.501	13486
1.63902E+06	4000.0	8.03085E-12	88.386	13486
2.14931E+06	100.00	1.43306E-13	104.03	5208.4
2.14931E+06	200.00	3.01833E-13	100.80	5208.4
2.14931E+06	400.00	4.84959E-13	98.738	5208.4
2.14931E+06	600.00	6.80928E-13	97.264	5208.4
2.14931E+06	800.00	8.75308E-13	96.173	5208.4
2.14931E+06	1000.0	1.05414E-12	95.366	5208.4
2.14931E+06	1500.0	1.15944E-12	94.952	5208.4
2.14931E+06	2000.0	1.20047E-12	94.801	5208.4
2.14931E+06	3000.0	1.20986E-12	94.767	5208.4
2.14931E+06	4000.0	1.21823E-12	94.737	5208.4

1.41463E+06	100.00	7.10950E-13	98.423	10354
1.41463E+06	200.00	1.45568E-12	95.311	10354
1.41463E+06	400.00	2.25821E-12	93.404	10354
1.41463E+06	600.00	3.10264E-12	92.024	10354
1.41463E+06	800.00	3.97044E-12	90.953	10354
1.41463E+06	1000.0	4.88168E-12	90.092	10354
1.41463E+06	1500.0	5.63764E-12	89.431	10354
1.41463E+06	2000.0	6.26982E-12	88.969	10354
1.41463E+06	3000.0	6.53857E-12	88.787	10354
1.41463E+06	4000.0	6.62012E-12	88.733	10354
2.11318E+06	100.00	2.04771E-13	103.94	11201
2.11318E+06	200.00	4.18214E-13	100.84	11201
2.11318E+06	400.00	6.46338E-13	98.951	11201
2.11318E+06	600.00	8.84964E-13	97.587	11201
2.11318E+06	800.00	1.12942E-12	96.527	11201
2.11318E+06	1000.0	1.37487E-12	95.673	11201
2.11318E+06	1500.0	1.60386E-12	95.004	11201
2.11318E+06	2000.0	1.79915E-12	94.505	11201
2.11318E+06	3000.0	1.93238E-12	94.195	11201
2.11318E+06	4000.0	2.04344E-12	93.952	11201
4.14080E+06	100.00	1.89063E-14	114.62	13083
4.14080E+06	200.00	3.82665E-14	111.55	13083
4.14080E+06	400.00	5.82983E-14	109.73	13083
4.14080E+06	600.00	7.86651E-14	108.42	13083
4.14080E+06	800.00	9.90210E-14	107.42	13083
4.14080E+06	1000.0	1.19031E-13	106.63	13083
4.14080E+06	1500.0	1.36941E-13	106.02	13083
4.14080E+06	2000.0	1.51666E-13	105.57	13083
4.14080E+06	3000.0	1.60119E-13	105.34	13083
4.14080E+06	4000.0	1.64633E-13	105.22	13083

SOURCE LEVEL= 610.00 SOURCE NO 5 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.69827E+06	100.00	1.69567E-14	114.68	10842
3.69827E+06	200.00	3.43981E-14	111.61	10842
3.69827E+06	400.00	5.25121E-14	109.78	10842
3.69827E+06	600.00	7.08688E-14	108.47	10842
3.69827E+06	800.00	8.90256E-14	107.48	10842
3.69827E+06	1000.0	1.06562E-13	106.70	10842
3.69827E+06	1500.0	1.21122E-13	106.15	10842
3.69827E+06	2000.0	1.31851E-13	105.78	10842
3.69827E+06	3000.0	1.37605E-13	105.59	10842
3.69827E+06	4000.0	1.43593E-13	105.41	10842
3.32151E+06	100.00	4.80449E-14	110.65	13731
3.32151E+06	200.00	9.76096E-14	107.58	13731
3.32151E+06	400.00	1.49716E-13	105.72	13731
3.32151E+06	600.00	2.03615E-13	104.38	13731
3.32151E+06	800.00	2.58488E-13	103.35	13731
3.32151E+06	1000.0	3.13489E-13	102.51	13731
3.32151E+06	1500.0	3.65305E-13	101.84	13731
3.32151E+06	2000.0	4.10078E-13	101.34	13731
3.32151E+06	3000.0	4.37258E-13	101.06	13731
3.32151E+06	4000.0	4.51376E-13	100.92	13731
1.05598E+06	100.00	7.38603E-12	88.520	12000
1.05598E+06	200.00	1.49865E-11	85.447	12000
1.05598E+06	400.00	2.29143E-11	83.603	12000
1.05598E+06	600.00	3.10211E-11	82.287	12000
1.05598E+06	800.00	3.91502E-11	81.277	12000
1.05598E+06	1000.0	4.71468E-11	80.469	12000
1.05598E+06	1500.0	5.42276E-11	79.862	12000
1.05598E+06	2000.0	5.98695E-11	79.432	12000
1.05598E+06	3000.0	6.27181E-11	79.230	12000
1.05598E+06	4000.0	6.40349E-11	79.140	12000

8.83166E+05	100.00	4.90296E-12	90.188	11400
8.83166E+05	200.00	1.00133E-11	87.087	11400
8.83166E+05	400.00	1.54778E-11	85.195	11400
8.83166E+05	600.00	2.11998E-11	83.829	11400
8.83166E+05	800.00	2.70687E-11	82.768	11400
8.83166E+05	1000.0	3.29665E-11	81.912	11400
8.83166E+05	1500.0	3.84404E-11	81.245	11400
8.83166E+05	2000.0	4.29620E-11	80.762	11400
8.83166E+05	3000.0	4.53319E-11	80.528	11400
8.83166E+05	4000.0	4.65521E-11	80.413	11400
3.77139E+06	100.00	1.90283E-14	113.82	9102.5
3.77139E+06	200.00	3.87532E-14	110.73	9102.5
3.77139E+06	400.00	5.94442E-14	108.87	9102.5
3.77139E+06	600.00	8.04651E-14	107.56	9102.5
3.77139E+06	800.00	1.01154E-13	106.57	9102.5
3.77139E+06	1000.0	1.20889E-13	105.79	9102.5
3.77139E+06	1500.0	1.36264E-13	105.27	9102.5
3.77139E+06	2000.0	1.46472E-13	104.96	9102.5
3.77139E+06	3000.0	1.51444E-13	104.81	9102.5
3.77139E+06	4000.0	1.58104E-13	104.63	9102.5
2.46273E+06	100.00	4.46736E-13	100.81	12588
2.46273E+06	200.00	9.05850E-13	97.742	12588
2.46273E+06	400.00	1.38423E-12	95.900	12588
2.46273E+06	600.00	1.87390E-12	94.585	12588
2.46273E+06	800.00	2.36650E-12	93.571	12588
2.46273E+06	1000.0	2.85374E-12	92.758	12588
2.46273E+06	1500.0	3.29579E-12	92.133	12588
2.46273E+06	2000.0	3.66236E-12	91.675	12588
2.46273E+06	3000.0	3.86999E-12	91.435	12588
2.46273E+06	4000.0	3.97810E-12	91.316	12588

SOURCE LEVEL= 610.00 SOURCE NO 6 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
5.04640E+06	100.00	1.57676E-14	115.31	12376
5.04640E+06	200.00	3.19404E-14	112.24	12376
5.04640E+06	400.00	4.87002E-14	110.41	12376
5.04640E+06	600.00	6.57247E-14	109.11	12376
5.04640E+06	800.00	8.26808E-14	108.11	12376
5.04640E+06	1000.0	9.92452E-14	107.32	12376
5.04640E+06	1500.0	1.13649E-13	106.73	12376
5.04640E+06	2000.0	1.24911E-13	106.32	12376
5.04640E+06	3000.0	1.30419E-13	106.13	12376
5.04640E+06	4000.0	1.33057E-13	106.05	12376
4.82191E+06	100.00	2.52337E-14	113.42	13550
4.82191E+06	200.00	5.10527E-14	110.36	13550
4.82191E+06	400.00	7.77373E-14	108.54	13550
4.82191E+06	600.00	1.04852E-13	107.24	13550
4.82191E+06	800.00	1.31948E-13	106.24	13550
4.82191E+06	1000.0	1.58588E-13	105.44	13550
4.82191E+06	1500.0	1.82463E-13	104.83	13550
4.82191E+06	2000.0	2.02163E-13	104.39	13550
4.82191E+06	3000.0	2.14174E-13	104.14	13550
4.82191E+06	4000.0	2.22784E-13	103.96	13550
1.66495E+06	100.00	9.50849E-13	97.170	10890
1.66495E+06	200.00	1.93890E-12	94.076	10890
1.66495E+06	400.00	2.98814E-12	92.197	10890
1.66495E+06	600.00	4.07836E-12	90.846	10890
1.66495E+06	800.00	5.18743E-12	89.802	10890
1.66495E+06	1000.0	6.29290E-12	88.963	10890
1.66495E+06	1500.0	7.30240E-12	88.317	10890
1.66495E+06	2000.0	8.13581E-12	87.847	10890
1.66495E+06	3000.0	8.60596E-12	87.603	10890
1.66495E+06	4000.0	8.83904E-12	87.487	10890

2.11463E+06	100.00	9.05668E-14	107.14	9254.5
2.11463E+06	200.00	1.83914E-13	104.07	9254.5
2.11463E+06	400.00	2.80742E-13	102.23	9254.5
2.11463E+06	600.00	3.78060E-13	100.94	9254.5
2.11463E+06	800.00	4.72874E-13	99.966	9254.5
2.11463E+06	1000.0	5.62476E-13	99.212	9254.5
2.11463E+06	1500.0	6.31061E-13	98.713	9254.5
2.11463E+06	2000.0	6.76258E-13	98.412	9254.5
2.11463E+06	3000.0	6.95847E-13	98.288	9254.5
2.11463E+06	4000.0	7.15222E-13	98.169	9254.5
5.26316E+06	100.00	1.94577E-14	113.82	9717.2
5.26316E+06	200.00	3.99598E-14	110.70	9717.2
5.26316E+06	400.00	6.23523E-14	108.76	9717.2
5.26316E+06	600.00	8.63001E-14	107.35	9717.2
5.26316E+06	800.00	1.11401E-13	106.24	9717.2
5.26316E+06	1000.0	1.37209E-13	105.34	9717.2
5.26316E+06	1500.0	1.62743E-13	104.60	9717.2
5.26316E+06	2000.0	1.85349E-13	104.03	9717.2
5.26316E+06	3000.0	1.97792E-13	103.75	9717.2
5.26316E+06	4000.0	2.01812E-13	103.66	9717.2
9.83380E+05	100.00	2.05681E-12	94.045	12147
9.83380E+05	200.00	4.21257E-12	90.931	12147
9.83380E+05	400.00	6.55177E-12	89.013	12147
9.83380E+05	600.00	9.04939E-12	87.611	12147
9.83380E+05	800.00	1.16744E-11	86.505	12147
9.83380E+05	1000.0	1.43909E-11	85.596	12147
9.83380E+05	1500.0	1.71643E-11	84.831	12147
9.83380E+05	2000.0	1.97608E-11	84.219	12147
9.83380E+05	3000.0	2.15965E-11	83.833	12147
9.83380E+05	4000.0	2.26761E-11	83.621	12147

SOURCE LEVEL= 610.00 SOURCE NO 7 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
6.59754E+06	100.00	1.39663E-15	125.68	11372
6.59754E+06	200.00	2.84709E-15	122.59	11372
6.59754E+06	400.00	4.38648E-15	120.71	11372
6.59754E+06	600.00	5.98609E-15	119.36	11372
6.59754E+06	800.00	7.61433E-15	118.32	11372
6.59754E+06	1000.0	9.23887E-15	117.48	11372
6.59754E+06	1500.0	1.07257E-14	116.83	11372
6.59754E+06	2000.0	1.19490E-14	116.36	11372
6.59754E+06	3000.0	1.26047E-14	116.13	11372
6.59754E+06	4000.0	1.29250E-14	116.02	11372
6.47485E+06	100.00	4.65179E-15	120.62	12575
6.47485E+06	200.00	9.51364E-15	117.51	12575
6.47485E+06	400.00	1.47517E-14	115.60	12575
6.47485E+06	600.00	2.02933E-14	114.22	12575
6.47485E+06	800.00	2.60520E-14	113.13	12575
6.47485E+06	1000.0	3.19321E-14	112.25	12575
6.47485E+06	1500.0	3.76836E-14	111.53	12575
6.47485E+06	2000.0	4.27756E-14	110.98	12575
6.47485E+06	3000.0	4.58737E-14	110.68	12575
6.47485E+06	4000.0	4.73716E-14	110.54	12575
3.14353E+06	100.00	2.19091E-13	102.64	6643.9
3.14353E+06	200.00	4.54346E-13	99.470	6643.9
3.14353E+06	400.00	7.15484E-13	97.498	6643.9
3.14353E+06	600.00	9.91380E-13	96.081	6643.9
3.14353E+06	800.00	1.26931E-12	95.008	6643.9
3.14353E+06	1000.0	1.53686E-12	94.177	6643.9
3.14353E+06	1500.0	1.73999E-12	93.638	6643.9
3.14353E+06	2000.0	1.86482E-12	93.337	6643.9
3.14353E+06	3000.0	1.89770E-12	93.262	6643.9
3.14353E+06	4000.0	1.90516E-12	93.244	6643.9

3.71499E+06	100.00	3.85050E-14	110.58	8449.3
3.71499E+06	200.00	7.99159E-14	107.41	8449.3
3.71499E+06	400.00	1.26765E-13	105.41	8449.3
3.71499E+06	600.00	1.78243E-13	103.93	8449.3
3.71499E+06	800.00	2.33196E-13	102.76	8449.3
3.71499E+06	1000.0	2.90200E-13	101.81	8449.3
3.71499E+06	1500.0	3.45299E-13	101.06	8449.3
3.71499E+06	2000.0	3.89705E-13	100.53	8449.3
3.71499E+06	3000.0	4.06184E-13	100.35	8449.3
3.71499E+06	4000.0	4.09267E-13	100.32	8449.3
6.91291E+06	100.00	5.48796E-15	119.17	8942.2
6.91291E+06	200.00	1.13548E-14	116.01	8942.2
6.91291E+06	400.00	1.79031E-14	114.03	8942.2
6.91291E+06	600.00	2.49864E-14	112.59	8942.2
6.91291E+06	800.00	3.24128E-14	111.46	8942.2
6.91291E+06	1000.0	3.99603E-14	110.55	8942.2
6.91291E+06	1500.0	4.68245E-14	109.86	8942.2
6.91291E+06	2000.0	5.19765E-14	109.40	8942.2
6.91291E+06	3000.0	5.36271E-14	109.27	8942.2
6.91291E+06	4000.0	5.39090E-14	109.25	8942.2
7.64102E+05	100.00	1.09858E-11	85.903	7560.0
7.64102E+05	200.00	2.28163E-11	82.729	7560.0
7.64102E+05	400.00	3.61766E-11	80.727	7560.0
7.64102E+05	600.00	5.07685E-11	79.255	7560.0
7.64102E+05	800.00	6.62219E-11	78.101	7560.0
7.64102E+05	1000.0	8.21341E-11	77.166	7560.0
7.64102E+05	1500.0	9.75175E-11	76.420	7560.0
7.64102E+05	2000.0	1.10524E-10	75.877	7560.0
7.64102E+05	3000.0	1.16659E-10	75.642	7560.0
7.64102E+05	4000.0	1.18460E-10	75.575	7560.0

SOURCE LEVEL= 610.00 SOURCE NO 8 GROUP 2

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
5.93999E+06	100.00	9.19247E-15	117.15	9720.0
5.93999E+06	200.00	1.87471E-14	114.05	9720.0
5.93999E+06	400.00	2.88026E-14	112.19	9720.0
5.93999E+06	600.00	3.90230E-14	110.87	9720.0
5.93999E+06	800.00	4.90559E-14	109.87	9720.0
5.93999E+06	1000.0	5.85693E-14	109.10	9720.0
5.93999E+06	1500.0	6.57353E-14	108.60	9720.0
5.93999E+06	2000.0	7.01113E-14	108.32	9720.0
5.93999E+06	3000.0	7.11033E-14	108.26	9720.0
5.93999E+06	4000.0	7.15945E-14	108.23	9720.0
5.28659E+06	100.00	1.31116E-14	114.62	5695.3
5.28659E+06	200.00	2.75644E-14	111.40	5695.3
5.28659E+06	400.00	4.41611E-14	109.35	5695.3
5.28659E+06	600.00	6.18843E-14	107.88	5695.3
5.28659E+06	800.00	7.95662E-14	106.79	5695.3
5.28659E+06	1000.0	9.61583E-14	105.97	5695.3
5.28659E+06	1500.0	1.07697E-13	105.48	5695.3
5.28659E+06	2000.0	1.14462E-13	105.21	5695.3
5.28659E+06	3000.0	1.15745E-13	105.16	5695.3
5.28659E+06	4000.0	1.15916E-13	105.16	5695.3
1.64599E+06	100.00	1.55975E-12	93.996	6236.5
1.64599E+06	200.00	3.26118E-12	90.793	6236.5
1.64599E+06	400.00	5.18770E-12	88.777	6236.5
1.64599E+06	600.00	7.23061E-12	87.335	6236.5
1.64599E+06	800.00	9.26126E-12	86.260	6236.5
1.64599E+06	1000.0	1.11557E-11	85.452	6236.5
1.64599E+06	1500.0	1.23794E-11	85.000	6236.5
1.64599E+06	2000.0	1.29509E-11	84.804	6236.5
1.64599E+06	3000.0	1.30873E-11	84.758	6236.5
1.64599E+06	4000.0	1.32147E-11	84.716	6236.5

2.37091E+06	100.00	3.05504E-13	100.25	4091.3
2.37091E+06	200.00	6.63571E-13	96.878	4091.3
2.37091E+06	400.00	1.11124E-12	94.639	4091.3
2.37091E+06	600.00	1.60577E-12	93.040	4091.3
2.37091E+06	800.00	2.08993E-12	91.895	4091.3
2.37091E+06	1000.0	2.51214E-12	91.096	4091.3
2.37091E+06	1500.0	2.70456E-12	90.776	4091.3
2.37091E+06	2000.0	2.76235E-12	90.684	4091.3
2.37091E+06	3000.0	2.76535E-12	90.679	4091.3
2.37091E+06	4000.0	2.76539E-12	90.679	4091.3
5.62200E+06	100.00	4.03150E-15	119.34	4638.2
5.62200E+06	200.00	8.59021E-15	116.05	4638.2
5.62200E+06	400.00	1.40114E-14	113.93	4638.2
5.62200E+06	600.00	1.98802E-14	112.41	4638.2
5.62200E+06	800.00	2.56867E-14	111.29	4638.2
5.62200E+06	1000.0	3.09601E-14	110.48	4638.2
5.62200E+06	1500.0	3.38972E-14	110.09	4638.2
5.62200E+06	2000.0	3.49726E-14	109.95	4638.2
5.62200E+06	3000.0	3.51687E-14	109.93	4638.2
5.62200E+06	4000.0	3.58108E-14	109.85	4638.2
1.23009E+06	100.00	1.73943E-12	93.522	6115.5
1.23009E+06	200.00	3.62617E-12	90.332	6115.5
1.23009E+06	400.00	5.73169E-12	88.344	6115.5
1.23009E+06	600.00	7.92320E-12	86.938	6115.5
1.23009E+06	800.00	1.00536E-11	85.903	6115.5
1.23009E+06	1000.0	1.19919E-11	85.138	6115.5
1.23009E+06	1500.0	1.31678E-11	84.731	6115.5
1.23009E+06	2000.0	1.37176E-11	84.554	6115.5
1.23009E+06	3000.0	1.38834E-11	84.502	6115.5
1.23009E+06	4000.0	1.39276E-11	84.488	6115.5

SOURCE LEVEL= 20.00 SOURCE NO 1 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.55128E+06	100.00	5.38807E-14	109.21	6559.6
1.55128E+06	200.00	1.11624E-13	106.04	6559.6
1.55128E+06	400.00	1.75719E-13	104.07	6559.6
1.55128E+06	600.00	2.43858E-13	102.65	6559.6
1.55128E+06	800.00	3.13460E-13	101.56	6559.6
1.55128E+06	1000.0	3.82062E-13	100.70	6559.6
1.55128E+06	1500.0	4.41409E-13	100.07	6559.6
1.55128E+06	2000.0	4.91679E-13	99.603	6559.6
1.55128E+06	3000.0	5.30313E-13	99.275	6559.6
1.55128E+06	4000.0	5.54858E-13	99.078	6559.6
2.78296E+06	100.00	1.22442E-14	116.02	8534.1
2.78296E+06	200.00	2.51173E-14	112.90	8534.1
2.78296E+06	400.00	3.90129E-14	110.99	8534.1
2.78296E+06	600.00	5.35817E-14	109.61	8534.1
2.78296E+06	800.00	6.84786E-14	108.54	8534.1
2.78296E+06	1000.0	8.34146E-14	107.69	8534.1
2.78296E+06	1500.0	9.78432E-14	106.99	8534.1
2.78296E+06	2000.0	1.11937E-13	106.41	8534.1
2.78296E+06	3000.0	1.24192E-13	105.96	8534.1
2.78296E+06	4000.0	1.31297E-13	105.72	8534.1
9.37918E+05	100.00	5.35305E-13	99.002	5567.8
9.37918E+05	200.00	1.07831E-12	95.961	5567.8
9.37918E+05	400.00	1.60573E-12	94.232	5567.8
9.37918E+05	600.00	2.08127E-12	93.105	5567.8
9.37918E+05	800.00	2.48074E-12	92.342	5567.8
9.37918E+05	1000.0	2.79511E-12	91.824	5567.8
9.37918E+05	1500.0	2.93840E-12	91.607	5567.8
9.37918E+05	2000.0	3.02325E-12	91.484	5567.8
9.37918E+05	3000.0	3.13491E-12	91.326	5567.8
9.37918E+05	4000.0	3.23114E-12	91.195	5567.8

SOURCE LEVEL= 20.00 SOURCE NO 2 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.15673E+06	100.00	2.63215E-15	122.66	8308.0
3.15673E+06	200.00	5.35660E-15	119.57	8308.0
3.15673E+06	400.00	8.19649E-15	117.73	8308.0
3.15673E+06	600.00	1.10544E-14	116.43	8308.0
3.15673E+06	800.00	1.38366E-14	115.45	8308.0
3.15673E+06	1000.0	1.64626E-14	114.70	8308.0
3.15673E+06	1500.0	1.84917E-14	114.19	8308.0
3.15673E+06	2000.0	1.99343E-14	113.87	8308.0
3.15673E+06	3000.0	2.11118E-14	113.62	8308.0
3.15673E+06	4000.0	2.24616E-14	113.35	8308.0
1.27690E+06	100.00	2.04264E-13	103.65	7690.1
1.27690E+06	200.00	4.14526E-13	100.58	7690.1
1.27690E+06	400.00	6.29728E-13	98.764	7690.1
1.27690E+06	600.00	8.40145E-13	97.512	7690.1
1.27690E+06	800.00	1.03684E-12	96.598	7690.1
1.27690E+06	1000.0	1.21277E-12	95.918	7690.1
1.27690E+06	1500.0	1.32368E-12	95.538	7690.1
1.27690E+06	2000.0	1.37981E-12	95.357	7690.1
1.27690E+06	3000.0	1.39144E-12	95.321	7690.1
1.27690E+06	4000.0	1.39387E-12	95.313	7690.1
2.52381E+06	100.00	1.06488E-14	116.64	8615.7
2.52381E+06	200.00	2.17329E-14	113.54	8615.7
2.52381E+06	400.00	3.34274E-14	111.67	8615.7
2.52381E+06	600.00	4.53467E-14	110.35	8615.7
2.52381E+06	800.00	5.70982E-14	109.35	8615.7
2.52381E+06	1000.0	6.83291E-14	108.57	8615.7
2.52381E+06	1500.0	7.72968E-14	108.03	8615.7
2.52381E+06	2000.0	8.39715E-14	107.67	8615.7
2.52381E+06	3000.0	8.91745E-14	107.41	8615.7
2.52381E+06	4000.0	9.40002E-14	107.18	8615.7

SOURCE LEVEL= 20.00 SOURCE NO 3 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.75023E+06	100.00	4.59164E-16	130.16	7957.7
4.75023E+06	200.00	9.43778E-16	127.04	7957.7
4.75023E+06	400.00	1.46790E-15	125.12	7957.7
4.75023E+06	600.00	2.01385E-15	123.74	7957.7
4.75023E+06	800.00	2.56299E-15	122.70	7957.7
4.75023E+06	1000.0	3.09804E-15	121.87	7957.7
4.75023E+06	1500.0	3.54699E-15	121.29	7957.7
4.75023E+06	2000.0	3.89865E-15	120.88	7957.7
4.75023E+06	3000.0	4.19456E-15	120.56	7957.7
4.75023E+06	4000.0	4.47336E-15	120.28	7957.7
7.84766E+05	100.00	6.87252E-13	98.147	6600.0
7.84766E+05	200.00	1.37732E-12	95.128	6600.0
7.84766E+05	400.00	2.04189E-12	93.418	6600.0
7.84766E+05	600.00	2.64576E-12	92.293	6600.0
7.84766E+05	800.00	3.16612E-12	91.513	6600.0
7.84766E+05	1000.0	3.59461E-12	90.962	6600.0
7.84766E+05	1500.0	3.83122E-12	90.685	6600.0
7.84766E+05	2000.0	3.97393E-12	90.526	6600.0
7.84766E+05	3000.0	4.04822E-12	90.445	6600.0
7.84766E+05	4000.0	4.11683E-12	90.372	6600.0
4.11080E+06	100.00	9.28646E-16	127.05	7951.2
4.11080E+06	200.00	1.88695E-15	123.98	7951.2
4.11080E+06	400.00	2.87721E-15	122.14	7951.2
4.11080E+06	600.00	3.86119E-15	120.87	7951.2
4.11080E+06	800.00	4.80227E-15	119.92	7951.2
4.11080E+06	1000.0	5.66931E-15	119.20	7951.2
4.11080E+06	1500.0	6.27157E-15	118.76	7951.2
4.11080E+06	2000.0	6.60724E-15	118.53	7951.2
4.11080E+06	3000.0	6.67494E-15	118.49	7951.2
4.11080E+06	4000.0	6.71434E-15	118.46	7951.2

SOURCE LEVEL= 20.00 SOURCE NO 4 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
6.32029E+06	100.00	3.49722E-16	131.38	8112.8
6.32029E+06	200.00	7.13520E-16	128.28	8112.8
6.32029E+06	400.00	1.09426E-15	126.42	8112.8
6.32029E+06	600.00	1.47563E-15	125.13	8112.8
6.32029E+06	800.00	1.84157E-15	124.16	8112.8
6.32029E+06	1000.0	2.17839E-15	123.43	8112.8
6.32029E+06	1500.0	2.40956E-15	123.00	8112.8
6.32029E+06	2000.0	2.53985E-15	122.77	8112.8
6.32029E+06	3000.0	2.57762E-15	122.70	8112.8
6.32029E+06	4000.0	2.60814E-15	122.65	8112.8
2.67311E+06	100.00	6.09097E-15	117.72	3063.0
2.67311E+06	200.00	1.31117E-14	114.39	3063.0
2.67311E+06	400.00	2.13945E-14	112.26	3063.0
2.67311E+06	600.00	2.97891E-14	110.83	3063.0
2.67311E+06	800.00	3.71379E-14	109.87	3063.0
2.67311E+06	1000.0	4.27340E-14	109.26	3063.0
2.67311E+06	1500.0	4.47222E-14	109.06	3063.0
2.67311E+06	2000.0	4.66610E-14	108.88	3063.0
2.67311E+06	3000.0	4.68190E-14	108.86	3063.0
2.67311E+06	4000.0	0.		3063.0
5.74621E+06	100.00	6.32279E-16	128.43	6343.5
5.74621E+06	200.00	1.29091E-15	125.33	6343.5
5.74621E+06	400.00	1.97328E-15	123.49	6343.5
5.74621E+06	600.00	2.64147E-15	122.22	6343.5
5.74621E+06	800.00	3.26502E-15	121.30	6343.5
5.74621E+06	1000.0	3.82530E-15	120.61	6343.5
5.74621E+06	1500.0	4.21297E-15	120.19	6343.5
5.74621E+06	2000.0	4.45402E-15	119.95	6343.5
5.74621E+06	3000.0	4.53935E-15	119.87	6343.5
5.74621E+06	4000.0	4.66679E-15	119.75	6343.5

SOURCE LEVEL= 20.00 SOURCE NO 5 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
6.67141E+06	100.00	1.70930E-17	142.17	944.30
6.67141E+06	200.00	3.24621E-17	139.39	944.30
6.67141E+06	400.00	3.65260E-17	138.87	944.30
6.67141E+06	600.00	4.71861E-17	137.76	944.30
6.67141E+06	800.00	5.13375E-17	137.40	944.30
6.67141E+06	1000.0	0.		944.30
6.67141E+06	1500.0	0.		944.30
6.67141E+06	2000.0	0.		944.30
6.67141E+06	3000.0	0.		944.30
6.67141E+06	4000.0	0.		944.30
2.65310E+06	100.00	2.55289E-15	118.43	414.71
2.65310E+06	200.00	3.00972E-15	117.72	414.71
2.65310E+06	400.00	3.00976E-15	117.72	414.71
2.65310E+06	600.00	0.		414.71
2.65310E+06	800.00	0.		414.71
2.65310E+06	1000.0	0.		414.71
2.65310E+06	1500.0	0.		414.71
2.65310E+06	2000.0	0.		414.71
2.65310E+06	3000.0	0.		414.71
2.65310E+06	4000.0	0.		414.71
5.97760E+06	100.00	1.97661E-17	141.38	886.42
5.97760E+06	200.00	3.33597E-17	139.11	886.42
5.97760E+06	400.00	4.23477E-17	138.07	886.42
5.97760E+06	600.00	5.49572E-17	136.94	886.42
5.97760E+06	800.00	6.59704E-17	136.15	886.42
5.97760E+06	1000.0	0.		886.42
5.97760E+06	1500.0	0.		886.42
5.97760E+06	2000.0	0.		886.42
5.97760E+06	3000.0	0.		886.42
5.97760E+06	4000.0	0.		886.42

SOURCE LEVEL= 210.00 SOURCE NO 1 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.55128E+06	100.00	4.85559E-12	89.277	6559.6
1.55128E+06	200.00	9.87578E-12	86.194	6559.6
1.55128E+06	400.00	1.50273E-11	84.371	6559.6
1.55128E+06	600.00	2.00477E-11	83.119	6559.6
1.55128E+06	800.00	2.47149E-11	82.210	6559.6
1.55128E+06	1000.0	2.88794E-11	81.533	6559.6
1.55128E+06	1500.0	3.16616E-11	81.134	6559.6
1.55128E+06	2000.0	3.35337E-11	80.885	6559.6
1.55128E+06	3000.0	3.49813E-11	80.701	6559.6
1.55128E+06	4000.0	3.56815E-11	80.615	6559.6
2.78296E+06	100.00	4.17105E-13	100.43	8534.1
2.78296E+06	200.00	8.50243E-13	97.336	8534.1
2.78296E+06	400.00	1.30353E-12	95.480	8534.1
2.78296E+06	600.00	1.75951E-12	94.178	8534.1
2.78296E+06	800.00	2.20071E-12	93.206	8534.1
2.78296E+06	1000.0	2.61186E-12	92.462	8534.1
2.78296E+06	1500.0	2.90945E-12	91.993	8534.1
2.78296E+06	2000.0	3.09879E-12	91.720	8534.1
2.78296E+06	3000.0	3.21302E-12	91.562	8534.1
2.78296E+06	4000.0	3.33652E-12	91.399	8534.1
9.37918E+05	100.00	8.76668E-12	86.473	5567.8
9.37918E+05	200.00	1.79105E-11	83.370	5567.8
9.37918E+05	400.00	2.72985E-11	81.540	5567.8
9.37918E+05	600.00	3.62411E-11	80.309	5567.8
9.37918E+05	800.00	4.41692E-11	79.450	5567.8
9.37918E+05	1000.0	5.07365E-11	78.848	5567.8
9.37918E+05	1500.0	5.39001E-11	78.585	5567.8
9.37918E+05	2000.0	5.51079E-11	78.489	5567.8
9.37918E+05	3000.0	5.54394E-11	78.463	5567.8
9.37918E+05	4000.0	5.58526E-11	78.431	5567.8

SOURCE LEVEL= 210.00 SOURCE NO 2 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.15673E+06	100.00	3.64629E-13	100.98	8308.0
3.15673E+06	200.00	7.59896E-13	97.790	8308.0
3.15673E+06	400.00	1.21133E-12	95.764	8308.0
3.15673E+06	600.00	1.70776E-12	94.273	8308.0
3.15673E+06	800.00	2.23361E-12	93.107	8308.0
3.15673E+06	1000.0	2.77052E-12	92.172	8308.0
3.15673E+06	1500.0	3.25649E-12	91.470	8308.0
3.15673E+06	2000.0	3.62239E-12	91.007	8308.0
3.15673E+06	3000.0	3.77384E-12	90.829	8308.0
3.15673E+06	4000.0	3.82571E-12	90.770	8308.0
1.27690E+06	100.00	1.76690E-10	74.019	7690.1
1.27690E+06	200.00	3.67692E-10	70.836	7690.1
1.27690E+06	400.00	5.83156E-10	68.833	7690.1
1.27690E+06	600.00	8.14928E-10	67.380	7690.1
1.27690E+06	800.00	1.05252E-09	66.269	7690.1
1.27690E+06	1000.0	1.28448E-09	65.404	7690.1
1.27690E+06	1500.0	1.46038E-09	64.847	7690.1
1.27690E+06	2000.0	1.55796E-09	64.566	7690.1
1.27690E+06	3000.0	1.57126E-09	64.529	7690.1
1.27690E+06	4000.0	1.57414E-09	64.521	7690.1
2.52381E+06	100.00	4.72457E-13	99.906	8615.7
2.52381E+06	200.00	9.65154E-13	96.803	8615.7
2.52381E+06	400.00	1.48705E-12	94.926	8615.7
2.52381E+06	600.00	2.02173E-12	93.592	8615.7
2.52381E+06	800.00	2.55290E-12	92.579	8615.7
2.52381E+06	1000.0	3.06603E-12	91.783	8615.7
2.52381E+06	1500.0	3.49158E-12	91.219	8615.7
2.52381E+06	2000.0	3.80829E-12	90.842	8615.7
2.52381E+06	3000.0	3.93956E-12	90.695	8615.7
2.52381E+06	4000.0	3.98569E-12	90.644	8615.7

SOURCE LEVEL= 210.00 SOURCE NO 3 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.75023E+06	100.00	5.75367E-13	98.903	7957.7
4.75023E+06	200.00	1.20172E-12	95.705	7957.7
4.75023E+06	400.00	1.93154E-12	93.644	7957.7
4.75023E+06	600.00	2.76688E-12	92.083	7957.7
4.75023E+06	800.00	3.71088E-12	90.808	7957.7
4.75023E+06	1000.0	4.76761E-12	89.720	7957.7
4.75023E+06	1500.0	6.10679E-12	88.645	7957.7
4.75023E+06	2000.0	7.60914E-12	87.689	7957.7
4.75023E+06	3000.0	8.61123E-12	87.152	7957.7
4.75023E+06	4000.0	9.08263E-12	86.921	7957.7
7.84766E+05	100.00	1.32537E-11	84.901	6600.0
7.84766E+05	200.00	2.69834E-11	81.814	6600.0
7.84766E+05	400.00	4.10499E-11	79.992	6600.0
7.84766E+05	600.00	5.46039E-11	78.753	6600.0
7.84766E+05	800.00	6.68935E-11	77.871	6600.0
7.84766E+05	1000.0	7.73865E-11	77.238	6600.0
7.84766E+05	1500.0	8.28583E-11	76.941	6600.0
7.84766E+05	2000.0	8.49157E-11	76.835	6600.0
7.84766E+05	3000.0	8.53388E-11	76.813	6600.0
7.84766E+05	4000.0	8.59077E-11	76.785	6600.0
4.11080E+06	100.00	3.30272E-13	101.26	7951.2
4.11080E+06	200.00	6.77400E-13	98.142	7951.2
4.11080E+06	400.00	1.04909E-12	96.243	7951.2
4.11080E+06	600.00	1.43161E-12	94.892	7951.2
4.11080E+06	800.00	1.81103E-12	93.871	7951.2
4.11080E+06	1000.0	2.17518E-12	93.076	7951.2
4.11080E+06	1500.0	2.47395E-12	92.517	7951.2
4.11080E+06	2000.0	2.74069E-12	92.072	7951.2
4.11080E+06	3000.0	3.35649E-12	91.192	7951.2
4.11080E+06	4000.0	4.35180E-12	90.064	7951.2

SOURCE LEVEL= 210.00 SOURCE NO 4 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
6.32029E+06	100.00	1.63419E-14	114.35	8112.8
6.32029E+06	200.00	3.46586E-14	111.09	8112.8
6.32029E+06	400.00	5.69377E-14	108.93	8112.8
6.32029E+06	600.00	8.28929E-14	107.30	8112.8
6.32029E+06	800.00	1.11856E-13	106.00	8112.8
6.32029E+06	1000.0	1.42820E-13	104.94	8112.8
6.32029E+06	1500.0	1.73249E-13	104.10	8112.8
6.32029E+06	2000.0	1.96633E-13	103.55	8112.8
6.32029E+06	3000.0	2.07722E-13	103.31	8112.8
6.32029E+06	4000.0	2.24379E-13	102.98	8112.8
2.67311E+06	100.00	3.33318E-12	89.775	3063.0
2.67311E+06	200.00	7.07359E-12	86.507	3063.0
2.67311E+06	400.00	1.10015E-11	84.589	3063.0
2.67311E+06	600.00	1.42477E-11	83.466	3063.0
2.67311E+06	800.00	1.63678E-11	82.864	3063.0
2.67311E+06	1000.0	1.74693E-11	82.581	3063.0
2.67311E+06	1500.0	1.75646E-11	82.557	3063.0
2.67311E+06	2000.0	1.75903E-11	82.551	3063.0
2.67311E+06	3000.0	1.75913E-11	82.551	3063.0
2.67311E+06	4000.0	0.		3063.0
5.74621E+06	100.00	4.16595E-14	109.85	6343.5
5.74621E+06	200.00	8.80086E-14	106.60	6343.5
5.74621E+06	400.00	1.42608E-13	104.50	6343.5
5.74621E+06	600.00	2.02869E-13	102.97	6343.5
5.74621E+06	800.00	2.65288E-13	101.81	6343.5
5.74621E+06	1000.0	3.26142E-13	100.91	6343.5
5.74621E+06	1500.0	3.71573E-13	100.35	6343.5
5.74621E+06	2000.0	3.99318E-13	100.03	6343.5
5.74621E+06	3000.0	4.08005E-13	99.939	6343.5
5.74621E+06	4000.0	4.09649E-13	99.922	6343.5

SOURCE LEVEL= 410.00 SOURCE NO 1 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.55128E+06	100.00	3.12835E-13	101.15	6559.6
1.55128E+06	200.00	6.48549E-13	97.983	6559.6
1.55128E+06	400.00	1.01700E-12	96.029	6559.6
1.55128E+06	600.00	1.39663E-12	94.652	6559.6
1.55128E+06	800.00	1.76440E-12	93.636	6559.6
1.55128E+06	1000.0	2.10003E-12	92.880	6559.6
1.55128E+06	1500.0	2.30930E-12	92.468	6559.6
1.55128E+06	2000.0	2.40633E-12	92.289	6559.6
1.55128E+06	3000.0	2.42198E-12	92.261	6559.6
1.55128E+06	4000.0	2.42909E-12	92.248	6559.6
2.78296E+06	100.00	5.80886E-14	108.95	8534.1
2.78296E+06	200.00	1.19066E-13	105.84	8534.1
2.78296E+06	400.00	1.84138E-13	103.94	8534.1
2.78296E+06	600.00	2.50699E-13	102.60	8534.1
2.78296E+06	800.00	3.16000E-13	101.60	8534.1
2.78296E+06	1000.0	3.77495E-13	100.83	8534.1
2.78296E+06	1500.0	4.22083E-13	100.34	8534.1
2.78296E+06	2000.0	4.48070E-13	100.08	8534.1
2.78296E+06	3000.0	4.55339E-13	100.01	8534.1
2.78296E+06	4000.0	4.65593E-13	99.915	8534.1
9.37918E+05	100.00	1.52284E-12	94.038	5567.8
9.37918E+05	200.00	3.20365E-12	90.808	5567.8
9.37918E+05	400.00	5.13091E-12	88.762	5567.8
9.37918E+05	600.00	7.17375E-12	87.307	5567.8
9.37918E+05	800.00	9.18199E-12	86.235	5567.8
9.37918E+05	1000.0	1.10210E-11	85.442	5567.8
9.37918E+05	1500.0	1.21537E-11	85.017	5567.8
9.37918E+05	2000.0	1.27145E-11	84.821	5567.8
9.37918E+05	3000.0	1.29138E-11	84.754	5567.8
9.37918E+05	4000.0	1.31883E-11	84.663	5567.8

SOURCE LEVEL= 410.00 SOURCE NO 2 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.15673E+06	100.00	2.80044E-14	112.09	8308.0
3.15673E+06	200.00	5.74302E-14	108.97	8308.0
3.15673E+06	400.00	8.88189E-14	107.08	8308.0
3.15673E+06	600.00	1.20803E-13	105.74	8308.0
3.15673E+06	800.00	1.51940E-13	104.74	8308.0
3.15673E+06	1000.0	1.80906E-13	103.99	8308.0
3.15673E+06	1500.0	2.00771E-13	103.53	8308.0
3.15673E+06	2000.0	2.11143E-13	103.31	8308.0
3.15673E+06	3000.0	2.12640E-13	103.28	8308.0
3.15673E+06	4000.0	2.13094E-13	103.27	8308.0
1.27690E+06	100.00	2.39002E-12	92.562	7690.1
1.27690E+06	200.00	4.93902E-12	89.410	7690.1
1.27690E+06	400.00	7.73058E-12	87.464	7690.1
1.27690E+06	600.00	1.06377E-11	86.078	7690.1
1.27690E+06	800.00	1.35174E-11	85.037	7690.1
1.27690E+06	1000.0	1.62315E-11	84.242	7690.1
1.27690E+06	1500.0	1.81196E-11	83.765	7690.1
1.27690E+06	2000.0	1.90927E-11	83.537	7690.1
1.27690E+06	3000.0	1.92118E-11	83.510	7690.1
1.27690E+06	4000.0	1.92350E-11	83.505	7690.1
2.52381E+06	100.00	1.05872E-13	106.36	8615.7
2.52381E+06	200.00	2.17140E-13	103.25	8615.7
2.52381E+06	400.00	3.36051E-13	101.35	8615.7
2.52381E+06	600.00	4.57678E-13	100.01	8615.7
2.52381E+06	800.00	5.76771E-13	99.003	8615.7
2.52381E+06	1000.0	6.88445E-13	98.234	8615.7
2.52381E+06	1500.0	7.67540E-13	97.762	8615.7
2.52381E+06	2000.0	8.11918E-13	97.517	8615.7
2.52381E+06	3000.0	8.28039E-13	97.432	8615.7
2.52381E+06	4000.0	8.53679E-13	97.300	8615.7

SOURCE LEVEL= 410.00 SOURCE NO 3 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
4.75023E+06	100.00	2.52747E-14	112.44	7957.7
4.75023E+06	200.00	5.19234E-14	109.31	7957.7
4.75023E+06	400.00	8.04180E-14	107.41	7957.7
4.75023E+06	600.00	1.09348E-13	106.08	7957.7
4.75023E+06	800.00	1.37242E-13	105.09	7957.7
4.75023E+06	1000.0	1.62786E-13	104.35	7957.7
4.75023E+06	1500.0	1.79180E-13	103.93	7957.7
4.75023E+06	2000.0	1.86892E-13	103.75	7957.7
4.75023E+06	3000.0	1.87924E-13	103.72	7957.7
4.75023E+06	4000.0	1.89303E-13	103.69	7957.7
7.84766E+05	100.00	1.12460E-11	85.576	6600.0
7.84766E+05	200.00	2.35425E-11	82.367	6600.0
7.84766E+05	400.00	3.75449E-11	80.340	6600.0
7.84766E+05	600.00	5.25035E-11	78.884	6600.0
7.84766E+05	800.00	6.75203E-11	77.791	6600.0
7.84766E+05	1000.0	8.17204E-11	76.962	6600.0
7.84766E+05	1500.0	9.14495E-11	76.474	6600.0
7.84766E+05	2000.0	9.64978E-11	76.240	6600.0
7.84766E+05	3000.0	9.72938E-11	76.205	6600.0
7.84766E+05	4000.0	9.76347E-11	76.190	6600.0
4.11080E+06	100.00	5.07104E-14	109.36	7951.2
4.11080E+06	200.00	1.04929E-13	106.20	7951.2
4.11080E+06	400.00	1.64855E-13	104.24	7951.2
4.11080E+06	600.00	2.28259E-13	102.83	7951.2
4.11080E+06	800.00	2.92587E-13	101.75	7951.2
4.11080E+06	1000.0	3.55294E-13	100.91	7951.2
4.11080E+06	1500.0	4.05384E-13	100.33	7951.2
4.11080E+06	2000.0	4.38237E-13	99.994	7951.2
4.11080E+06	3000.0	4.52135E-13	99.859	7951.2
4.11080E+06	4000.0	4.75337E-13	99.641	7951.2

SOURCE LEVEL= 410.00 SOURCE NO 4 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVE
6.32029E+06	100.00	2.69136E-15	122.20	8112.8
6.32029E+06	200.00	5.56421E-15	119.05	8112.8
6.32029E+06	400.00	8.73094E-15	117.09	8112.8
6.32029E+06	600.00	1.20737E-14	115.68	8112.8
6.32029E+06	800.00	1.54576E-14	114.61	8112.8
6.32029E+06	1000.0	1.87488E-14	113.77	8112.8
6.32029E+06	1500.0	2.13883E-14	113.20	8112.8
6.32029E+06	2000.0	2.32644E-14	112.83	8112.8
6.32029E+06	3000.0	2.45845E-14	112.59	8112.8
6.32029E+06	4000.0	2.54947E-14	112.44	8112.8
2.67311E+06	100.00	1.87975E-13	102.22	3063.0
2.67311E+06	200.00	4.22064E-13	98.712	3063.0
2.67311E+06	400.00	7.26521E-13	96.353	3063.0
2.67311E+06	600.00	1.04032E-12	94.794	3063.0
2.67311E+06	800.00	1.29758E-12	93.834	3063.0
2.67311E+06	1000.0	1.46640E-12	93.303	3063.0
2.67311E+06	1500.0	1.49094E-12	93.231	3063.0
2.67311E+06	2000.0	1.49247E-12	93.226	3063.0
2.67311E+06	3000.0	1.49278E-12	93.225	3063.0
2.67311E+06	4000.0	0.	-	3063.0
5.74621E+06	100.00	4.73619E-15	119.25	6343.5
5.74621E+06	200.00	9.86495E-15	116.07	6343.5
5.74621E+06	400.00	1.55799E-14	114.08	6343.5
5.74621E+06	600.00	2.15346E-14	112.68	6343.5
5.74621E+06	800.00	2.73469E-14	111.64	6343.5
5.74621E+06	1000.0	3.26789E-14	110.86	6343.5
5.74621E+06	1500.0	3.61577E-14	110.43	6343.5
5.74621E+06	2000.0	3.85099E-14	110.15	6343.5
5.74621E+06	3000.0	4.16617E-14	109.81	6343.5
5.74621E+06	4000.0	4.37311E-14	109.60	6343.5

SOURCE LEVEL= 610.00 SOURCE NO 1 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.55128E+06	100.00	4.25142E-13	99.749	6559.6
1.55128E+06	200.00	8.83708E-13	96.571	6559.6
1.55128E+06	400.00	1.39144E-12	94.599	6559.6
1.55128E+06	600.00	1.91811E-12	93.205	6559.6
1.55128E+06	800.00	2.43054E-12	92.177	6559.6
1.55128E+06	1000.0	2.89910E-12	91.411	6559.6
1.55128E+06	1500.0	3.19162E-12	90.994	6559.6
1.55128E+06	2000.0	3.33572E-12	90.802	6559.6
1.55128E+06	3000.0	3.38550E-12	90.738	6559.6
1.55128E+06	4000.0	3.40014E-12	90.719	6559.6
2.78296E+06	100.00	6.53669E-14	108.37	8534.1
2.78296E+06	200.00	1.34645E-13	105.23	8534.1
2.78296E+06	400.00	2.10046E-13	103.30	8534.1
2.78296E+06	600.00	2.88770E-13	101.92	8534.1
2.78296E+06	800.00	3.67674E-13	100.87	8534.1
2.78296E+06	1000.0	4.43655E-13	100.06	8534.1
2.78296E+06	1500.0	5.02141E-13	99.518	8534.1
2.78296E+06	2000.0	5.38455E-13	99.215	8534.1
2.78296E+06	3000.0	5.49872E-13	99.124	8534.1
2.78296E+06	4000.0	5.61352E-13	99.034	8534.1
9.37918E+05	100.00	2.20646E-12	92.235	5567.8
9.37918E+05	200.00	4.61818E-12	89.027	5567.8
9.37918E+05	400.00	7.32221E-12	87.025	5567.8
9.37918E+05	600.00	1.01100E-11	85.624	5567.8
9.37918E+05	800.00	1.27560E-11	84.615	5567.8
9.37918E+05	1000.0	1.50724E-11	83.890	5567.8
9.37918E+05	1500.0	1.62647E-11	83.559	5567.8
9.37918E+05	2000.0	1.67104E-11	83.442	5567.8
9.37918E+05	3000.0	1.70670E-11	83.350	5567.8
9.37918E+05	4000.0	1.73300E-11	83.284	5567.8

SOURCE LEVEL= 610.00 SOURCE NO 2 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.15673E+06	100.00	4.85166E-14	109.63	8308.0
3.15673E+06	200.00	9.98415E-14	106.50	8308.0
3.15673E+06	400.00	1.55452E-13	104.58	8308.0
3.15673E+06	600.00	2.13217E-13	103.20	8308.0
3.15673E+06	800.00	2.70819E-13	102.17	8308.0
3.15673E+06	1000.0	3.26054E-13	101.36	8308.0
3.15673E+06	1500.0	3.68633E-13	100.83	8308.0
3.15673E+06	2000.0	3.96150E-13	100.51	8308.0
3.15673E+06	3000.0	4.06779E-13	100.40	8308.0
3.15673E+06	4000.0	4.14721E-13	100.32	8308.0
1.27690E+06	100.00	1.89741E-12	93.497	7690.1
1.27690E+06	200.00	3.92821E-12	90.336	7690.1
1.27690E+06	400.00	6.16998E-12	88.375	7690.1
1.27690E+06	600.00	8.52868E-12	86.969	7690.1
1.27690E+06	800.00	1.08999E-11	85.904	7690.1
1.27690E+06	1000.0	1.31862E-11	85.077	7690.1
1.27690E+06	1500.0	1.50001E-11	84.517	7690.1
1.27690E+06	2000.0	1.63396E-11	84.146	7690.1
1.27690E+06	3000.0	1.72042E-11	83.922	7690.1
1.27690E+06	4000.0	1.76668E-11	83.807	7690.1
2.52381E+06	100.00	1.97103E-13	103.60	8615.7
2.52381E+06	200.00	4.06520E-13	100.45	8615.7
2.52381E+06	400.00	6.35509E-13	98.513	8615.7
2.52381E+06	600.00	8.75545E-13	97.122	8615.7
2.52381E+06	800.00	1.11683E-12	96.065	8615.7
2.52381E+06	1000.0	1.34952E-12	95.243	8615.7
2.52381E+06	1500.0	1.52748E-12	94.705	8615.7
2.52381E+06	2000.0	1.63474E-12	94.410	8615.7
2.52381E+06	3000.0	1.66119E-12	94.341	8615.7
2.52381E+06	4000.0	1.67647E-12	94.301	8615.7

SOURCE LEVEL= 610.00 SOURCE NO 3 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.75023E+06	100.00	3.08515E-14	111.50	7957.7
4.75023E+06	200.00	6.39265E-14	108.33	7957.7
4.75023E+06	400.00	1.00620E-13	106.36	7957.7
4.75023E+06	600.00	1.39484E-13	104.95	7957.7
4.75023E+06	800.00	1.78828E-13	103.87	7957.7
4.75023E+06	1000.0	2.16959E-13	103.03	7957.7
4.75023E+06	1500.0	2.46617E-13	102.47	7957.7
4.75023E+06	2000.0	2.66208E-13	102.14	7957.7
4.75023E+06	3000.0	2.80271E-13	101.91	7957.7
4.75023E+06	4000.0	2.94891E-13	101.69	7957.7
7.84766E+05	100.00	4.44321E-12	89.536	6600.0
7.84766E+05	200.00	9.24841E-12	86.352	6600.0
7.84766E+05	400.00	1.45988E-11	84.370	6600.0
7.84766E+05	600.00	2.01831E-11	82.963	6600.0
7.84766E+05	800.00	2.56539E-11	81.921	6600.0
7.84766E+05	1000.0	3.06946E-11	81.142	6600.0
7.84766E+05	1500.0	3.39070E-11	80.710	6600.0
7.84766E+05	2000.0	3.54812E-11	80.513	6600.0
7.84766E+05	3000.0	3.58851E-11	80.464	6600.0
7.84766E+05	4000.0	3.61007E-11	80.438	6600.0
4.11080E+06	100.00	5.87224E-14	108.65	7951.2
4.11080E+06	200.00	1.21697E-13	105.49	7951.2
4.11080E+06	400.00	1.91616E-13	103.51	7951.2
4.11080E+06	600.00	2.65747E-13	102.09	7951.2
4.11080E+06	800.00	3.40905E-13	101.01	7951.2
4.11080E+06	1000.0	4.13921E-13	100.17	7951.2
4.11080E+06	1500.0	4.71564E-13	99.603	7951.2
4.11080E+06	2000.0	5.10414E-13	99.259	7951.2
4.11080E+06	3000.0	5.26926E-13	99.121	7951.2
4.11080E+06	4000.0	5.31542E-13	99.083	7951.2

SOURCE LEVEL= 610.00 SOURCE NO 4 GROUP 3

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEV
6.32029E+06	100.00	2.01622E-15	123.38	8112.8
6.32029E+06	200.00	4.16036E-15	120.24	8112.8
6.32029E+06	400.00	6.50057E-15	118.30	8112.8
6.32029E+06	600.00	8.93732E-15	116.92	8112.8
6.32029E+06	800.00	1.13591E-14	115.87	8112.8
6.32029E+06	1000.0	1.36580E-14	115.07	8112.8
6.32029E+06	1500.0	1.53245E-14	114.57	8112.8
6.32029E+06	2000.0	1.62833E-14	114.31	8112.8
6.32029E+06	3000.0	1.66074E-14	114.22	8112.8
6.32029E+06	4000.0	1.69032E-14	114.15	8112.8
2.67311E+06	100.00	4.40621E-14	108.30	3063.0
2.67311E+06	200.00	9.93500E-14	104.77	3063.0
2.67311E+06	400.00	1.74243E-13	102.33	3063.0
2.67311E+06	600.00	2.58958E-13	100.61	3063.0
2.67311E+06	800.00	3.42672E-13	99.395	3063.0
2.67311E+06	1000.0	4.20030E-13	98.511	3063.0
2.67311E+06	1500.0	4.80709E-13	97.925	3063.0
2.67311E+06	2000.0	5.09367E-13	97.674	3063.0
2.67311E+06	3000.0	5.09910E-13	97.669	3063.0
2.67311E+06	4000.0	0.		3063.0
5.74621E+06	100.00	8.99765E-15	116.39	6343.5
5.74621E+06	200.00	1.87652E-14	113.20	6343.5
5.74621E+06	400.00	2.97199E-14	111.21	6343.5
5.74621E+06	600.00	4.12508E-14	109.78	6343.5
5.74621E+06	800.00	5.26909E-14	108.72	6343.5
5.74621E+06	1000.0	6.34501E-14	107.91	6343.5
5.74621E+06	1500.0	7.11488E-14	107.41	6343.5
5.74621E+06	2000.0	7.59653E-14	107.13	6343.5
5.74621E+06	3000.0	7.85674E-14	106.98	6343.5
5.74621E+06	4000.0	8.02140E-14	106.89	6343.5

SOURCE LEVEL= 20.00 SOURCE NO 1 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LE
1.50172E+06	100.00	5.40795E-14	110.00	11053
1.50172E+06	200.00	1.08955E-13	106.96	11053
1.50172E+06	400.00	1.64459E-13	105.17	11053
1.50172E+06	600.00	2.19281E-13	103.92	11053
1.50172E+06	800.00	2.72208E-13	102.98	11053
1.50172E+06	1000.0	3.22188E-13	102.25	11053
1.50172E+06	1500.0	3.61940E-13	101.74	11053
1.50172E+06	2000.0	3.91208E-13	101.41	11053
1.50172E+06	3000.0	4.11672E-13	101.18	11053
1.50172E+06	4000.0	4.36660E-13	100.93	11053
2.18892E+06	100.00	8.38383E-15	117.76	9389.0
2.18892E+06	200.00	1.70421E-14	114.68	9389.0
2.18892E+06	400.00	2.61310E-14	112.82	9389.0
2.18892E+06	600.00	3.54817E-14	111.50	9389.0
2.18892E+06	800.00	4.49204E-14	110.47	9389.0
2.18892E+06	1000.0	5.42765E-14	109.65	9389.0
2.18892E+06	1500.0	6.27618E-14	109.02	9389.0
2.18892E+06	2000.0	6.96862E-14	108.56	9389.0
2.18892E+06	3000.0	7.30978E-14	108.36	9389.0
2.18892E+06	4000.0	7.44360E-14	108.28	9389.0
3.10619E+06	100.00	4.59348E-15	120.81	12086
3.10619E+06	200.00	9.31326E-15	117.75	12086
3.10619E+06	400.00	1.42289E-14	115.90	12086
3.10619E+06	600.00	1.92586E-14	114.59	12086
3.10619E+06	800.00	2.43181E-14	113.58	12086
3.10619E+06	1000.0	2.93247E-14	112.76	12086
3.10619E+06	1500.0	3.38896E-14	112.14	12086
3.10619E+06	2000.0	3.77307E-14	111.67	12086
3.10619E+06	3000.0	4.01227E-14	111.40	12086
3.10619E+06	4000.0	4.17184E-14	111.23	12086

SOURCE LEVEL= 20.00 SOURCE NO 2 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LE
3.11519E+06	100.00	7.56408E-16	128.53	10693
3.11519E+06	200.00	1.52768E-15	125.47	10693
3.11519E+06	400.00	2.31807E-15	123.66	10693
3.11519E+06	600.00	3.11369E-15	122.38	10693
3.11519E+06	800.00	3.90179E-15	121.40	10693
3.11519E+06	1000.0	4.67152E-15	120.62	10693
3.11519E+06	1500.0	5.36334E-15	120.02	10693
3.11519E+06	2000.0	5.95791E-15	119.56	10693
3.11519E+06	3000.0	6.35299E-15	119.28	10693
3.11519E+06	4000.0	6.54852E-15	119.15	10693
3.48087E+06	100.00	5.15874E-15	120.19	11243
3.48087E+06	200.00	1.05271E-14	117.09	11243
3.48087E+06	400.00	1.62618E-14	115.20	11243
3.48087E+06	600.00	2.22790E-14	113.84	11243
3.48087E+06	800.00	2.84822E-14	112.77	11243
3.48087E+06	1000.0	3.47671E-14	111.90	11243
3.48087E+06	1500.0	4.07926E-14	111.21	11243
3.48087E+06	2000.0	4.59995E-14	110.69	11243
3.48087E+06	3000.0	4.90050E-14	110.41	11243
3.48087E+06	4000.0	5.06561E-14	110.27	11243
3.61488E+06	100.00	2.44094E-15	123.60	11977
3.61488E+06	200.00	4.95298E-15	120.52	11977
3.61488E+06	400.00	7.57208E-15	118.68	11977
3.61488E+06	600.00	1.02465E-14	117.37	11977
3.61488E+06	800.00	1.29216E-14	116.36	11977
3.61488E+06	1000.0	1.55429E-14	115.56	11977
3.61488E+06	1500.0	1.78262E-14	114.96	11977
3.61488E+06	2000.0	1.95956E-14	114.55	11977
3.61488E+06	3000.0	2.04316E-14	114.37	11977
3.61488E+06	4000.0	2.08830E-14	114.27	11977

SOURCE LEVEL= 20.00 SOURCE NO 3 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM L
4.68267E+06	100.00	1.30592E-15	125.92	9577.4
4.68267E+06	200.00	2.64717E-15	122.85	9577.4
4.68267E+06	400.00	4.02887E-15	121.03	9577.4
4.68267E+06	600.00	5.40822E-15	119.75	9577.4
4.68267E+06	800.00	6.74303E-15	118.79	9577.4
4.68267E+06	1000.0	7.99559E-15	118.05	9577.4
4.68267E+06	1500.0	8.93371E-15	117.57	9577.4
4.68267E+06	2000.0	9.52930E-15	117.29	9577.4
4.68267E+06	3000.0	9.78337E-15	117.18	9577.4
4.68267E+06	4000.0	1.04219E-14	116.90	9577.4
4.91088E+06	100.00	1.34362E-15	125.85	9827.5
4.91088E+06	200.00	2.73029E-15	122.77	9827.5
4.91088E+06	400.00	4.17994E-15	120.92	9827.5
4.91088E+06	600.00	5.65992E-15	119.60	9827.5
4.91088E+06	800.00	7.13761E-15	118.60	9827.5
4.91088E+06	1000.0	8.58273E-15	117.80	9827.5
4.91088E+06	1500.0	9.84335E-15	117.20	9827.5
4.91088E+06	2000.0	1.08386E-14	116.78	9827.5
4.91088E+06	3000.0	1.13182E-14	116.59	9827.5
4.91088E+06	4000.0	1.14999E-14	116.53	9827.5
4.60309E+06	100.00	1.61016E-15	123.67	3771.6
4.60309E+06	200.00	3.27923E-15	120.58	3771.6
4.60309E+06	400.00	4.91442E-15	118.83	3771.6
4.60309E+06	600.00	6.34589E-15	117.72	3771.6
4.60309E+06	800.00	7.48697E-15	117.00	3771.6
4.60309E+06	1000.0	8.34612E-15	116.53	3771.6
4.60309E+06	1500.0	8.85918E-15	116.27	3771.6
4.60309E+06	2000.0	9.24784E-15	116.08	3771.6
4.60309E+06	3000.0	9.26779E-15	116.07	3771.6
4.60309E+06	4000.0	0.		3771.6

SOURCE LEVEL= 210.00 SOURCE NO 1 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.50172E+06	100.00	2.95998E-12	92.419	11053
1.50172E+06	200.00	6.03351E-12	89.327	11053
1.50172E+06	400.00	9.29490E-12	87.450	11053
1.50172E+06	600.00	1.26848E-11	86.099	11053
1.50172E+06	800.00	1.61397E-11	85.053	11053
1.50172E+06	1000.0	1.95969E-11	84.210	11053
1.50172E+06	1500.0	2.28352E-11	83.546	11053
1.50172E+06	2000.0	2.56952E-11	83.034	11053
1.50172E+06	3000.0	2.79768E-11	82.664	11053
1.50172E+06	4000.0	2.97838E-11	82.393	11053
2.18892E+06	100.00	5.09590E-13	99.726	9389.0
2.18892E+06	200.00	1.02989E-12	96.670	9389.0
2.18892E+06	400.00	1.55962E-12	94.868	9389.0
2.18892E+06	600.00	2.08228E-12	93.613	9389.0
2.18892E+06	800.00	2.58207E-12	92.678	9389.0
2.18892E+06	1000.0	3.04534E-12	91.962	9389.0
2.18892E+06	1500.0	3.38014E-12	91.509	9389.0
2.18892E+06	2000.0	3.58078E-12	91.258	9389.0
2.18892E+06	3000.0	3.63240E-12	91.196	9389.0
2.18892E+06	4000.0	3.68281E-12	91.136	9389.0
3.10619E+06	100.00	4.25308E-13	100.95	12086
3.10619E+06	200.00	8.73053E-13	97.828	12086
3.10619E+06	400.00	1.36371E-12	95.891	12086
3.10619E+06	600.00	1.89372E-12	94.465	12086
3.10619E+06	800.00	2.45859E-12	93.331	12086
3.10619E+06	1000.0	3.05319E-12	92.391	12086
3.10619E+06	1500.0	3.69894E-12	91.557	12086
3.10619E+06	2000.0	4.37021E-12	90.833	12086
3.10619E+06	3000.0	5.10791E-12	90.156	12086
3.10619E+06	4000.0	6.06176E-12	89.412	12086

SOURCE LEVEL= 210.00 SOURCE NO 2 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.11519E+06	100.00	8.45183E-13	97.737	10693
3.11519E+06	200.00	1.72338E-12	94.642	10693
3.11519E+06	400.00	2.65556E-12	92.765	10693
3.11519E+06	600.00	3.62346E-12	91.415	10693
3.11519E+06	800.00	4.60911E-12	90.370	10693
3.11519E+06	1000.0	5.59721E-12	89.526	10693
3.11519E+06	1500.0	6.56191E-12	88.836	10693
3.11519E+06	2000.0	7.56029E-12	88.221	10693
3.11519E+06	3000.0	9.12124E-12	87.406	10693
3.11519E+06	4000.0	1.13195E-11	86.468	10693
3.48087E+06	100.00	2.43336E-13	103.25	11243
3.48087E+06	200.00	4.95996E-13	100.16	11243
3.48087E+06	400.00	7.64114E-13	98.283	11243
3.48087E+06	600.00	1.04292E-12	96.932	11243
3.48087E+06	800.00	1.32736E-12	95.885	11243
3.48087E+06	1000.0	1.61247E-12	95.040	11243
3.48087E+06	1500.0	1.88096E-12	94.371	11243
3.48087E+06	2000.0	2.11689E-12	93.858	11243
3.48087E+06	3000.0	2.27869E-12	93.538	11243
3.48087E+06	4000.0	2.36810E-12	93.371	11243
3.61488E+06	100.00	2.54612E-13	103.21	11977
3.61488E+06	200.00	5.20092E-13	100.11	11977
3.61488E+06	400.00	8.05286E-13	98.213	11977
3.61488E+06	600.00	1.10717E-12	96.831	11977
3.61488E+06	800.00	1.42257E-12	95.742	11977
3.61488E+06	1000.0	1.74838E-12	94.846	11977
3.61488E+06	1500.0	2.08882E-12	94.074	11977
3.61488E+06	2000.0	2.43219E-12	93.413	11977
3.61488E+06	3000.0	2.74661E-12	92.885	11977
3.61488E+06	4000.0	2.96121E-12	92.558	11977

SOURCE LEVEL= 210.00 SOURCE NO 3 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.68267E+06	100.00	8.31438E-13	97.645	9577.4
4.68267E+06	200.00	1.69154E-12	94.560	9577.4
4.68267E+06	400.00	2.59191E-12	92.707	9577.4
4.68267E+06	600.00	3.50758E-12	91.393	9577.4
4.68267E+06	800.00	4.41277E-12	90.396	9577.4
4.68267E+06	1000.0	5.28308E-12	89.614	9577.4
4.68267E+06	1500.0	5.98375E-12	89.073	9577.4
4.68267E+06	2000.0	6.46272E-12	88.739	9577.4
4.68267E+06	3000.0	6.60863E-12	88.642	9577.4
4.68267E+06	4000.0	6.65958E-12	88.609	9577.4
4.91088E+06	100.00	2.18390E-13	103.50	9827.5
4.91088E+06	200.00	4.54534E-13	100.32	9827.5
4.91088E+06	400.00	7.27286E-13	98.278	9827.5
4.91088E+06	600.00	1.03806E-12	96.733	9827.5
4.91088E+06	800.00	1.38842E-12	95.470	9827.5
4.91088E+06	1000.0	1.78030E-12	94.390	9827.5
4.91088E+06	1500.0	2.28571E-12	93.305	9827.5
4.91088E+06	2000.0	2.90880E-12	92.258	9827.5
4.91088E+06	3000.0	3.61555E-12	91.313	9827.5
4.91088E+06	4000.0	4.07234E-12	90.797	9827.5
4.60309E+06	100.00	2.91367E-13	100.57	3771.6
4.60309E+06	200.00	6.44159E-13	97.121	3771.6
4.60309E+06	400.00	1.17451E-12	94.513	3771.6
4.60309E+06	600.00	1.98299E-12	92.238	3771.6
4.60309E+06	800.00	3.16516E-12	90.207	3771.6
4.60309E+06	1000.0	4.73723E-12	88.456	3771.6
4.60309E+06	1500.0	6.50629E-12	87.078	3771.6
4.60309E+06	2000.0	7.26803E-12	86.597	3771.6
4.60309E+06	3000.0	7.27550E-12	86.593	3771.6
4.60309E+06	4000.0	0.		3771.6

SOURCE LEVEL= 410.00 SOURCE NO 1 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.50172E+06	100.00	1.10891E-12	96.656	11053
1.50172E+06	200.00	2.25373E-12	93.576	11053
1.50172E+06	400.00	3.45256E-12	91.724	11053
1.50172E+06	600.00	4.67939E-12	90.403	11053
1.50172E+06	800.00	5.90737E-12	89.391	11053
1.50172E+06	1000.0	7.11078E-12	88.586	11053
1.50172E+06	1500.0	8.16411E-12	87.986	11053
1.50172E+06	2000.0	9.00693E-12	87.560	11053
1.50172E+06	3000.0	9.52341E-12	87.317	11053
1.50172E+06	4000.0	9.90995E-12	87.145	11053
2.18892E+06	100.00	4.94170E-13	99.832	9389.0
2.18892E+06	200.00	1.01339E-12	96.713	9389.0
2.18892E+06	400.00	1.57430E-12	94.800	9389.0
2.18892E+06	600.00	2.16325E-12	93.420	9389.0
2.18892E+06	800.00	2.76462E-12	92.355	9389.0
2.18892E+06	1000.0	3.36210E-12	91.505	9389.0
2.18892E+06	1500.0	3.88649E-12	90.876	9389.0
2.18892E+06	2000.0	4.28400E-12	90.453	9389.0
2.18892E+06	3000.0	4.46773E-12	90.270	9389.0
2.18892E+06	4000.0	4.57919E-12	90.163	9389.0
3.10619E+06	100.00	1.07198E-13	106.91	12086
3.10619E+06	200.00	2.18470E-13	103.82	12086
3.10619E+06	400.00	3.36589E-13	101.94	12086
3.10619E+06	600.00	4.59543E-13	100.59	12086
3.10619E+06	800.00	5.85084E-13	99.539	12086
3.10619E+06	1000.0	7.10858E-13	98.693	12086
3.10619E+06	1500.0	8.27456E-13	98.034	12086
3.10619E+06	2000.0	9.24460E-13	97.552	12086
3.10619E+06	3000.0	9.76064E-13	97.317	12086
3.10619E+06	4000.0	1.00113E-12	97.206	12086

SOURCE LEVEL= 410.00 SOURCE NO 2 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.11519E+06	100.00	9.01630E-14	107.43	10693
3.11519E+06	200.00	1.83361E-13	104.35	10693
3.11519E+06	400.00	2.81161E-13	102.49	10693
3.11519E+06	600.00	3.81446E-13	101.16	10693
3.11519E+06	800.00	4.82073E-13	100.15	10693
3.11519E+06	1000.0	5.81071E-13	99.337	10693
3.11519E+06	1500.0	6.69870E-13	98.719	10693
3.11519E+06	2000.0	7.45883E-13	98.252	10693
3.11519E+06	3000.0	8.08809E-13	97.900	10693
3.11519E+06	4000.0	8.72629E-13	97.571	10693
3.48087E+06	100.00	5.97043E-14	109.33	11243
3.48087E+06	200.00	1.22067E-13	106.22	11243
3.48087E+06	400.00	1.88906E-13	104.33	11243
3.48087E+06	600.00	2.58869E-13	102.96	11243
3.48087E+06	800.00	3.30392E-13	101.90	11243
3.48087E+06	1000.0	4.01808E-13	101.05	11243
3.48087E+06	1500.0	4.66033E-13	100.40	11243
3.48087E+06	2000.0	5.16003E-13	99.961	11243
3.48087E+06	3000.0	5.35936E-13	99.796	11243
3.48087E+06	4000.0	5.41066E-13	99.755	11243
3.61488E+06	100.00	1.74292E-13	104.83	11977
3.61488E+06	200.00	3.55098E-13	101.74	11977
3.61488E+06	400.00	5.46863E-13	99.867	11977
3.61488E+06	600.00	7.46422E-13	98.516	11977
3.61488E+06	800.00	9.50282E-13	97.467	11977
3.61488E+06	1000.0	1.15482E-12	96.620	11977
3.61488E+06	1500.0	1.34602E-12	95.955	11977
3.61488E+06	2000.0	1.50733E-12	95.463	11977
3.61488E+06	3000.0	1.59291E-12	95.224	11977
3.61488E+06	4000.0	1.62332E-12	95.141	11977

SOURCE LEVEL= 410.00 SOURCE NO 3 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.68267E+06	100.00	1.63090E-14	114.69	9577.4
4.68267E+06	200.00	3.31844E-14	111.60	9577.4
4.68267E+06	400.00	5.07779E-14	109.75	9577.4
4.68267E+06	600.00	6.84826E-14	108.45	9577.4
4.68267E+06	800.00	8.56816E-14	107.48	9577.4
4.68267E+06	1000.0	1.01813E-13	106.73	9577.4
4.68267E+06	1500.0	1.13629E-13	106.26	9577.4
4.68267E+06	2000.0	1.20697E-13	105.99	9577.4
4.68267E+06	3000.0	1.22923E-13	105.91	9577.4
4.68267E+06	4000.0	1.26132E-13	105.80	9577.4
4.91088E+06	100.00	7.27653E-15	118.24	9827.5
4.91088E+06	200.00	1.48350E-14	115.15	9827.5
4.91088E+06	400.00	2.27977E-14	113.28	9827.5
4.91088E+06	600.00	3.09254E-14	111.96	9827.5
4.91088E+06	800.00	3.89663E-14	110.96	9827.5
4.91088E+06	1000.0	4.66806E-14	110.17	9827.5
4.91088E+06	1500.0	5.27873E-14	109.64	9827.5
4.91088E+06	2000.0	5.68633E-14	109.31	9827.5
4.91088E+06	3000.0	5.81909E-14	109.21	9827.5
4.91088E+06	4000.0	5.88507E-14	109.17	9827.5
4.60309E+06	100.00	7.31913E-15	116.53	3771.6
4.60309E+06	200.00	1.58898E-14	113.17	3771.6
4.60309E+06	400.00	2.65281E-14	110.94	3771.6
4.60309E+06	600.00	3.81292E-14	109.37	3771.6
4.60309E+06	800.00	4.92988E-14	108.25	3771.6
4.60309E+06	1000.0	5.88464E-14	107.48	3771.6
4.60309E+06	1500.0	6.28037E-14	107.20	3771.6
4.60309E+06	2000.0	6.36580E-14	107.14	3771.6
4.60309E+06	3000.0	6.36725E-14	107.14	3771.6
4.60309E+06	4000.0	0.		3771.6

SOURCE LEVEL= 610.00 SOURCE NO 1 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
1.50172E+06	100.00	6.69072E-13	98.801	11053
1.50172E+06	200.00	1.35781E-12	95.727	11053
1.50172E+06	400.00	2.07375E-12	93.888	11053
1.50172E+06	600.00	2.79912E-12	92.586	11053
1.50172E+06	800.00	3.51553E-12	91.596	11053
1.50172E+06	1000.0	4.20529E-12	90.818	11053
1.50172E+06	1500.0	4.76725E-12	90.273	11053
1.50172E+06	2000.0	5.16075E-12	89.929	11053
1.50172E+06	3000.0	5.30631E-12	89.808	11053
1.50172E+06	4000.0	5.41680E-12	89.718	11053
2.18892E+06	100.00	5.48919E-13	99.326	9389.0
2.18892E+06	200.00	1.12081E-12	96.226	9389.0
2.18892E+06	400.00	1.72647E-12	94.350	9389.0
2.18892E+06	600.00	2.34728E-12	93.016	9389.0
2.18892E+06	800.00	2.96330E-12	92.004	9389.0
2.18892E+06	1000.0	3.55524E-12	91.213	9389.0
2.18892E+06	1500.0	4.02255E-12	90.676	9389.0
2.18892E+06	2000.0	4.33162E-12	90.355	9389.0
2.18892E+06	3000.0	4.44854E-12	90.239	9389.0
2.18892E+06	4000.0	4.55831E-12	90.133	9389.0
3.10619E+06	100.00	8.61383E-14	107.81	12086
3.10619E+06	200.00	1.76646E-13	104.69	12086
3.10619E+06	400.00	2.75151E-13	102.77	12086
3.10619E+06	600.00	3.80369E-13	101.36	12086
3.10619E+06	800.00	4.90713E-13	100.25	12086
3.10619E+06	1000.0	6.04378E-13	99.349	12086
3.10619E+06	1500.0	7.17998E-13	98.600	12086
3.10619E+06	2000.0	8.21134E-13	98.018	12086
3.10619E+06	3000.0	8.89999E-13	97.668	12086
3.10619E+06	4000.0	9.30558E-13	97.474	12086

SOURCE LEVEL= 610.00 SOURCE NO 2 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
3.11519E+06	100.00	2.07966E-13	103.75	10693
3.11519E+06	200.00	4.25171E-13	100.64	10693
3.11519E+06	400.00	6.57934E-13	98.747	10693
3.11519E+06	600.00	9.01647E-13	97.379	10693
3.11519E+06	800.00	1.15113E-12	96.318	10693
3.11519E+06	1000.0	1.40101E-12	95.464	10693
3.11519E+06	1500.0	1.63028E-12	94.806	10693
3.11519E+06	2000.0	1.81768E-12	94.334	10693
3.11519E+06	3000.0	1.91324E-12	94.111	10693
3.11519E+06	4000.0	1.95501E-12	94.017	10693
3.48087E+06	100.00	1.28459E-13	105.95	11243
3.48087E+06	200.00	2.61642E-13	102.86	11243
3.48087E+06	400.00	4.02470E-13	100.99	11243
3.48087E+06	600.00	5.48322E-13	99.647	11243
3.48087E+06	800.00	6.96522E-13	98.608	11243
3.48087E+06	1000.0	8.44592E-13	97.771	11243
3.48087E+06	1500.0	9.84700E-13	97.104	11243
3.48087E+06	2000.0	1.11402E-12	96.569	11243
3.48087E+06	3000.0	1.23735E-12	96.113	11243
3.48087E+06	4000.0	1.36137E-12	95.698	11243
3.61488E+06	100.00	1.27057E-13	106.16	11977
3.61488E+06	200.00	2.57766E-13	103.08	11977
3.61488E+06	400.00	3.93872E-13	101.24	11977
3.61488E+06	600.00	5.32604E-13	99.931	11977
3.61488E+06	800.00	6.71084E-13	98.928	11977
3.61488E+06	1000.0	8.06516E-13	98.129	11977
3.61488E+06	1500.0	9.24144E-13	97.538	11977
3.61488E+06	2000.0	1.01550E-12	97.129	11977
3.61488E+06	3000.0	1.05782E-12	96.951	11977
3.61488E+06	4000.0	1.07547E-12	96.879	11977

SOURCE LEVEL= 610.00 SOURCE NO 3 GROUP 4

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.68267E+06	100.00	5.38755E-15	119.44	9577.4
4.68267E+06	200.00	1.10322E-14	116.32	9577.4
4.68267E+06	400.00	1.70807E-14	114.43	9577.4
4.68267E+06	600.00	2.33604E-14	113.07	9577.4
4.68267E+06	800.00	2.96819E-14	112.03	9577.4
4.68267E+06	1000.0	3.58580E-14	111.20	9577.4
4.68267E+06	1500.0	4.10123E-14	110.62	9577.4
4.68267E+06	2000.0	4.47087E-14	110.25	9577.4
4.68267E+06	3000.0	4.62485E-14	110.10	9577.4
4.68267E+06	4000.0	4.71333E-14	110.02	9577.4
4.91088E+06	100.00	6.69288E-15	118.55	9827.5
4.91088E+06	200.00	1.36717E-14	115.44	9827.5
4.91088E+06	400.00	2.10787E-14	113.56	9827.5
4.91088E+06	600.00	2.86955E-14	112.22	9827.5
4.91088E+06	800.00	3.62906E-14	111.20	9827.5
4.91088E+06	1000.0	4.36421E-14	110.40	9827.5
4.91088E+06	1500.0	4.96477E-14	109.84	9827.5
4.91088E+06	2000.0	5.38844E-14	109.49	9827.5
4.91088E+06	3000.0	5.55145E-14	109.36	9827.5
4.91088E+06	4000.0	5.62569E-14	109.30	9827.5
4.60309E+06	100.00	3.66057E-15	119.33	3771.6
4.60309E+06	200.00	7.94982E-15	115.96	3771.6
4.60309E+06	400.00	1.32612E-14	113.74	3771.6
4.60309E+06	600.00	1.89899E-14	112.18	3771.6
4.60309E+06	800.00	2.43756E-14	111.09	3771.6
4.60309E+06	1000.0	2.88016E-14	110.37	3771.6
4.60309E+06	1500.0	3.04226E-14	110.13	3771.6
4.60309E+06	2000.0	3.09207E-14	110.06	3771.6
4.60309E+06	3000.0	3.10366E-14	110.04	3771.6
4.60309E+06	4000.0	0.		3771.6

SOURCE LEVEL= 20.00 SOURCE NO 1 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.04369E+06	100.00	1.95911E-15	123.22	5030.6
4.04369E+06	200.00	4.01637E-15	120.11	5030.6
4.04369E+06	400.00	6.12294E-15	118.27	5030.6
4.04369E+06	600.00	8.08043E-15	117.07	5030.6
4.04369E+06	800.00	9.73443E-15	116.26	5030.6
4.04369E+06	1000.0	1.10083E-14	115.73	5030.6
4.04369E+06	1500.0	1.14636E-14	115.55	5030.6
4.04369E+06	2000.0	1.15853E-14	115.50	5030.6
4.04369E+06	3000.0	1.16333E-14	115.49	5030.6
4.04369E+06	4000.0	1.16703E-14	115.47	5030.6
1.98756E+06	100.00	2.14640E-14	113.04	6270.0
1.98756E+06	200.00	4.38198E-14	109.94	6270.0
1.98756E+06	400.00	6.68128E-14	108.11	6270.0
1.98756E+06	600.00	8.88482E-14	106.87	6270.0
1.98756E+06	800.00	1.08548E-13	106.00	6270.0
1.98756E+06	1000.0	1.25020E-13	105.39	6270.0
1.98756E+06	1500.0	1.33286E-13	105.11	6270.0
1.98756E+06	2000.0	1.37073E-13	104.99	6270.0
1.98756E+06	3000.0	1.38325E-13	104.95	6270.0
1.98756E+06	4000.0	1.38767E-13	104.94	6270.0
4.00788E+06	100.00	3.15283E-15	117.29	330.81
4.00788E+06	200.00	3.87605E-15	116.39	330.81
4.00788E+06	400.00	0.		330.81
4.00788E+06	600.00	0.		330.81
4.00788E+06	800.00	0.		330.81
4.00788E+06	1000.0	0.		330.81
4.00788E+06	1500.0	0.		330.81
4.00788E+06	2000.0	0.		330.81
4.00788E+06	3000.0	0.		330.81
4.00788E+06	4000.0	0.		330.81

SOURCE LEVEL= 20.00 SOURCE NO 2 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
2.87064E+06	100.00	1.65552E-16	129.29	163.14
2.87064E+06	200.00	0.		163.14
2.87064E+06	400.00	0.		163.14
2.87064E+06	600.00	0.		163.14
2.87064E+06	800.00	0.		163.14
2.87064E+06	1000.0	0.		163.14
2.87064E+06	1500.0	0.		163.14
2.87064E+06	2000.0	0.		163.14
2.87064E+06	3000.0	0.		163.14
2.87064E+06	4000.0	0.		163.14
2.48681E+06	100.00	3.20492E-15	117.83	604.71
2.48681E+06	200.00	4.12306E-15	116.73	604.71
2.48681E+06	400.00	4.41797E-15	116.43	604.71
2.48681E+06	600.00	4.43098E-15	116.42	604.71
2.48681E+06	800.00	0.		604.71
2.48681E+06	1000.0	0.		604.71
2.48681E+06	1500.0	0.		604.71
2.48681E+06	2000.0	0.		604.71
2.48681E+06	3000.0	0.		604.71
2.48681E+06	4000.0	0.		604.71
1.59391E+06	100.00	1.55531E-14	108.94	136.67
1.59391E+06	200.00	0.		136.67
1.59391E+06	400.00	0.		136.67
1.59391E+06	600.00	0.		136.67
1.59391E+06	800.00	0.		136.67
1.59391E+06	1000.0	0.		136.67
1.59391E+06	1500.0	0.		136.67
1.59391E+06	2000.0	0.		136.67
1.59391E+06	3000.0	0.		136.67
1.59391E+06	4000.0	0.		136.67

SOURCE LEVEL= 20.00 SOURCE NO 3 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.22600E+06	100.00	9.13639E-17	132.75	361.11
4.22600E+06	200.00	1.13710E-16	131.80	361.11
4.22600E+06	400.00	0.		361.11
4.22600E+06	600.00	0.		361.11
4.22600E+06	800.00	0.		361.11
4.22600E+06	1000.0	0.		361.11
4.22600E+06	1500.0	0.		361.11
4.22600E+06	2000.0	0.		361.11
4.22600E+06	3000.0	0.		361.11
4.22600E+06	4000.0	0.		361.11
3.04460E+06	100.00	1.16498E-15	121.96	465.60
3.04460E+06	200.00	1.42003E-15	121.11	465.60
3.04460E+06	400.00	1.42046E-15	121.10	465.60
3.04460E+06	600.00	0.		465.60
3.04460E+06	800.00	0.		465.60
3.04460E+06	1000.0	0.		465.60
3.04460E+06	1500.0	0.		465.60
3.04460E+06	2000.0	0.		465.60
3.04460E+06	3000.0	0.		465.60
3.04460E+06	4000.0	0.		465.60
3.16078E+06	100.00	1.68219E-15	118.66	138.17
3.16078E+06	200.00	0.		138.17
3.16078E+06	400.00	0.		138.17
3.16078E+06	600.00	0.		138.17
3.16078E+06	800.00	0.		138.17
3.16078E+06	1000.0	0.		138.17
3.16078E+06	1500.0	0.		138.17
3.16078E+06	2000.0	0.		138.17
3.16078E+06	3000.0	0.		138.17
3.16078E+06	4000.0	0.		138.17

SOURCE LEVEL= 20.00 SOURCE NO 4 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
5.66074E+06	100.00	4.18284E-18	145.95	208.53
5.66074E+06	200.00	5.06981E-18	145.11	208.53
5.66074E+06	400.00	0.		208.53
5.66074E+06	600.00	0.		208.53
5.66074E+06	800.00	0.		208.53
5.66074E+06	1000.0	0.		208.53
5.66074E+06	1500.0	0.		208.53
5.66074E+06	2000.0	0.		208.53
5.66074E+06	3000.0	0.		208.53
5.66074E+06	4000.0	0.		208.53
4.13262E+06	100.00	5.98361E-17	134.55	232.57
4.13262E+06	200.00	6.06758E-17	134.49	232.57
4.13262E+06	400.00	0.		232.57
4.13262E+06	600.00	0.		232.57
4.13262E+06	800.00	0.		232.57
4.13262E+06	1000.0	0.		232.57
4.13262E+06	1500.0	0.		232.57
4.13262E+06	2000.0	0.		232.57
4.13262E+06	3000.0	0.		232.57
4.13262E+06	4000.0	0.		232.57
4.69381E+06	100.00	3.20406E-18	144.31	115.65
4.69381E+06	200.00	0.		115.65
4.69381E+06	400.00	0.		115.65
4.69381E+06	600.00	0.		115.65
4.69381E+06	800.00	0.		115.65
4.69381E+06	1000.0	0.		115.65
4.69381E+06	1500.0	0.		115.65
4.69381E+06	2000.0	0.		115.65
4.69381E+06	3000.0	0.		115.65
4.69381E+06	4000.0	0.		115.65

SOURCE LEVEL= 210.00 SOURCE NO 1 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.04369E+06	100.00	5.55953E-13	98.246	5030.6
4.04369E+06	200.00	1.24262E-12	94.753	5030.6
4.04369E+06	400.00	2.21814E-12	92.237	5030.6
4.04369E+06	600.00	3.47371E-12	90.288	5030.6
4.04369E+06	800.00	4.93323E-12	88.765	5030.6
4.04369E+06	1000.0	6.46379E-12	87.592	5030.6
4.04369E+06	1500.0	7.58164E-12	86.899	5030.6
4.04369E+06	2000.0	8.08072E-12	86.622	5030.6
4.04369E+06	3000.0	8.30293E-12	86.504	5030.6
4.04369E+06	4000.0	9.51606E-12	85.912	5030.6
1.98756E+06	100.00	1.25094E-11	85.050	6270.0
1.98756E+06	200.00	2.58201E-11	81.903	6270.0
1.98756E+06	400.00	4.00683E-11	79.994	6270.0
1.98756E+06	600.00	5.42777E-11	78.676	6270.0
1.98756E+06	800.00	6.75793E-11	77.724	6270.0
1.98756E+06	1000.0	7.94058E-11	77.024	6270.0
1.98756E+06	1500.0	8.73131E-11	76.611	6270.0
1.98756E+06	2000.0	9.27096E-11	76.351	6270.0
1.98756E+06	3000.0	9.43891E-11	76.273	6270.0
1.98756E+06	4000.0	9.47597E-11	76.256	6270.0
4.00788E+06	100.00	2.67758E-14	101.01	330.81
4.00788E+06	200.00	6.92352E-14	96.879	330.81
4.00788E+06	400.00	0.		330.81
4.00788E+06	600.00	0.		330.81
4.00788E+06	800.00	0.		330.81
4.00788E+06	1000.0	0.		330.81
4.00788E+06	1500.0	0.		330.81
4.00788E+06	2000.0	0.		330.81
4.00788E+06	3000.0	0.		330.81
4.00788E+06	4000.0	0.		330.81

SOURCE LEVEL= 410.00 SOURCE NO 1 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.04369E+06	100.00	5.43093E-14	108.30	5030.6
4.04369E+06	200.00	1.15956E-13	105.01	5030.6
4.04369E+06	400.00	1.88582E-13	102.89	5030.6
4.04369E+06	600.00	2.64516E-13	101.42	5030.6
4.04369E+06	800.00	3.34975E-13	100.40	5030.6
4.04369E+06	1000.0	3.93010E-13	99.704	5030.6
4.04369E+06	1500.0	4.14342E-13	99.475	5030.6
4.04369E+06	2000.0	4.18364E-13	99.433	5030.6
4.04369E+06	3000.0	4.18669E-13	99.430	5030.6
4.04369E+06	4000.0	4.18842E-13	99.428	5030.6
1.98756E+06	100.00	4.72609E-13	99.281	6270.0
1.98756E+06	200.00	9.98428E-13	96.033	6270.0
1.98756E+06	400.00	1.61846E-12	93.935	6270.0
1.98756E+06	600.00	2.30778E-12	92.394	6270.0
1.98756E+06	800.00	3.03647E-12	91.203	6270.0
1.98756E+06	1000.0	3.77559E-12	90.256	6270.0
1.98756E+06	1500.0	4.44442E-12	89.548	6270.0
1.98756E+06	2000.0	4.94167E-12	89.087	6270.0
1.98756E+06	3000.0	5.04365E-12	88.999	6270.0
1.98756E+06	4000.0	5.08514E-12	88.963	6270.0
4.00788E+06	100.00	0.		330.81
4.00788E+06	200.00	0.		330.81
4.00788E+06	400.00	0.		330.81
4.00788E+06	600.00	0.		330.81
4.00788E+06	800.00	0.		330.81
4.00788E+06	1000.0	0.		330.81
4.00788E+06	1500.0	0.		330.81
4.00788E+06	2000.0	0.		330.81
4.00788E+06	3000.0	0.		330.81
4.00788E+06	4000.0	0.		330.81

SOURCE LEVEL= 610.00 SOURCE NO 1 GROUP 5

RANGE	RECEIVER DEPTH	INTENSITY	TR LOSS	BOTTOM LEVEL
4.04369E+06	100.00	1.73011E-13	103.18	5030.6
4.04369E+06	200.00	3.73702E-13	99.833	5030.6
4.04369E+06	400.00	6.23054E-13	97.613	5030.6
4.04369E+06	600.00	9.02926E-13	96.002	5030.6
4.04369E+06	800.00	1.18865E-12	94.808	5030.6
4.04369E+06	1000.0	1.45604E-12	93.927	5030.6
4.04369E+06	1500.0	1.61805E-12	93.469	5030.6
4.04369E+06	2000.0	1.68030E-12	93.305	5030.6
4.04369E+06	3000.0	1.68214E-12	93.300	5030.6
4.04369E+06	4000.0	1.68217E-12	93.300	5030.6
1.98756E+06	100.00	6.41189E-13	97.867	6270.0
1.98756E+06	200.00	1.35710E-12	94.610	6270.0
1.98756E+06	400.00	2.20416E-12	92.504	6270.0
1.98756E+06	600.00	3.14071E-12	90.966	6270.0
1.98756E+06	800.00	4.11074E-12	89.797	6270.0
1.98756E+06	1000.0	5.05489E-12	88.899	6270.0
1.98756E+06	1500.0	5.75507E-12	88.336	6270.0
1.98756E+06	2000.0	6.22730E-12	87.993	6270.0
1.98756E+06	3000.0	6.71224E-12	87.668	6270.0
1.98756E+06	4000.0	6.88666E-12	87.556	6270.0
4.00788E+06	100.00	0.		330.81
4.00788E+06	200.00	0.		330.81
4.00788E+06	400.00	0.		330.81
4.00788E+06	600.00	0.		330.81
4.00788E+06	800.00	0.		330.81
4.00788E+06	1000.0	0.		330.81
4.00788E+06	1500.0	0.		330.81
4.00788E+06	2000.0	0.		330.81
4.00788E+06	3000.0	0.		330.81
4.00788E+06	4000.0	0.		330.81