

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PRINCIPAL FACTS FOR GRAVITY STATIONS ALONG LINES 4A AND 4B
OF THE QUEBEC-WESTERN MAINE SEISMIC REFLECTION PROFILE,
WEST-CENTRAL MAINE

By

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This report is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature. Any use of trade names is for descriptive purposes only and does not imply endorsement by the U.S. Geological Survey.

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Explanation

The 700 gravity measurements reported here were collected from October to December, 1984 as part of ongoing geologic and geophysical investigations in southern Quebec and west-central Maine (Stewart and others, 1986). The data collected are along lines 4A and 4B of the Quebec-Western Maine Seismic Reflection Profile (fig. 1). Principal facts for gravity stations along Quebec-Western Maine seismic lines 1, 2, 3A and 3B and along MERQ (Ministère de L'Energie et des Ressources, Québec) seismic reflection line 2001 are presented in a companion report (Phillips and others, 1986).

Line 4A consisted of shot points numbered 1009 through 2139 and ran from Madison to Fairfield, Maine. Line 4B consisted of shot points numbered 2180 through 4468 and ran from a point approximately 0.75 miles east of Fairfield to Penobscot Bay at Lincolnville, Maine. The shot points along line 4A were spaced 100 feet apart and the shot points along line 4B were spaced 30 meters apart. Three stations, numbered 0001 through 0003, were measured off the northwest end of line 4A to fill in a small gap between lines 3A and 4A. Station 0001 was collected at a spot elevation given on a U.S. Geological Survey 15-minute topographic map and stations 0002 and 0003 were collected at bench marks.

The rest of the elevations and station locations were surveyed by the seismic reflection contractor using a theodolite and distance meter tied to bench marks. Accuracy of the elevation measurements was to within 0.1 foot. The gravity measurements were collected at points where the contractor made elevation measurements. Since the distance between elevation measurements varied, the distance between gravity measurements also varied.

Lacoste-Romberg gravity meter G-159 was used for all readings. Stations 0001 through 2965 were referenced to a working base, named WATER, at a motel in Waterville, Maine (fig. 2). Stations 2979 through 4468 were referenced to a working base, named BELFAST, at a motel near Belfast, Maine (fig. 3). Both working bases were tied directly to the Defense Mapping Agency base AUGUSTA (Written communication, J. R. Hassell, Defense Mapping Agency, 1983), located at the Augusta State Airport, Augusta, Maine (fig. 4).

Computer programs on the U.S. Geological Survey's Digital Equipment Corporation VAX 11/780 computer system were used to obtain principal facts and terrain-corrected gravity values. A program written by D. Daniels (U.S. Geological Survey, unpub. program, 1985) was used to reduce gravity meter readings to observed gravity values by calculating and correcting for earth-tide and linear instrument drift. Observed gravity values were referenced to the IGSN71 datum (International Association of Geodesy, 1971a). The anomaly values were calculated using the

1967 formula of the Geodetic Reference System (International Association of Geodesy, 1971b). Mathematical equations are given in Cordell (1982).

Terrain corrections were computed using a program written by R. Godson (U.S. Geological Survey, unpub. program, 1978), correcting for the gravity effects of terrain from each station to a radius of 166.7 km away using the method of Plouff (1977). This program also calculates earth-curvature corrections and complete (terrain-corrected) Bouguer gravity anomaly values. These computed terrain corrections use mean elevation data digitized on a 30-second grid for corrections from 0 to 5 km, 1-minute terrain data for corrections from 5 to 21 km, and 3-minute terrain data for corrections from 21 to 166.7 km. Bathymetric depths were not included in the digital terrain data, so the terrain offshore was assumed to be flat. Therefore, there is a small additive effect due to the existence of water instead of rock. A density of 2.67 g/cc was used to calculate the terrain corrections. Corrections and gravity anomaly values are listed in the Appendix.

In addition to the gravity measurements, hand samples keyed to shot point numbers were collected for measurement of density and magnetic susceptibility. These results are reported in table 1.

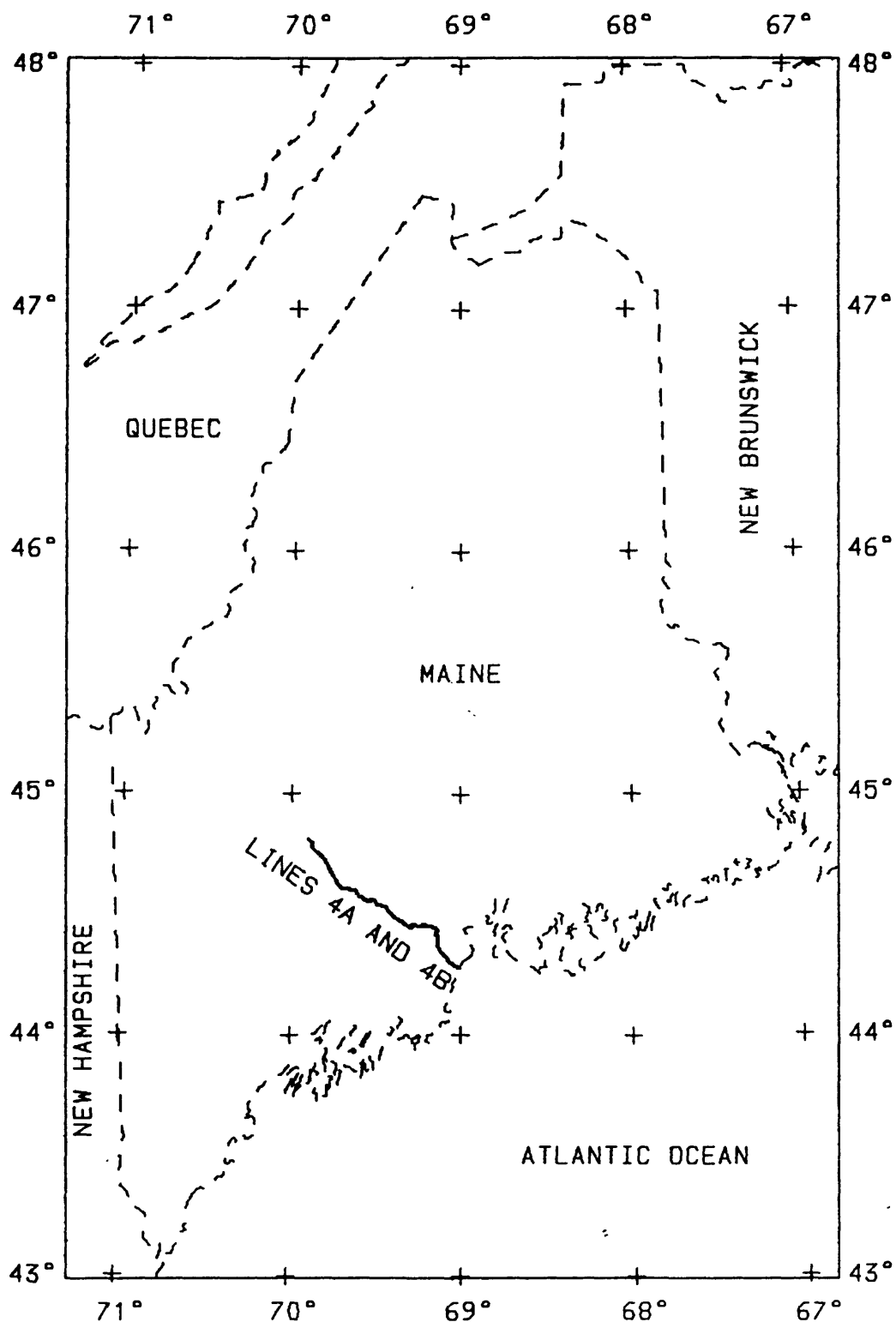


FIGURE 1: GRAVITY STATION LOCATIONS

U.S. Geological Survey Gravity Base Station

State:	Maine
Station Name:	Water
Observed Gravity:	980547.93 mgals
Elevation:	295.0 feet
Latitude:	44° 32.73' N
Longitude:	69° 40.67' W
Nearest Town:	Waterville, Maine

Description: Waterville quadrangle, located at the American Motor Inn, at the intersection of Interstate 95 exit 33 and state routes 11 and 137 (Kennedy Memorial Drive). Station is approximately 200 yards east of I-95 and approximately 35 yards north of routes 11 and 137. Station is on the northwest corner of a concrete base for a stairway to the upper level of the motel, about 30 feet north of the motel office entrance, marked with a painted circle.

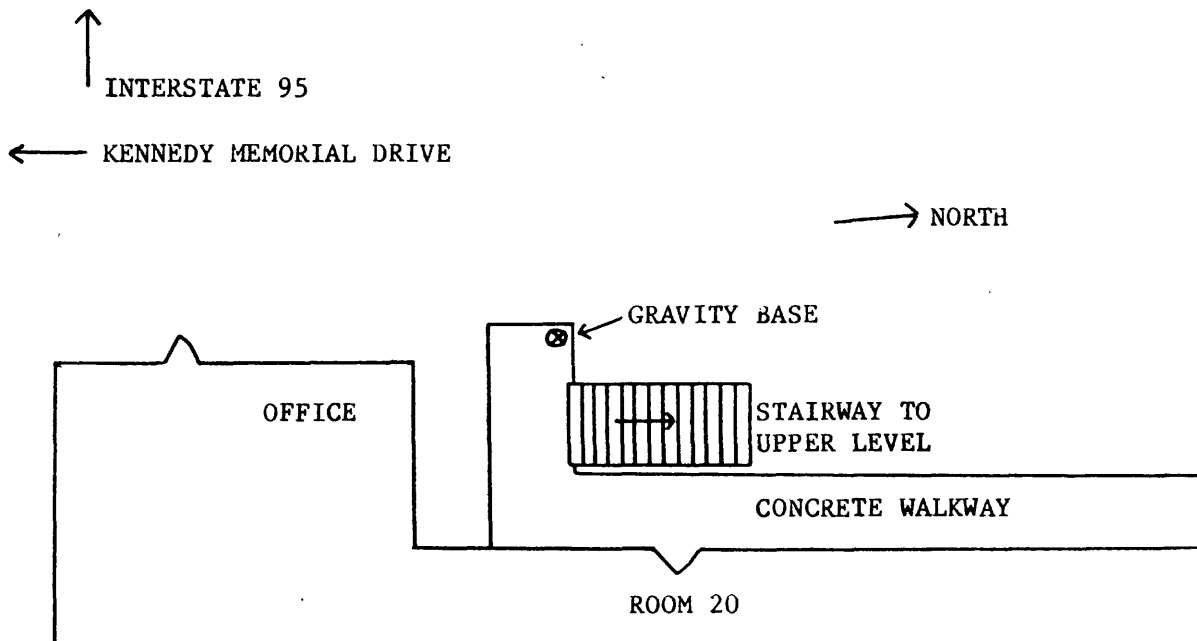


FIGURE 2

U.S. Geological Survey Gravity Base Station

State:	Maine
Station Name:	Belfast
Observed Gravity:	980547.87 mgals
Elevation:	52.0 feet
Latitude:	44° 25.86' N
Longitude:	68° 59.41' W
Nearest Town:	Belfast, Maine

Description: Searsport quadrangle, located at the Belfast Motor Inn, on U.S. route 1 and state route 3 approximately 1.3 miles east of the intersection of U.S. route 1 and High Street at the north edge of Belfast, approximately 0.75 miles east of the intersection of U.S. route 1 and state route 141, approximately 40 yards south of U.S. route 1. Station is 1.7 feet west of the easternmost of two metal posts supporting a canopy over the motel office entrance, in a line even with both metal posts, marked with a painted circle.

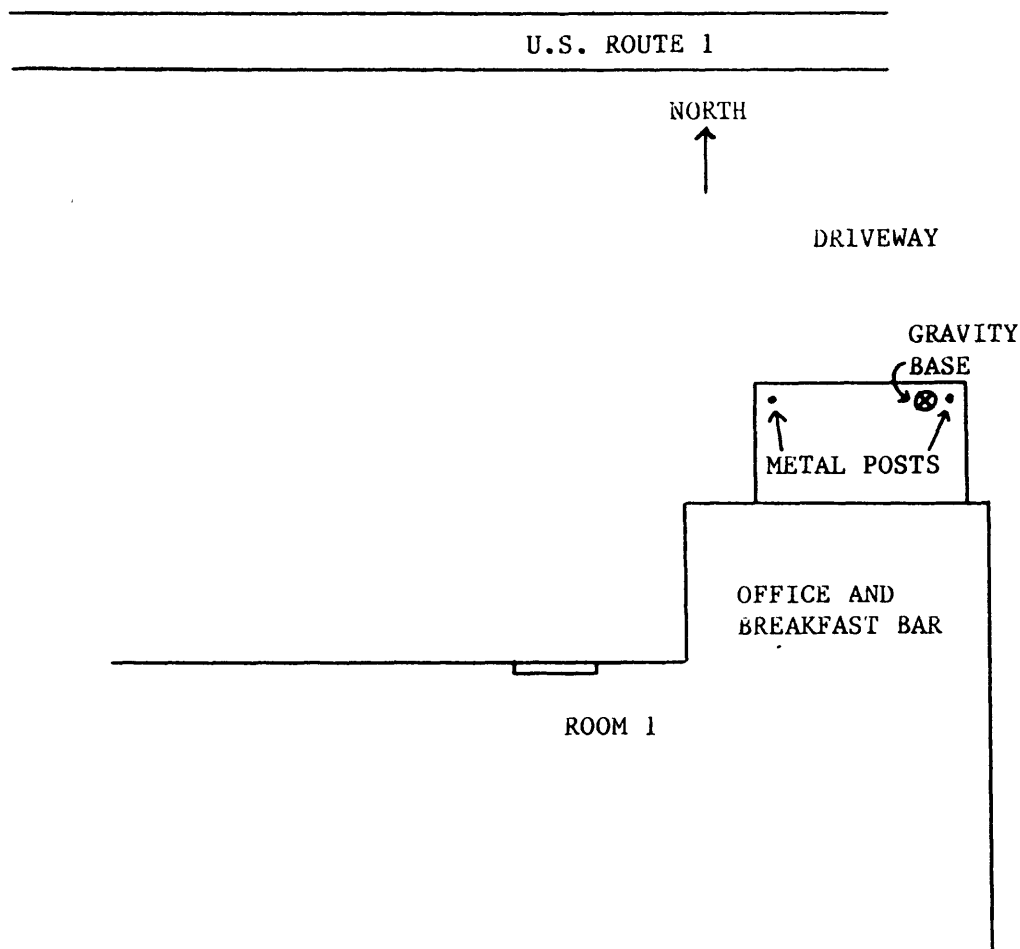


FIGURE 3

Defense Mapping Agency Base Station

State:	Maine
Station Name:	Augusta
Observed Gravity:	980522.54 mgals
Elevation:	355.0 feet
Latitude:	44° 19.2' N
Longitude:	69° 47.8' W
Nearest Town	Augusta, Maine

Description: Augusta quadrangle, Station is located at the Augusta State Airport, at the end of a concrete sidewalk to the Administration Building from field.

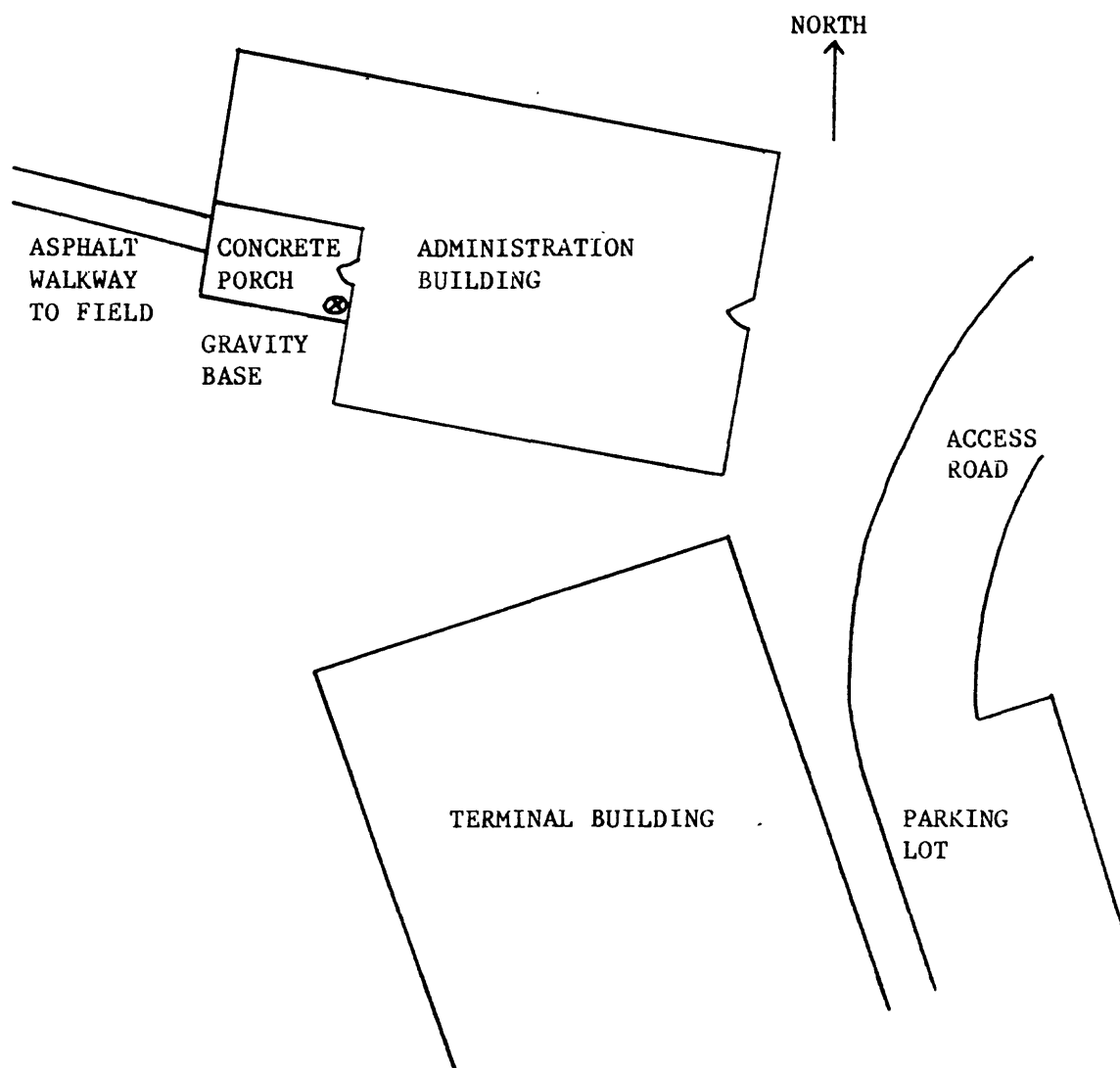


FIGURE 4

References

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TABLE 1: DENSITY AND MAGNETIC SUSCEPTIBILITY MEASUREMENTS

Sample Number (shot point)	Density (gm/cm ³)	Susceptibility (SI units x 10 ⁵)	Description
4A-1009	2.67	40	chlorite schist
4A-1112	2.57	50	aplite
4A-1112	2.62	140	granite
4A-1192	2.59	70	granite
4A-1256	2.80	60	biotite schist
4A-1265	2.75	40	biotite schist
4A-1282	2.75	30	biotite gneiss
4A-1520	2.64	300	granite
4A-1690	2.68	30	granite
4A-2027	2.78	64	slate
4A-2073	2.70	24	biotite schist
4A-2081	2.55	20	calcareous schist
4A-2139	2.74	50	slate
4B-2180	2.77	40	slate
4B-2202	2.72	80	chlorite schist
4B-2252	2.71	50	phyllite
4B-2300	2.76	36	chlorite schist
4B-2322	2.58	10	calcareous quartzite
4B-2330	2.68	30	chlorite gneiss
4B-2375	2.78	60	chlorite schist
4B-2398	2.70	50	quartzite
4B-2465	2.75	150	slate
4B-2465	2.47	10	quartzite
4B-2598	2.68	50	chlorite schist
4B-2671	2.75	50	chlorite schist
4B-2754	2.71	50	chlorite schist
4B-2801	2.69	40	chlorite schist
4B-2902	2.70	36	chlorite schist
4B-2929	2.70	30	biotite gneiss
4B-2948	2.72	34	biotite gneiss
4B-2965	2.70	30	biotite gneiss
4B-3020	2.67	44	biotite schist
4B-3041	2.75	2400	biotite schist
4B-3052	2.87	36	sulfitic biotite schist
4B-3067	2.73	30	biotite gneiss
4B-3166	2.76	36	biotite gneiss
4B-3166	2.61	5	feldspathic gneiss
4B-3174	2.75	500	biotite gneiss
4B-3278	2.78	50	biotite schist
4B-3288	2.77	20	biotite gneiss
4B-3397	2.79	80	biotite schist
4B-3422	2.82	30	biotite gneiss
4B-3888	2.75	44	chlorite schist
4B-3966	2.85	66	gneiss
4B-3994	2.66	140	quartzite
4B-4021	2.66	125	chlorite schist
4B-4128	2.71	30	biotite schist
4B-4250	2.87	130	biotite granulite
4B-4358	2.62	14	granite

APPENDIX: Principal Facts of Gravity Data

Explanation of headings

station-id Gravity station identification number.

Location

latitude North latitude in degrees, decimal
 minutes.

longitude West longitude in degrees, decimal
 minutes.

elev Station elevation in feet.

Gravity

observed Observed gravity in milligals.

Corrections

terrain Terrain correction, 166.7 km radius,
 in milligals.

curv Curvature correction in milligals.

Anomalies

free-air Free-air anomaly in milligals.

complete-Bouguer Complete Bouguer anomaly in milligals
 for density of 2.67 g/cc.

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4a-0001	44 48.47	69 53.70	324.0	980551.68	-0.05	-0.14	-19.51	-30.75
4a-0002	44 47.98	69 53.17	255.2	980554.19	-0.06	-0.11	-22.73	-31.60
4a-0003	44 47.88	69 52.97	294.7	980551.08	-0.06	-0.13	-21.98	-32.22
4a-1009	44 47.15	69 52.95	290.8	980547.89	-0.05	-0.13	-24.43	-34.52
4a-1015	44 47.06	69 52.99	291.7	980547.18	-0.05	-0.13	-24.92	-35.05
4a-1019	44 46.99	69 53.01	285.8	980547.08	-0.05	-0.12	-25.47	-35.39
4a-1024	44 46.91	69 53.00	275.9	980546.83	-0.06	-0.12	-26.53	-36.12
4a-1038	44 46.70	69 52.88	203.9	980548.46	-0.02	-0.09	-31.36	-38.42
4a-1051	44 46.50	69 52.77	224.6	980545.13	-0.07	-0.10	-32.44	-40.27
4a-1054	44 46.45	69 52.75	223.8	980545.11	-0.07	-0.10	-32.45	-40.25
4a-1060	44 46.37	69 52.67	210.3	980545.84	-0.05	-0.09	-32.87	-40.19
4a-1064	44 46.31	69 52.62	204.1	980545.47	-0.04	-0.09	-33.74	-40.83
4a-1074	44 46.19	69 52.47	228.3	980543.17	-0.07	-0.10	-33.58	-41.54
4a-1081	44 46.12	69 52.35	237.6	980542.47	-0.07	-0.10	-33.30	-41.58
4a-1100	44 45.91	69 52.01	222.6	980543.24	-0.07	-0.10	-33.63	-41.39
4a-1110	44 45.81	69 51.84	264.0	980540.86	-0.05	-0.12	-31.96	-41.13
4a-1112	44 45.79	69 51.80	266.5	980540.44	-0.05	-0.12	-32.11	-41.37
4a-1130	44 45.59	69 51.48	275.4	980539.80	-0.06	-0.12	-31.62	-41.19
4a-1139	44 45.51	69 51.32	289.2	980539.15	-0.04	-0.13	-30.84	-40.87
4a-1153	44 45.39	69 51.03	312.1	980537.69	0.01	-0.14	-29.97	-40.74
4a-1163	44 45.31	69 50.83	294.1	980539.19	-0.01	-0.13	-30.04	-40.21
4a-1170	44 45.26	69 50.69	300.5	980539.03	0.01	-0.13	-29.52	-39.89
4a-1180	44 45.15	69 50.51	276.6	980540.65	-0.06	-0.12	-29.99	-39.60
4a-1190	44 45.03	69 50.35	261.6	980541.51	-0.08	-0.11	-30.36	-39.48
4a-1197	44 44.95	69 50.24	275.1	980540.72	-0.03	-0.12	-29.76	-39.29
4a-1198	44 44.94	69 50.23	276.1	980540.67	-0.03	-0.12	-29.70	-39.26
4a-1213	44 44.76	69 49.99	246.7	980542.63	-0.07	-0.11	-30.23	-38.83
4a-1222	44 44.65	69 49.85	206.3	980546.47	-0.06	-0.09	-30.02	-37.21
4a-1229	44 44.55	69 49.76	213.6	980547.19	-0.07	-0.09	-28.47	-35.92
4a-1231	44 44.52	69 49.74	215.0	980547.39	-0.07	-0.09	-28.09	-35.59
4a-1250	44 44.26	69 49.50	197.7	980548.79	-0.04	-0.09	-27.92	-34.79
4a-1256	44 44.18	69 49.42	204.4	980548.36	-0.06	-0.09	-27.61	-34.73
4a-1265	44 44.07	69 49.28	239.8	980546.28	-0.09	-0.11	-26.18	-34.56
4a-1282	44 43.85	69 49.03	205.8	980548.22	-0.07	-0.09	-27.12	-34.29
4a-1300	44 43.63	69 48.76	221.5	980546.56	-0.09	-0.10	-26.96	-34.70
4a-1305	44 43.56	69 48.69	231.3	980545.86	-0.10	-0.10	-26.64	-34.73
4a-1312	44 43.49	69 48.56	247.4	980544.81	-0.10	-0.11	-26.06	-34.71
4a-1320	44 43.44	69 48.39	266.1	980543.37	-0.07	-0.12	-25.68	-34.94
4a-1330	44 43.37	69 48.18	292.3	980541.29	-0.01	-0.13	-25.18	-35.29
4a-1337	44 43.33	69 48.03	288.4	980541.33	-0.03	-0.13	-25.45	-35.44
4a-1344	44 43.24	69 47.92	241.7	980543.71	-0.09	-0.11	-27.33	-35.77
4a-1348	44 43.18	69 47.89	212.1	980544.96	-0.09	-0.09	-28.78	-36.19
4a-1353	44 43.10	69 47.88	182.2	980546.04	-0.05	-0.08	-30.39	-36.73
4a-1365	44 42.90	69 47.86	206.3	980543.46	-0.09	-0.09	-30.40	-37.61
4a-1368	44 42.85	69 47.85	227.4	980541.78	-0.09	-0.10	-30.01	-37.96
4a-1371	44 42.80	69 47.84	232.0	980541.15	-0.09	-0.10	-30.14	-38.24
4a-1374	44 42.76	69 47.80	224.1	980541.59	-0.09	-0.10	-30.38	-38.21
4a-1377	44 42.72	69 47.77	210.6	980542.37	-0.09	-0.09	-30.81	-38.18
4a-1382	44 42.65	69 47.71	202.9	980542.65	-0.09	-0.09	-31.15	-38.25
4a-1389	44 42.55	69 47.63	209.9	980541.83	-0.09	-0.09	-31.16	-38.50
4a-1393	44 42.49	69 47.58	217.4	980541.06	-0.09	-0.10	-31.13	-38.73
4a-1397	44 42.44	69 47.53	243.9	980538.72	-0.09	-0.11	-30.91	-39.42
4a-1406	44 42.30	69 47.44	260.1	980537.49	-0.08	-0.11	-30.40	-39.47
4a-1426	44 42.02	69 47.21	249.0	980537.05	-0.09	-0.11	-31.47	-40.16
4a-1457	44 41.57	69 46.86	241.5	980536.11	-0.09	-0.11	-32.44	-40.87
4a-1477	44 41.28	69 46.64	233.2	980535.73	-0.09	-0.10	-33.15	-41.30
4a-1480	44 41.24	69 46.60	227.6	980536.12	-0.09	-0.10	-33.23	-41.18
4a-1483	44 41.20	69 46.57	228.4	980535.88	-0.09	-0.10	-33.33	-41.31
4a-1484	44 41.18	69 46.56	226.6	980535.94	-0.09	-0.10	-33.41	-41.32
4a-1487	44 41.14	69 46.53	220.3	980536.42	-0.09	-0.10	-33.47	-41.17
4a-1492	44 41.06	69 46.49	230.6	980535.61	-0.09	-0.10	-33.19	-41.24
4a-1498	44 40.97	69 46.43	228.1	980535.58	-0.08	-0.10	-33.32	-41.28
4a-1501	44 40.93	69 46.40	224.4	980535.90	-0.08	-0.10	-33.28	-41.11
4a-1503	44 40.90	69 46.38	226.0	980535.69	-0.08	-0.10	-33.29	-41.18
4a-1504	44 40.88	69 46.37	229.5	980535.44	-0.08	-0.10	-33.19	-41.19

MAINE SEISMIC LINE 4A & 4B-COMplete BOUGUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
4a-1506	44 40.86	69 46.35	229.2	980535.46	-0.08	-0.10	-33.17	-41.17
4a-1508	44 40.83	69 46.32	228.4	980535.55	-0.08	-0.10	-33.11	-41.08
4a-1509	44 40.81	69 46.31	225.6	980535.69	-0.07	-0.10	-33.20	-41.06
4a-1517	44 40.68	69 46.24	216.8	980536.36	-0.05	-0.10	-33.16	-40.70
4a-1520	44 40.65	69 46.21	218.1	980536.22	-0.05	-0.10	-33.13	-40.72
4a-1522	44 40.62	69 46.19	217.3	980536.31	-0.05	-0.10	-33.07	-40.63
4a-1525	44 40.57	69 46.16	223.6	980535.71	-0.06	-0.10	-33.00	-40.79
4a-1528	44 40.53	69 46.14	230.8	980535.28	-0.07	-0.10	-32.70	-40.74
4a-1534	44 40.43	69 46.08	215.2	980536.22	-0.03	-0.09	-33.08	-40.54
4a-1541	44 40.33	69 46.01	217.3	980536.40	-0.03	-0.10	-32.54	-40.08
4a-1544	44 40.29	69 45.97	215.7	980536.66	0.00	-0.09	-32.38	-39.83
4a-1546	44 40.25	69 45.95	215.8	980536.47	-0.01	-0.09	-32.49	-39.96
4a-1549	44 40.23	69 45.90	215.8	980536.60	-0.03	-0.09	-32.33	-39.82
4a-1552	44 40.18	69 45.86	217.9	980536.34	-0.04	-0.10	-32.32	-39.89
4a-1558	44 40.11	69 45.77	217.1	980536.64	-0.04	-0.10	-31.99	-39.53
4a-1560	44 40.08	69 45.75	218.4	980536.64	-0.04	-0.10	-31.83	-39.41
4a-1565	44 40.00	69 45.70	228.1	980536.02	-0.07	-0.10	-31.41	-39.36
4a-1573	44 39.88	69 45.63	214.3	980536.67	-0.04	-0.09	-31.87	-39.32
4a-1583	44 39.73	69 45.54	219.7	980536.63	-0.03	-0.10	-31.18	-38.80
4a-1588	44 39.65	69 45.49	223.1	980536.38	-0.06	-0.10	-30.99	-38.76
4a-1592	44 39.59	69 45.45	216.2	980537.04	-0.05	-0.09	-30.89	-38.41
4a-1594	44 39.56	69 45.43	218.9	980536.84	-0.05	-0.10	-30.79	-38.41
4a-1597	44 39.50	69 45.39	216.5	980537.14	-0.06	-0.10	-30.63	-38.17
4a-1600	44 39.46	69 45.36	223.1	980536.72	-0.07	-0.10	-30.36	-38.14
4a-1603	44 39.41	69 45.33	224.8	980536.68	-0.08	-0.10	-30.17	-38.02
4a-1605	44 39.39	69 45.30	220.1	980537.05	-0.08	-0.10	-30.22	-37.90
4a-1609	44 39.34	69 45.25	225.9	980536.71	-0.08	-0.10	-29.93	-37.82
4a-1614	44 39.27	69 45.18	221.8	980536.85	-0.08	-0.10	-30.07	-37.82
4a-1619	44 39.20	69 45.11	218.0	980537.27	-0.08	-0.10	-29.90	-37.52
4a-1624	44 39.13	69 45.04	218.7	980537.24	-0.08	-0.10	-29.77	-37.40
4a-1632	44 39.03	69 44.93	222.0	980537.29	-0.08	-0.10	-29.25	-37.00
4a-1642	44 38.91	69 44.77	222.4	980537.71	-0.09	-0.10	-28.61	-36.39
4a-1671	44 38.50	69 44.41	222.9	980538.75	-0.08	-0.10	-26.91	-34.69
4a-1680	44 38.36	69 44.33	226.1	980538.79	-0.06	-0.10	-26.36	-34.23
4a-1690	44 38.22	69 44.22	288.4	980535.55	-0.07	-0.13	-23.53	-33.56
4a-1698	44 38.09	69 44.13	327.0	980533.61	-0.01	-0.14	-21.64	-32.94
4a-1707	44 37.96	69 44.08	355.2	980532.13	0.02	-0.15	-20.27	-32.52
4a-1711	44 37.89	69 44.05	362.9	980531.96	0.03	-0.16	-19.61	-32.12
4a-1716	44 37.82	69 44.00	374.0	980531.66	0.10	-0.16	-18.76	-31.58
4a-1735	44 37.54	69 43.81	419.0	980530.88	0.16	-0.18	-14.89	-29.20
4a-1738	44 37.50	69 43.77	413.2	980531.45	0.08	-0.18	-14.81	-29.00
4a-1740	44 37.47	69 43.74	413.4	980531.63	0.09	-0.18	-14.56	-28.75
4a-1745	44 37.41	69 43.66	406.9	980532.37	0.06	-0.18	-14.34	-28.34
4a-1751	44 37.34	69 43.56	391.2	980533.48	0.01	-0.17	-14.60	-28.10
4a-1760	44 37.25	69 43.40	383.0	980534.70	-0.02	-0.17	-14.02	-27.27
4a-1777	44 37.03	69 43.14	350.0	980538.72	-0.05	-0.15	-12.77	-24.91
4a-1783	44 36.97	69 43.04	344.9	980539.58	-0.07	-0.15	-12.30	-24.28
4a-1787	44 36.91	69 42.97	356.0	980539.19	-0.05	-0.15	-11.55	-23.90
4a-1790	44 36.89	69 42.92	358.7	980539.21	-0.05	-0.16	-11.25	-23.69
4a-1793	44 36.86	69 42.87	357.4	980539.50	-0.05	-0.16	-11.03	-23.42
4a-1798	44 36.80	69 42.78	360.1	980539.62	-0.04	-0.16	-10.57	-23.05
4a-1802	44 36.75	69 42.71	356.8	980540.03	-0.05	-0.16	-10.40	-22.77
4a-1810	44 36.65	69 42.60	361.5	980540.04	-0.04	-0.16	-9.80	-22.32
4a-1814	44 36.59	69 42.55	365.5	980539.83	-0.04	-0.16	-9.53	-22.20
4a-1819	44 36.52	69 42.49	377.2	980539.39	-0.02	-0.16	-8.78	-21.82
4a-1823	44 36.47	69 42.43	371.4	980540.08	-0.04	-0.16	-8.55	-21.42
4a-1826	44 36.46	69 42.37	359.0	980541.15	-0.04	-0.16	-8.63	-21.07
4a-1833	44 36.43	69 42.21	361.2	980541.58	-0.04	-0.16	-7.95	-20.47
4a-1837	44 36.41	69 42.12	389.1	980540.18	-0.01	-0.17	-6.70	-20.15
4a-1855	44 36.34	69 41.71	454.1	980537.79	0.17	-0.20	-2.87	-18.38
4a-1861	44 36.33	69 41.58	437.7	980539.26	0.12	-0.19	-2.93	-17.92
4a-1867	44 36.31	69 41.44	416.0	980540.90	0.07	-0.18	-3.29	-17.59
4a-1869	44 36.30	69 41.39	406.4	980541.57	0.05	-0.18	-3.51	-17.49
4a-1873	44 36.28	69 41.30	398.6	980542.33	0.06	-0.17	-3.46	-17.16
4a-1878	44 36.25	69 41.19	380.6	980543.51	0.03	-0.17	-3.93	-17.04

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUGUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
4a-1887	44 36.23	69 40.99	310.0	980548.39	0.00	-0.14	-5.66	-16.36
4a-1893	44 36.21	69 40.84	296.9	980549.50	-0.03	-0.13	-5.74	-16.03
4a-1899	44 36.18	69 40.71	272.8	980550.97	-0.04	-0.12	-6.50	-15.96
4a-1918	44 36.12	69 40.28	224.9	980554.15	-0.05	-0.10	-7.74	-15.56
4a-1928	44 36.09	69 40.06	222.7	980554.02	-0.07	-0.10	-8.03	-15.79
4a-1932	44 36.09	69 39.96	207.0	980555.19	-0.07	-0.09	-8.33	-15.55
4a-1936	44 36.13	69 39.89	195.9	980555.81	-0.07	-0.09	-8.81	-15.65
4a-1937	44 36.13	69 39.87	185.0	980556.51	-0.06	-0.08	-9.14	-15.59
4a-1938	44 36.13	69 39.84	181.5	980556.79	-0.06	-0.08	-9.19	-15.52
4a-1939	44 36.13	69 39.82	165.9	980557.80	-0.04	-0.07	-9.64	-15.41
4a-1942	44 36.12	69 39.75	135.3	980559.97	0.03	-0.06	-10.34	-14.99
4a-1943	44 36.12	69 39.73	132.4	980559.64	0.04	-0.06	-10.94	-15.48
4a-1945	44 36.12	69 39.68	135.7	980559.44	0.01	-0.06	-10.83	-15.51
4a-1946	44 36.12	69 39.66	134.5	980559.47	0.01	-0.06	-10.92	-15.55
4a-1947	44 36.12	69 39.64	142.4	980558.92	-0.02	-0.06	-10.72	-15.66
4a-1949	44 36.11	69 39.59	131.6	980559.56	-0.01	-0.06	-11.08	-15.64
4a-1952	44 36.08	69 39.55	121.8	980560.13	0.00	-0.05	-11.39	-15.59
4a-1956	44 36.03	69 39.48	140.7	980559.27	-0.04	-0.06	-10.39	-15.29
4a-1966	44 35.90	69 39.34	130.7	980560.04	0.04	-0.06	-10.37	-14.84
4a-1982	44 35.93	69 38.99	230.9	980555.52	-0.05	-0.10	-5.51	-13.53
4a-1983	44 35.93	69 38.97	237.6	980555.08	-0.05	-0.10	-5.32	-13.58
4a-1986	44 35.93	69 38.90	263.4	980553.63	-0.03	-0.12	-4.35	-13.48
4a-1995	44 35.90	69 38.70	298.1	980551.89	-0.01	-0.13	-2.78	-13.09
4a-2001	44 35.88	69 38.56	296.5	980552.08	-0.02	-0.13	-2.70	-12.96
4a-2007	44 35.86	69 38.43	310.3	980551.35	-0.01	-0.14	-2.11	-12.83
4a-2019	44 35.82	69 38.16	267.1	980554.58	-0.03	-0.12	-2.88	-12.14
4a-2027	44 35.79	69 37.97	250.7	980555.95	-0.04	-0.11	-3.01	-11.71
4a-2034	44 35.77	69 37.81	232.9	980557.33	-0.05	-0.10	-3.27	-11.37
4a-2041	44 35.75	69 37.65	233.1	980557.71	-0.06	-0.10	-2.84	-10.95
4a-2047	44 35.72	69 37.52	222.8	980558.76	-0.07	-0.10	-2.71	-10.48
4a-2052	44 35.71	69 37.40	222.2	980559.40	-0.07	-0.10	-2.12	-9.86
4a-2056	44 35.68	69 37.31	228.2	980559.35	-0.07	-0.10	-1.56	-9.51
4a-2069	44 35.64	69 37.02	196.6	980561.02	-0.09	-0.09	-2.80	-9.68
4a-2075	44 35.59	69 36.93	153.6	980563.42	-0.08	-0.07	-4.37	-9.76
4a-2077	44 35.56	69 36.93	151.5	980563.67	-0.08	-0.07	-4.27	-9.58
4a-2078	44 35.54	69 36.93	143.7	980564.26	-0.08	-0.06	-4.39	-9.43
4a-2079	44 35.52	69 36.93	160.9	980563.26	-0.09	-0.07	-3.74	-9.39
4a-2081	44 35.49	69 36.93	162.2	980563.33	-0.08	-0.07	-3.49	-9.18
4a-2082	44 35.48	69 36.93	177.6	980562.40	-0.08	-0.08	-2.96	-9.18
4a-2083	44 35.46	69 36.93	178.3	980562.34	-0.08	-0.08	-2.92	-9.16
4a-2089	44 35.36	69 36.93	172.6	980562.65	-0.08	-0.08	-3.00	-9.05
4a-2092	44 35.31	69 36.93	159.0	980563.44	-0.10	-0.07	-3.41	-9.01
4a-2094	44 35.28	69 36.93	146.6	980564.16	-0.10	-0.06	-3.82	-8.98
4a-2099	44 35.20	69 36.93	136.9	980564.67	-0.09	-0.06	-4.10	-8.92
4a-2100	44 35.18	69 36.93	139.9	980564.49	-0.10	-0.06	-3.96	-8.90
4a-2101	44 35.16	69 36.93	137.8	980564.57	-0.10	-0.06	-4.05	-8.92
4a-2102	44 35.15	69 36.93	141.9	980564.24	-0.10	-0.06	-3.98	-8.98
4a-2103	44 35.13	69 36.93	143.1	980564.05	-0.10	-0.06	-4.02	-9.07
4a-2105	44 35.09	69 36.93	132.2	980564.68	-0.10	-0.06	-4.37	-9.03
4a-2107	44 35.06	69 36.93	132.6	980564.42	-0.10	-0.06	-4.54	-9.23
4a-2118	44 35.00	69 36.72	130.6	980564.36	-0.11	-0.06	-4.70	-9.32
4a-2122	44 34.99	69 36.63	128.4	980564.76	-0.11	-0.06	-4.49	-9.03
4a-2123	44 34.99	69 36.61	135.2	980564.51	-0.11	-0.06	-4.10	-8.88
4a-2124	44 35.00	69 36.59	185.9	980564.54	-0.11	-0.06	-4.02	-8.82
4a-2129	44 34.99	69 36.48	143.1	980564.19	-0.11	-0.06	-3.68	-8.73
4b-2180	44 34.29	69 36.12	135.3	980563.37	-0.11	-0.06	-4.17	-8.96
4b-2193	44 34.25	69 35.83	136.3	980563.76	-0.12	-0.06	-3.63	-8.46
4b-2202	44 34.22	69 35.63	160.1	980562.61	-0.09	-0.07	-2.50	-8.12
4b-2205	44 34.21	69 35.57	159.2	980562.60	-0.09	-0.07	-2.58	-8.17
4b-2214	44 34.18	69 35.36	159.5	980562.72	-0.09	-0.07	-2.38	-7.99
4b-2218	44 34.20	69 35.27	158.3	980562.83	-0.08	-0.07	-2.42	-7.97
4b-2224	44 34.16	69 35.14	152.9	980563.18	-0.10	-0.07	-2.51	-7.89
4b-2228	44 34.14	69 35.06	146.3	980563.52	-0.11	-0.06	-2.76	-7.93
4b-2231	44 34.11	69 35.00	145.6	980563.57	-0.11	-0.06	-2.73	-7.87
4b-2245	44 34.00	69 34.72	112.3	980565.46	-0.12	-0.05	-3.81	-7.81

MAINE SEISMIC LINE 4A & 4B-COMplete BOUGUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
4b-2254	44 33.93	69 34.54	104.3	980565.45	-0.12	-0.05	-4.47	-8.19
4b-2257	44 33.91	69 34.49	98.0	980565.45	-0.12	-0.04	-5.03	-8.54
4b-2271	44 33.80	69 34.23	80.2	980566.37	-0.09	-0.04	-5.62	-8.48
4b-2273	44 33.78	69 34.18	102.8	980565.03	-0.12	-0.05	-4.81	-8.48
4b-2275	44 33.75	69 34.15	113.2	980564.36	-0.12	-0.05	-4.45	-8.48
4b-2276	44 33.75	69 34.13	115.2	980564.19	-0.12	-0.05	-4.43	-8.53
4b-2278	44 33.74	69 34.08	126.6	980563.50	-0.11	-0.06	-4.03	-8.52
4b-2279	44 33.72	69 34.09	124.7	980563.62	-0.11	-0.06	-4.06	-8.48
4b-2284	44 33.64	69 34.08	116.0	980563.86	-0.12	-0.05	-4.52	-8.65
4b-2289	44 33.56	69 34.08	109.4	980563.84	-0.11	-0.05	-5.04	-8.93
4b-2290	44 33.55	69 34.08	112.3	980563.62	-0.11	-0.05	-4.97	-8.96
4b-2295	44 33.47	69 34.08	108.7	980563.27	-0.11	-0.05	-5.54	-9.41
4b-2297	44 33.43	69 34.08	124.2	980562.40	-0.11	-0.05	-4.89	-9.29
4b-2298	44 33.41	69 34.08	126.2	980561.64	-0.11	-0.06	-5.43	-9.90
4b-2299	44 33.40	69 34.08	137.5	980561.61	-0.10	-0.06	-4.38	-9.23
4b-2300	44 33.39	69 34.06	139.6	980561.50	-0.10	-0.06	-4.28	-9.21
4b-2308	44 33.39	69 33.88	118.3	980562.12	-0.11	-0.05	-5.67	-9.86
4b-2314	44 33.40	69 33.74	113.7	980561.93	-0.09	-0.05	-6.30	-10.32
4b-2322	44 33.41	69 33.56	154.2	980559.51	-0.10	-0.07	-4.93	-10.36
4b-2324	44 33.41	69 33.52	160.7	980559.20	-0.10	-0.07	-4.63	-10.28
4b-2327	44 33.41	69 33.45	166.5	980558.54	-0.10	-0.07	-4.74	-10.59
4b-2330	44 33.38	69 33.39	175.8	980558.06	-0.09	-0.08	-4.31	-10.47
4b-2335	44 33.32	69 33.31	167.7	980558.01	-0.10	-0.07	-5.03	-10.92
4b-2338	44 33.29	69 33.27	159.2	980558.43	-0.11	-0.07	-5.36	-10.97
4b-2343	44 33.25	69 33.16	147.3	980558.72	-0.11	-0.07	-6.12	-11.32
4b-2350	44 33.24	69 33.00	154.2	980557.98	-0.11	-0.07	-6.21	-11.64
4b-2356	44 33.18	69 32.88	151.3	980557.93	-0.11	-0.07	-6.43	-11.77
4b-2365	44 33.11	69 32.72	137.9	980558.20	-0.10	-0.06	-7.32	-12.18
4b-2372	44 33.07	69 32.56	152.0	980557.22	-0.10	-0.07	-6.92	-12.27
4b-2375	44 33.07	69 32.50	157.9	980556.83	-0.10	-0.07	-6.76	-12.31
4b-2382	44 33.08	69 32.34	162.6	980556.36	-0.09	-0.07	-6.80	-12.51
4b-2387	44 33.11	69 32.23	163.8	980556.47	-0.09	-0.07	-6.61	-12.36
4b-2390	44 33.13	69 32.18	163.3	980556.45	-0.09	-0.07	-6.71	-12.45
4b-2394	44 33.16	69 32.09	166.7	980556.29	-0.09	-0.07	-6.60	-12.45
4b-2398	44 33.20	69 32.02	174.0	980555.97	-0.09	-0.08	-6.29	-12.39
4b-2401	44 33.23	69 31.96	172.7	980556.15	-0.09	-0.08	-6.28	-12.34
4b-2410	44 33.33	69 31.81	178.3	980555.60	-0.09	-0.08	-6.46	-12.71
4b-2421	44 33.45	69 31.63	222.1	980553.44	-0.07	-0.10	-4.67	-12.42
4b-2423	44 33.47	69 31.59	223.8	980553.40	-0.07	-0.10	-4.58	-12.39
4b-2426	44 33.50	69 31.54	215.8	980553.94	-0.08	-0.09	-4.85	-12.38
4b-2432	44 33.55	69 31.42	197.7	980555.11	-0.09	-0.09	-5.45	-12.37
4b-2436	44 33.57	69 31.34	194.2	980555.58	-0.09	-0.09	-5.34	-12.14
4b-2442	44 33.59	69 31.20	183.0	980555.76	-0.08	-0.08	-6.25	-12.65
4b-2445	44 33.59	69 31.13	183.1	980555.73	-0.09	-0.08	-6.26	-12.68
4b-2454	44 33.58	69 30.93	183.5	980555.75	-0.08	-0.08	-6.19	-12.61
4b-2457	44 33.57	69 30.86	191.3	980555.20	-0.08	-0.08	-5.99	-12.68
4b-2461	44 33.56	69 30.78	210.4	980553.67	-0.08	-0.09	-5.71	-13.06
4b-2465	44 33.53	69 30.69	241.3	980551.83	-0.06	-0.11	-4.61	-13.00
4b-2475	44 33.43	69 30.51	263.9	980550.05	-0.04	-0.12	-4.10	-13.26
4b-2482	44 33.34	69 30.40	237.1	980551.40	-0.07	-0.10	-5.14	-13.40
4b-2489	44 33.27	69 30.30	247.4	980550.69	-0.06	-0.11	-4.77	-13.38
4b-2494	44 33.21	69 30.23	233.9	980551.19	-0.07	-0.10	-5.46	-13.61
4b-2507	44 33.04	69 30.04	227.6	980551.29	-0.07	-0.10	-5.69	-13.62
4b-2509	44 33.02	69 30.01	237.4	980551.19	-0.07	-0.10	-4.84	-13.11
4b-2520	44 32.88	69 29.86	226.8	980551.30	-0.07	-0.10	-5.52	-13.42
4b-2529	44 32.77	69 29.71	224.9	980551.23	-0.07	-0.10	-5.60	-13.44
4b-2532	44 32.74	69 29.67	221.7	980551.35	-0.07	-0.10	-5.73	-13.46
4b-2534	44 32.71	69 29.65	220.5	980551.19	-0.07	-0.10	-5.96	-13.65
4b-2540	44 32.63	69 29.57	233.9	980550.14	-0.07	-0.10	-5.63	-13.78
4b-2544	44 32.57	69 29.53	250.5	980548.97	-0.06	-0.11	-5.15	-13.86
4b-2563	44 32.31	69 29.30	223.7	980550.08	-0.05	-0.10	-6.17	-13.95
4b-2569	44 32.29	69 29.17	232.1	980549.69	-0.06	-0.10	-5.74	-13.81
4b-2578	44 32.25	69 28.97	217.0	980550.68	-0.05	-0.10	-6.10	-13.65
4b-2585	44 32.23	69 28.82	231.3	980549.87	-0.06	-0.10	-5.54	-13.59
4b-2591	44 32.21	69 28.69	238.3	980549.52	-0.06	-0.10	-5.21	-13.50

MAINE SEISMIC LINE 4A & 4B-COMplete BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-2595	44 32.18	69 28.60	233.4	980549.86	-0.06	-0.10	-5.28	-13.40
4b-2597	44 32.18	69 28.55	227.4	980550.13	-0.06	-0.10	-5.57	-13.49
4b-2602	44 32.16	69 28.44	238.5	980549.57	-0.06	-0.10	-5.06	-13.36
4b-2611	44 32.14	69 28.24	225.1	980550.36	-0.05	-0.10	-5.50	-13.33
4b-2615	44 32.12	69 28.15	218.4	980550.65	-0.05	-0.10	-5.81	-13.40
4b-2620	44 32.11	69 28.04	200.8	980551.60	-0.04	-0.09	-6.50	-13.48
4b-2637	44 32.02	69 27.68	195.2	980551.63	-0.05	-0.09	-6.86	-13.66
4b-2640	44 32.00	69 27.61	199.5	980551.49	-0.05	-0.09	-6.56	-13.51
4b-2643	44 32.00	69 27.54	192.7	980551.83	-0.04	-0.08	-6.86	-13.56
4b-2646	44 31.99	69 27.48	193.6	980551.68	-0.04	-0.09	-6.91	-13.64
4b-2648	44 31.98	69 27.43	195.0	980551.60	-0.03	-0.09	-6.85	-13.61
4b-2651	44 31.95	69 27.38	208.8	980550.62	-0.04	-0.09	-6.48	-13.74
4b-2656	44 31.90	69 27.29	182.6	980552.36	0.00	-0.08	-7.14	-13.45
4b-2664	44 31.87	69 27.12	196.5	980551.43	-0.01	-0.09	-6.71	-13.51
4b-2667	44 31.87	69 27.05	202.0	980551.07	0.00	-0.09	-6.56	-13.54
4b-2671	44 31.88	69 26.96	234.8	980549.36	-0.03	-0.10	-5.20	-13.34
4b-2673	44 31.88	69 26.91	236.7	980549.19	-0.03	-0.10	-5.18	-13.39
4b-2675	44 31.88	69 26.87	247.8	980548.54	-0.02	-0.11	-4.79	-13.37
4b-2679	44 31.88	69 26.78	273.5	980547.11	-0.03	-0.12	-3.80	-13.28
4b-2682	44 31.89	69 26.71	295.9	980545.86	0.00	-0.13	-2.96	-13.18
4b-2696	44 31.95	69 26.41	303.7	980545.57	0.00	-0.13	-2.61	-13.10
4b-2703	44 31.98	69 26.26	301.0	980545.75	0.00	-0.13	-2.73	-13.13
4b-2705	44 31.99	69 26.22	297.0	980546.01	0.00	-0.13	-2.86	-13.12
4b-2709	44 32.00	69 26.13	304.6	980545.69	0.02	-0.13	-2.48	-12.98
4b-2719	44 31.85	69 26.09	297.3	980545.97	-0.01	-0.13	-2.66	-12.94
4b-2734	44 31.61	69 26.02	314.0	980544.96	0.00	-0.14	-1.74	-12.59
4b-2739	44 31.53	69 26.00	309.0	980545.22	0.00	-0.13	-1.83	-12.50
4b-2744	44 31.45	69 25.99	308.7	980545.22	0.00	-0.13	-1.74	-12.40
4b-2745	44 31.44	69 25.99	312.8	980544.91	0.00	-0.14	-1.65	-12.45
4b-2749	44 31.37	69 25.99	323.8	980544.20	0.01	-0.14	-1.22	-12.40
4b-2754	44 31.29	69 25.99	326.3	980544.04	0.02	-0.14	-1.02	-12.27
4b-2768	44 31.17	69 25.74	266.2	980547.86	0.02	-0.12	-2.68	-11.85
4b-2773	44 31.12	69 25.65	262.9	980548.14	0.02	-0.12	-2.62	-11.68
4b-2778	44 31.08	69 25.56	251.6	980548.81	0.03	-0.11	-2.96	-11.63
4b-2781	44 31.05	69 25.50	245.0	980549.16	0.03	-0.11	-3.19	-11.62
4b-2786	44 30.99	69 25.44	239.7	980549.63	0.05	-0.11	-3.12	-11.35
4b-2789	44 30.95	69 25.40	230.5	980550.19	0.08	-0.10	-3.36	-11.25
4b-2801	44 30.80	69 25.24	256.9	980548.58	0.04	-0.11	-2.27	-11.10
4b-2807	44 30.80	69 25.11	256.8	980548.54	0.05	-0.11	-2.31	-11.13
4b-2812	44 30.73	69 25.05	260.1	980548.26	0.06	-0.11	-2.18	-11.10
4b-2824	44 30.57	69 24.93	274.8	980547.53	0.08	-0.12	-1.29	-10.70
4b-2834	44 30.42	69 24.87	327.8	980544.27	0.06	-0.14	0.66	-10.60
4b-2837	44 30.38	69 24.83	343.8	980543.33	0.06	-0.15	1.29	-10.53
4b-2839	44 30.36	69 24.79	350.0	980543.16	0.06	-0.15	1.72	-10.31
4b-2851	44 30.24	69 24.60	425.1	980538.81	0.15	-0.18	4.63	-9.91
4b-2861	44 30.12	69 24.46	472.5	980536.57	0.20	-0.20	7.02	-9.09
4b-2870	44 30.04	69 24.30	506.6	980535.31	0.21	-0.22	9.09	-8.20
4b-2879	44 29.95	69 24.14	538.2	980532.84	0.24	-0.23	9.73	-8.62
4b-2887	44 29.88	69 24.00	541.5	980532.01	0.21	-0.23	9.31	-9.18
4b-2892	44 29.84	69 23.91	538.8	980531.87	0.18	-0.23	8.98	-9.45
4b-2895	44 29.80	69 23.87	540.8	980531.61	0.19	-0.23	8.97	-9.52
4b-2902	44 29.71	69 23.78	541.6	980531.22	0.18	-0.23	8.79	-9.74
4b-2906	44 29.66	69 23.72	551.9	980530.45	0.20	-0.24	9.06	-9.80
4b-2908	44 29.64	69 23.68	551.4	980530.43	0.19	-0.24	9.02	-9.83
4b-2919	44 29.52	69 23.49	519.6	980531.93	0.12	-0.22	7.72	-10.10
4b-2929	44 29.39	69 23.35	529.6	980530.86	0.15	-0.23	7.79	-10.35
4b-2931	44 29.37	69 23.32	528.5	980530.88	0.15	-0.23	7.74	-10.36
4b-2937	44 29.30	69 23.23	530.3	980530.54	0.16	-0.23	7.67	-10.49
4b-2948	44 29.15	69 23.10	549.8	980528.78	0.20	-0.24	7.96	-10.83
4b-2952	44 29.12	69 23.02	544.5	980529.24	0.16	-0.23	7.98	-10.67
4b-2957	44 29.11	69 22.91	516.7	980530.60	0.13	-0.22	6.74	-10.98
4b-2961	44 29.11	69 22.82	528.6	980529.84	0.14	-0.23	7.10	-11.02
4b-2965	44 29.10	69 22.75	543.4	980528.72	0.15	-0.23	7.38	-11.23
4b-2979	44 28.98	69 22.48	588.5	980525.79	0.20	-0.25	8.88	-11.25
4b-2981	44 28.95	69 22.46	597.6	980525.21	0.22	-0.25	9.20	-11.22

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-2988	44 28.85	69 22.40	624.6	980523.66	0.29	-0.27	10.33	-10.95
4b-2990	44 28.82	69 22.38	632.3	980523.20	0.30	-0.27	10.65	-10.89
4b-2993	44 28.79	69 22.33	645.2	980522.42	0.34	-0.27	11.13	-10.81
4b-2998	44 28.74	69 22.23	667.8	980521.00	0.41	-0.28	11.90	-10.75
4b-3001	44 28.72	69 22.18	678.1	980520.36	0.43	-0.29	12.26	-10.73
4b-3012	44 28.62	69 21.97	713.6	980518.30	0.45	-0.30	13.68	-10.51
4b-3014	44 28.60	69 21.93	713.9	980518.31	0.43	-0.30	13.75	-10.47
4b-3017	44 28.57	69 21.88	705.8	980518.97	0.38	-0.30	13.70	-10.29
4b-3020	44 28.55	69 21.82	704.6	980519.11	0.36	-0.30	13.76	-10.21
4b-3024	44 28.51	69 21.74	674.5	980521.04	0.28	-0.29	12.92	-10.09
4b-3030	44 28.46	69 21.63	687.5	980520.67	0.30	-0.29	13.84	-9.60
4b-3034	44 28.42	69 21.55	679.7	980521.38	0.29	-0.29	13.88	-9.30
4b-3036	44 28.42	69 21.51	673.6	980521.87	0.27	-0.29	13.80	-9.19
4b-3041	44 28.40	69 21.39	685.4	980521.46	0.31	-0.29	14.53	-8.83
4b-3052	44 28.32	69 21.17	692.0	980520.33	0.35	-0.29	14.14	-9.40
4b-3054	44 28.32	69 21.13	681.3	980520.69	0.32	-0.29	13.49	-9.71
4b-3058	44 28.32	69 21.04	650.8	980522.11	0.25	-0.28	12.05	-10.18
4b-3066	44 28.29	69 20.86	608.8	980524.40	0.22	-0.26	10.43	-10.37
4b-3067	44 28.28	69 20.84	606.9	980524.51	0.22	-0.26	10.38	-10.36
4b-3078	44 28.20	69 20.63	534.9	980527.90	0.32	-0.23	7.12	-11.04
4b-3090	44 28.10	69 20.39	609.3	980523.28	0.23	-0.26	9.65	-11.16
4b-3092	44 28.08	69 20.36	609.8	980523.22	0.24	-0.26	9.66	-11.16
4b-3095	44 28.05	69 20.29	603.7	980523.85	0.26	-0.26	9.76	-10.83
4b-3096	44 28.04	69 20.29	600.4	980524.11	0.26	-0.26	9.72	-10.75
4b-3097	44 28.03	69 20.28	597.1	980524.27	0.26	-0.25	9.59	-10.77
4b-3099	44 28.00	69 20.29	592.7	980524.47	0.25	-0.25	9.43	-10.79
4b-3100	44 27.98	69 20.29	589.5	980524.65	0.32	-0.25	9.33	-10.70
4b-3108	44 27.85	69 20.25	549.8	980526.94	0.24	-0.24	8.09	-10.66
4b-3119	44 27.71	69 20.12	470.6	980531.58	0.16	-0.20	5.49	-10.61
4b-3127	44 27.60	69 20.02	454.1	980532.39	0.16	-0.20	4.91	-10.61
4b-3128	44 27.58	69 20.01	453.8	980532.37	0.16	-0.20	4.89	-10.62
4b-3131	44 27.55	69 19.95	451.3	980532.68	0.16	-0.19	5.02	-10.41
4b-3133	44 27.53	69 19.93	441.6	980533.26	0.18	-0.19	4.71	-10.36
4b-3135	44 27.52	69 19.89	445.2	980532.94	0.17	-0.19	4.75	-10.45
4b-3136	44 27.51	69 19.86	440.4	980533.19	0.19	-0.19	4.56	-10.46
4b-3142	44 27.48	69 19.74	420.8	980534.17	0.26	-0.18	3.74	-10.54
4b-3146	44 27.46	69 19.65	409.7	980534.82	0.33	-0.18	3.38	-10.44
4b-3150	44 27.43	69 19.57	419.3	980534.09	0.35	-0.18	3.60	-10.54
4b-3151	44 27.42	69 19.54	427.2	980533.61	0.35	-0.18	3.87	-10.53
4b-3152	44 27.41	69 19.54	429.5	980533.44	0.35	-0.19	3.94	-10.55
4b-3153	44 27.40	69 19.52	429.7	980533.60	0.38	-0.19	4.13	-10.33
4b-3155	44 27.38	69 19.48	427.4	980533.62	0.39	-0.18	3.97	-10.40
4b-3156	44 27.37	69 19.45	428.0	980533.52	0.43	-0.18	3.94	-10.41
4b-3159	44 27.35	69 19.40	425.2	980533.67	0.55	-0.18	3.86	-10.28
4b-3162	44 27.32	69 19.35	433.7	980533.33	0.63	-0.19	4.35	-10.00
4b-3166	44 27.29	69 19.27	449.2	980532.54	0.68	-0.19	5.07	-9.76
4b-3168	44 27.28	69 19.21	462.6	980531.89	0.63	-0.20	5.70	-9.65
4b-3173	44 27.26	69 19.12	506.2	980529.44	0.44	-0.22	7.38	-9.66
4b-3174	44 27.26	69 19.10	515.3	980528.86	0.42	-0.22	7.65	-9.72
4b-3176	44 27.24	69 19.06	535.1	980527.78	0.41	-0.23	8.46	-9.61
4b-3177	44 27.23	69 19.04	551.7	980526.90	0.38	-0.24	9.17	-9.51
4b-3182	44 27.17	69 18.95	595.1	980524.11	0.28	-0.25	10.54	-9.73
4b-3183	44 27.16	69 18.94	597.9	980523.83	0.28	-0.26	10.54	-9.83
4b-3185	44 27.15	69 18.90	605.8	980523.39	0.29	-0.26	10.86	-9.77
4b-3193	44 27.10	69 18.73	657.1	980520.55	0.28	-0.28	12.92	-9.49
4b-3194	44 27.10	69 18.70	663.5	980520.25	0.28	-0.28	13.22	-9.41
4b-3197	44 27.08	69 18.65	683.6	980519.09	0.30	-0.29	13.98	-9.32
4b-3199	44 27.07	69 18.61	689.8	980518.56	0.31	-0.29	14.05	-9.46
4b-3202	44 27.03	69 18.56	699.5	980518.49	0.32	-0.30	14.95	-8.88
4b-3206	44 26.98	69 18.51	713.9	980516.40	0.35	-0.30	14.29	-10.01
4b-3208	44 26.95	69 18.49	723.1	980515.80	0.37	-0.31	14.60	-10.00
4b-3210	44 26.93	69 18.45	735.2	980515.02	0.41	-0.31	14.99	-9.98
4b-3212	44 26.90	69 18.43	736.5	980514.72	0.42	-0.31	14.85	-10.16
4b-3215	44 26.88	69 18.37	746.9	980514.08	0.49	-0.31	15.23	-10.07
4b-3216	44 26.86	69 18.36	746.9	980514.05	0.50	-0.31	15.22	-10.07

MAINE SEISMIC LINE 4A & 4B-COMplete BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-3217	44 26.86	69 18.34	745.5	980514.05	0.50	-0.31	15.10	-10.15
4b-3219	44 26.84	69 18.29	741.6	980514.25	0.50	-0.31	14.96	-10.15
4b-3224	44 26.80	69 18.20	713.8	980515.62	0.40	-0.30	13.77	-10.47
4b-3225	44 26.79	69 18.19	714.1	980515.54	0.41	-0.30	13.74	-10.51
4b-3227	44 26.77	69 18.15	702.0	980516.10	0.37	-0.30	13.19	-10.68
4b-3235	44 26.74	69 17.96	638.3	980519.71	0.31	-0.27	10.85	-10.88
4b-3240	44 26.72	69 17.87	640.6	980518.90	0.31	-0.27	10.29	-11.52
4b-3244	44 26.70	69 17.78	630.7	980519.32	0.34	-0.27	9.81	-11.63
4b-3248	44 26.68	69 17.69	631.3	980519.45	0.34	-0.27	10.03	-11.43
4b-3255	44 26.65	69 17.54	644.5	980519.15	0.34	-0.27	11.01	-10.90
4b-3262	44 26.71	69 17.40	623.1	980520.71	0.32	-0.27	10.46	-10.73
4b-3270	44 26.77	69 17.24	579.5	980523.65	0.34	-0.25	9.21	-10.46
4b-3273	44 26.79	69 17.18	597.0	980522.73	0.32	-0.25	9.91	-10.38
4b-3274	44 26.80	69 17.16	593.8	980523.01	0.32	-0.25	9.88	-10.30
4b-3278	44 26.83	69 17.09	574.0	980524.22	0.34	-0.25	9.18	-10.30
4b-3284	44 26.88	69 16.96	560.9	980525.10	0.35	-0.24	8.75	-10.27
4b-3285	44 26.89	69 16.95	559.0	980525.19	0.36	-0.24	8.65	-10.30
4b-3286	44 26.90	69 16.94	562.4	980525.02	0.36	-0.24	8.78	-10.28
4b-3288	44 26.93	69 16.91	576.8	980524.19	0.36	-0.25	9.27	-10.29
4b-3291	44 26.97	69 16.86	585.3	980523.83	0.39	-0.25	9.64	-10.18
4b-3296	44 27.03	69 16.79	620.6	980521.90	0.49	-0.26	10.94	-10.00
4b-3300	44 27.08	69 16.73	611.7	980522.51	0.54	-0.26	10.64	-9.94
4b-3302	44 27.10	69 16.70	608.5	980522.79	0.54	-0.26	10.59	-9.88
4b-3303	44 27.12	69 16.69	601.7	980523.18	0.56	-0.26	10.31	-9.91
4b-3305	44 27.14	69 16.65	593.8	980523.69	0.53	-0.25	10.05	-9.93
4b-3312	44 27.19	69 16.52	592.6	980523.69	0.41	-0.25	9.85	-10.20
4b-3318	44 27.25	69 16.41	620.2	980522.06	0.35	-0.26	10.74	-10.33
4b-3320	44 27.28	69 16.37	613.3	980522.61	0.32	-0.26	10.59	-10.27
4b-3326	44 27.36	69 16.32	585.6	980524.61	0.34	-0.25	9.87	-10.02
4b-3329	44 27.39	69 16.26	561.8	980525.86	0.37	-0.24	8.83	-10.20
4b-3332	44 27.40	69 16.20	576.9	980525.06	0.31	-0.25	9.43	-10.18
4b-3340	44 27.39	69 16.02	618.1	980522.29	0.26	-0.26	10.56	-10.53
4b-3348	44 27.39	69 15.84	643.9	980520.85	0.31	-0.27	11.54	-10.39
4b-3349	44 27.39	69 15.81	644.4	980520.85	0.31	-0.27	11.59	-10.36
4b-3352	44 27.38	69 15.75	643.5	980521.04	0.31	-0.27	11.71	-10.21
4b-3362	44 27.29	69 15.56	619.9	980522.75	0.24	-0.26	11.33	-9.84
4b-3379	44 27.12	69 15.26	632.8	980521.55	0.27	-0.27	11.60	-9.98
4b-3385	44 27.06	69 15.15	624.7	980522.19	0.28	-0.27	11.57	-9.72
4b-3397	44 26.91	69 14.97	584.5	980524.20	0.25	-0.25	10.02	-9.91
4b-3403	44 26.83	69 14.90	552.7	980525.41	0.24	-0.24	8.37	-10.48
4b-3409	44 26.75	69 14.82	510.1	980527.57	0.23	-0.22	6.64	-10.75
4b-3416	44 26.82	69 14.70	446.0	980531.10	0.35	-0.19	4.04	-11.01
4b-3417	44 26.83	69 14.69	435.0	980531.74	0.39	-0.19	3.63	-11.00
4b-3422	44 26.88	69 14.60	399.8	980533.79	0.45	-0.17	2.29	-11.07
4b-3423	44 26.88	69 14.58	410.9	980533.15	0.38	-0.18	2.70	-11.12
4b-3426	44 26.88	69 14.51	445.1	980530.88	0.25	-0.19	3.64	-11.48
4b-3428	44 26.88	69 14.47	461.1	980529.82	0.23	-0.20	4.09	-11.61
4b-3432	44 26.89	69 14.38	501.3	980527.42	0.25	-0.22	5.45	-11.61
4b-3434	44 26.90	69 14.33	505.1	980527.09	0.26	-0.22	5.46	-11.72
4b-3437	44 26.92	69 14.27	501.4	980527.26	0.27	-0.22	5.26	-11.78
4b-3442	44 26.95	69 14.16	471.5	980528.78	0.23	-0.20	3.92	-12.13
4b-3447	44 26.97	69 14.05	438.4	980530.42	0.25	-0.19	2.42	-12.47
4b-3449	44 26.98	69 14.01	432.7	980530.72	0.25	-0.19	2.17	-12.53
4b-3450	44 26.98	69 13.99	420.6	980530.82	0.25	-0.19	2.07	-12.56
4b-3454	44 27.02	69 13.91	427.6	980530.87	0.32	-0.18	1.77	-12.68
4b-3456	44 27.03	69 13.87	434.9	980530.47	0.33	-0.19	2.04	-12.65
4b-3458	44 27.05	69 13.83	436.0	980530.37	0.37	-0.19	2.02	-12.67
4b-3461	44 27.08	69 13.78	434.9	980530.49	0.43	-0.19	1.99	-12.60
4b-3463	44 27.10	69 13.74	437.0	980530.40	0.44	-0.19	2.07	-12.58
4b-3465	44 27.10	69 13.69	430.8	980530.63	0.42	-0.19	1.72	-12.74
4b-3468	44 27.11	69 13.63	430.4	980530.63	0.37	-0.19	1.66	-12.83
4b-3470	44 27.12	69 13.58	425.3	980530.77	0.33	-0.18	1.31	-13.05
4b-3477	44 27.13	69 13.43	455.0	980528.83	0.25	-0.20	2.15	-13.32
4b-3480	44 27.16	69 13.37	468.3	980528.04	0.24	-0.20	2.56	-13.37
4b-3481	44 27.17	69 13.35	467.0	980528.15	0.24	-0.20	2.53	-13.35

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUGUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUGUER
4b-3484	44 27.18	69 13.29	459.6	980528.51	0.24	-0.20	2.18	-13.45
4b-3487	44 27.20	69 13.23	449.1	980529.08	0.23	-0.19	1.73	-13.55
4b-3488	44 27.21	69 13.20	453.2	980528.86	0.23	-0.20	1.89	-13.53
4b-3489	44 27.21	69 13.18	453.9	980528.74	0.23	-0.20	1.84	-13.61
4b-3495	44 27.17	69 13.06	416.6	980530.40	0.21	-0.18	0.04	-14.13
4b-3501	44 27.13	69 12.93	358.2	980533.46	0.24	-0.16	-2.33	-14.46
4b-3504	44 27.11	69 12.87	349.6	980533.94	0.23	-0.15	-2.62	-14.47
4b-3506	44 27.10	69 12.83	343.1	980534.35	0.24	-0.15	-2.81	-14.42
4b-3516	44 27.13	69 12.61	342.3	980534.40	0.20	-0.15	-2.88	-14.51
4b-3521	44 27.13	69 12.50	338.8	980534.81	0.18	-0.15	-2.80	-14.32
4b-3524	44 27.13	69 12.43	349.4	980534.35	0.15	-0.15	-2.26	-14.18
4b-3528	44 27.13	69 12.34	366.9	980533.25	0.12	-0.16	-1.72	-14.27
4b-3533	44 27.12	69 12.23	366.8	980533.15	0.12	-0.16	-1.81	-14.36
4b-3536	44 27.12	69 12.16	378.3	980532.50	0.11	-0.16	-1.38	-14.34
4b-3537	44 27.12	69 12.14	378.9	980532.50	0.11	-0.16	-1.32	-14.30
4b-3538	44 27.12	69 12.11	380.1	980532.47	0.11	-0.16	-1.24	-14.26
4b-3540	44 27.11	69 12.07	382.6	980532.36	0.11	-0.17	-1.10	-14.20
4b-3544	44 27.09	69 11.98	363.2	980533.74	0.10	-0.16	-1.51	-13.95
4b-3549	44 27.07	69 11.87	354.1	980534.25	0.09	-0.15	-1.83	-13.97
4b-3554	44 27.05	69 11.76	335.5	980535.47	0.10	-0.15	-2.33	-13.82
4b-3558	44 27.04	69 11.68	319.6	980536.47	0.11	-0.14	-2.81	-13.74
4b-3568	44 27.00	69 11.46	318.9	980536.61	0.10	-0.14	-2.68	-13.59
4b-3572	44 26.99	69 11.37	312.2	980536.97	0.11	-0.14	-2.93	-13.60
4b-3579	44 26.96	69 11.22	309.6	980536.97	0.12	-0.13	-3.13	-13.70
4b-3582	44 26.95	69 11.15	308.0	980537.15	0.12	-0.13	-3.08	-13.60
4b-3591	44 26.95	69 10.95	307.5	980537.15	0.08	-0.13	-3.13	-13.67
4b-3597	44 26.89	69 10.81	328.1	980536.38	0.07	-0.14	-1.87	-13.14
4b-3598	44 26.90	69 10.81	324.9	980536.51	0.07	-0.14	-2.07	-13.22
4b-3601	44 26.88	69 10.75	322.2	980536.82	0.07	-0.14	-1.97	-13.03
4b-3605	44 26.86	69 10.66	312.3	980537.40	0.08	-0.14	-2.30	-13.00
4b-3616	44 26.82	69 10.42	315.8	980537.10	0.07	-0.14	-2.20	-13.04
4b-3623	44 26.79	69 10.26	314.0	980537.46	0.06	-0.14	-1.96	-12.75
4b-3626	44 26.77	69 10.20	316.9	980537.29	0.06	-0.14	-1.84	-12.73
4b-3631	44 26.73	69 10.10	304.8	980537.80	0.06	-0.13	-2.41	-12.88
4b-3634	44 26.70	69 10.04	292.8	980538.54	0.05	-0.13	-2.75	-12.82
4b-3635	44 26.70	69 10.02	287.0	980538.86	0.05	-0.13	-2.97	-12.84
4b-3638	44 26.68	69 9.96	279.0	980539.41	0.05	-0.12	-3.14	-12.73
4b-3644	44 26.66	69 9.83	276.6	980539.44	0.05	-0.12	-3.31	-12.81
4b-3645	44 26.65	69 9.80	274.3	980539.56	0.05	-0.12	-3.39	-12.81
4b-3648	44 26.64	69 9.74	264.0	980540.19	0.04	-0.12	-3.72	-12.80
4b-3651	44 26.65	69 9.67	257.1	980540.52	0.03	-0.11	-4.05	-12.90
4b-3655	44 26.64	69 9.58	244.6	980541.26	0.03	-0.11	-4.47	-12.89
4b-3666	44 26.57	69 9.35	228.9	980541.86	0.02	-0.10	-5.24	-13.13
4b-3675	44 26.52	69 9.16	248.4	980540.68	0.02	-0.11	-4.51	-13.07
4b-3681	44 26.46	69 9.06	251.3	980540.20	0.02	-0.11	-4.63	-13.29
4b-3684	44 26.42	69 9.01	238.2	980540.93	0.01	-0.10	-5.07	-13.29
4b-3686	44 26.40	69 8.97	239.9	980540.77	0.01	-0.11	-5.04	-13.32
4b-3688	44 26.37	69 8.93	237.1	980540.90	0.01	-0.10	-5.13	-13.31
4b-3691	44 26.33	69 8.89	247.8	980539.80	0.01	-0.11	-5.16	-13.71
4b-3692	44 26.32	69 8.88	244.0	980540.04	0.01	-0.11	-5.27	-13.68
4b-3696	44 26.27	69 8.84	229.8	980541.15	0.00	-0.10	-5.41	-13.35
4b-3700	44 26.23	69 8.77	244.8	980540.06	0.01	-0.11	-5.03	-13.48
4b-3705	44 26.17	69 8.68	237.6	980540.28	0.01	-0.10	-5.40	-13.60
4b-3709	44 26.12	69 8.63	231.8	980540.29	0.00	-0.10	-5.86	-13.87
4b-3711	44 26.10	69 8.60	238.9	980539.89	0.01	-0.10	-5.56	-13.80
4b-3714	44 26.06	69 8.55	253.3	980538.96	0.01	-0.11	-5.07	-13.82
4b-3720	44 25.99	69 8.47	265.0	980538.30	0.02	-0.12	-4.53	-13.67
4b-3723	44 25.94	69 8.43	270.1	980537.90	0.02	-0.12	-4.37	-13.68
4b-3727	44 25.88	69 8.43	262.6	980538.42	0.01	-0.11	-4.48	-13.54
4b-3730	44 25.83	69 8.43	257.0	980538.74	0.01	-0.11	-4.60	-13.47
4b-3732	44 25.80	69 8.43	260.5	980538.57	0.01	-0.11	-4.39	-13.38
4b-3737	44 25.72	69 8.45	275.7	980537.70	0.04	-0.12	-3.72	-13.20
4b-3740	44 25.67	69 8.46	275.6	980537.66	0.03	-0.12	-3.69	-13.18
4b-3741	44 25.65	69 8.46	274.1	980537.82	0.03	-0.12	-3.64	-13.08
4b-3744	44 25.61	69 8.49	272.7	980537.89	0.03	-0.12	-3.65	-13.04

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-3746	44 25.58	69 8.51	265.3	980538.44	0.02	-0.12	-3.75	-12.89
4b-3748	44 25.55	69 8.53	265.9	980538.46	0.02	-0.12	-3.62	-12.79
4b-3753	44 25.48	69 8.58	262.0	980538.80	0.02	-0.11	-3.54	-12.57
4b-3755	44 25.45	69 8.59	260.3	980538.95	0.02	-0.11	-3.51	-12.48
4b-3765	44 25.29	69 8.60	255.1	980539.64	0.02	-0.11	-3.06	-11.86
4b-3767	44 25.25	69 8.60	256.7	980539.58	0.02	-0.11	-2.91	-11.76
4b-3768	44 25.24	69 8.60	255.7	980539.80	0.02	-0.11	-2.77	-11.58
4b-3770	44 25.21	69 8.60	251.9	980539.97	0.01	-0.11	-2.92	-11.61
4b-3774	44 25.14	69 8.60	242.6	980540.32	0.00	-0.11	-3.34	-11.72
4b-3778	44 25.08	69 8.59	242.9	980540.31	0.00	-0.11	-3.23	-11.62
4b-3783	44 25.00	69 8.55	233.4	980540.92	-0.01	-0.10	-3.39	-11.46
4b-3787	44 24.94	69 8.52	236.0	980540.93	0.00	-0.10	-3.04	-11.19
4b-3801	44 24.73	69 8.41	255.7	980539.59	0.03	-0.11	-2.22	-11.02
4b-3805	44 24.67	69 8.38	261.5	980539.28	0.03	-0.11	-1.89	-10.89
4b-3817	44 24.48	69 8.31	244.9	980540.40	0.02	-0.11	-2.04	-10.48
4b-3819	44 24.45	69 8.31	234.9	980541.11	0.04	-0.10	-2.23	-10.31
4b-3825	44 24.35	69 8.34	235.3	980541.04	0.04	-0.10	-2.11	-10.20
4b-3832	44 24.24	69 8.37	243.6	980540.58	0.03	-0.11	-1.62	-10.01
4b-3834	44 24.21	69 8.38	246.6	980540.40	0.03	-0.11	-1.48	-9.97
4b-3836	44 24.18	69 8.39	243.4	980540.69	0.04	-0.11	-1.44	-9.81
4b-3840	44 24.11	69 8.38	255.9	980540.17	0.05	-0.11	-0.68	-9.47
4b-3845	44 24.03	69 8.37	285.4	980538.19	0.05	-0.12	0.23	-9.58
4b-3848	44 23.98	69 8.35	307.2	980536.72	0.07	-0.13	0.89	-9.66
4b-3852	44 23.92	69 8.34	334.8	980534.82	0.09	-0.15	1.68	-9.80
4b-3855	44 23.87	69 8.33	347.4	980534.01	0.08	-0.15	2.13	-9.79
4b-3858	44 23.83	69 8.30	359.1	980533.48	0.10	-0.16	2.75	-9.55
4b-3866	44 23.73	69 8.18	382.3	980532.69	0.12	-0.17	4.29	-8.79
4b-3867	44 23.71	69 8.18	385.2	980532.67	0.13	-0.17	4.58	-8.60
4b-3869	44 23.68	69 8.17	389.4	980532.55	0.14	-0.17	4.90	-8.41
4b-3872	44 23.67	69 8.24	394.6	980531.97	0.16	-0.17	4.83	-8.64
4b-3873	44 23.66	69 8.25	399.1	980531.70	0.18	-0.17	5.00	-8.61
4b-3882	44 23.52	69 8.22	431.4	980529.94	0.27	-0.19	6.48	-8.15
4b-3887	44 23.43	69 8.21	437.6	980529.70	0.25	-0.19	6.96	-7.90
4b-3891	44 23.37	69 8.20	434.6	980530.01	0.23	-0.19	7.08	-7.70
4b-3894	44 23.32	69 8.18	430.1	980530.28	0.21	-0.19	7.00	-7.65
4b-3905	44 23.14	69 8.14	380.8	980533.27	0.10	-0.17	5.62	-7.43
4b-3909	44 23.08	69 8.14	373.4	980533.50	0.09	-0.16	5.25	-7.55
4b-3921	44 22.89	69 8.10	370.2	980533.57	0.09	-0.16	5.30	-7.40
4b-3931	44 22.73	69 8.06	356.9	980534.55	0.08	-0.16	5.28	-6.97
4b-3934	44 22.68	69 8.05	348.4	980535.05	0.08	-0.15	5.05	-6.90
4b-3947	44 22.47	69 8.00	298.5	980538.13	0.04	-0.13	3.76	-6.51
4b-3951	44 22.41	69 7.99	289.6	980539.36	0.04	-0.13	4.24	-5.72
4b-3954	44 22.36	69 7.98	286.4	980539.59	0.04	-0.13	4.25	-5.61
4b-3964	44 22.20	69 8.01	273.6	980539.95	0.04	-0.12	3.65	-5.77
4b-3966	44 22.17	69 8.02	274.0	980539.91	0.04	-0.12	3.68	-5.74
4b-3969	44 22.12	69 8.04	273.4	980539.74	0.03	-0.12	3.53	-5.88
4b-3973	44 22.06	69 8.07	266.2	980540.05	0.03	-0.12	3.26	-5.91
4b-3976	44 22.02	69 8.07	265.4	980539.84	0.04	-0.12	3.03	-6.10
4b-3979	44 21.97	69 8.04	271.2	980539.11	0.03	-0.12	2.93	-6.41
4b-3983	44 21.91	69 8.01	272.2	980538.66	0.03	-0.12	2.67	-6.71
4b-3985	44 21.88	69 7.99	271.6	980538.43	0.03	-0.12	2.41	-6.94
4b-3990	44 21.82	69 7.92	269.5	980538.07	0.04	-0.12	1.95	-7.32
4b-3996	44 21.74	69 7.84	267.6	980537.07	0.05	-0.12	0.89	-8.31
4b-3999	44 21.70	69 7.80	264.6	980537.14	0.05	-0.12	0.74	-8.35
4b-4000	44 21.69	69 7.78	261.6	980537.20	0.06	-0.11	0.53	-8.44
4b-4006	44 21.62	69 7.70	245.7	980538.03	0.10	-0.11	-0.02	-8.41
4b-4008	44 21.59	69 7.67	245.5	980537.99	0.11	-0.11	-0.04	-8.41
4b-4012	44 21.53	69 7.65	253.0	980537.23	0.11	-0.11	-0.01	-8.64
4b-4013	44 21.51	69 7.64	258.4	980536.74	0.11	-0.11	0.05	-8.77
4b-4016	44 21.46	69 7.64	275.1	980535.47	0.15	-0.12	0.41	-8.94
4b-4023	44 21.31	69 7.62	304.7	980533.60	0.13	-0.13	1.55	-8.84
4b-4026	44 21.30	69 7.61	307.4	980533.39	0.12	-0.13	1.62	-8.88
4b-4028	44 21.27	69 7.59	313.3	980533.01	0.12	-0.14	1.83	-8.87
4b-4032	44 21.22	69 7.53	316.0	980532.95	0.13	-0.14	2.11	-8.67
4b-4036	44 21.17	69 7.47	325.0	980532.55	0.12	-0.14	2.62	-8.48

MAINE SEISMIC LINE 4A & 4B-COMplete BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-4038	44 21.14	69 7.44	327.9	980532.29	0.13	-0.14	2.68	-8.51
4b-4040	44 21.12	69 7.41	328.8	980532.20	0.13	-0.14	2.72	-8.51
4b-4048	44 21.00	69 7.33	350.0	980530.86	0.16	-0.15	3.55	-8.38
4b-4053	44 20.92	69 7.29	357.9	980530.17	0.23	-0.16	3.72	-8.41
4b-4063	44 20.77	69 7.22	382.4	980528.51	0.23	-0.17	4.59	-8.39
4b-4070	44 20.68	69 7.13	391.8	980528.08	0.23	-0.17	5.18	-8.12
4b-4078	44 20.58	69 7.00	384.3	980528.32	0.28	-0.17	4.86	-8.13
4b-4083	44 20.53	69 6.92	392.3	980527.60	0.32	-0.17	4.97	-8.26
4b-4092	44 20.42	69 6.78	463.8	980522.60	0.46	-0.20	6.86	-8.70
4b-4094	44 20.40	69 6.75	467.5	980522.26	0.46	-0.20	6.90	-8.79
4b-4096	44 20.37	69 6.73	465.8	980522.35	0.46	-0.20	6.88	-8.75
4b-4099	44 20.33	69 6.70	453.4	980523.11	0.49	-0.20	6.54	-8.63
4b-4107	44 20.20	69 6.61	435.5	980524.12	0.46	-0.19	6.06	-8.52
4b-4109	44 20.20	69 6.56	438.2	980523.94	0.43	-0.19	6.13	-8.57
4b-4112	44 20.20	69 6.50	435.5	980524.16	0.55	-0.19	6.10	-8.39
4b-4117	44 20.20	69 6.39	435.2	980524.23	0.38	-0.19	6.14	-8.51
4b-4119	44 20.20	69 6.34	430.2	980524.48	0.40	-0.19	5.92	-8.54
4b-4122	44 20.19	69 6.28	420.2	980525.15	0.44	-0.18	5.67	-8.41
4b-4124	44 20.17	69 6.23	411.4	980525.65	0.46	-0.18	5.36	-8.39
4b-4128	44 20.12	69 6.17	408.7	980525.77	0.41	-0.18	5.30	-8.40
4b-4134	44 20.04	69 6.09	405.5	980525.66	0.33	-0.18	5.02	-8.66
4b-4138	44 20.00	69 6.04	409.3	980525.32	0.27	-0.18	5.09	-8.78
4b-4148	44 19.87	69 5.92	379.1	980526.63	0.27	-0.16	3.75	-9.07
4b-4155	44 19.77	69 5.83	348.1	980528.22	0.28	-0.15	2.59	-9.16
4b-4157	44 19.75	69 5.81	342.5	980528.25	0.28	-0.15	2.12	-9.43
4b-4171	44 19.56	69 5.63	297.6	980530.65	0.24	-0.13	0.58	-9.46
4b-4172	44 19.54	69 5.62	292.9	980530.86	0.24	-0.13	0.38	-9.50
4b-4176	44 19.48	69 5.60	287.7	980530.94	0.18	-0.13	0.06	-9.69
4b-4180	44 19.41	69 5.58	292.4	980530.77	0.15	-0.13	0.43	-9.52
4b-4182	44 19.37	69 5.56	287.8	980531.21	0.14	-0.13	0.51	-9.29
4b-4186	44 19.32	69 5.54	275.6	980532.08	0.15	-0.12	0.31	-9.06
4b-4188	44 19.29	69 5.52	275.8	980532.17	0.16	-0.12	0.46	-8.91
4b-4189	44 19.28	69 5.50	279.6	980532.02	0.17	-0.12	0.68	-8.81
4b-4197	44 19.19	69 5.38	330.5	980528.94	0.13	-0.14	2.53	-8.76
4b-4198	44 19.18	69 5.36	332.9	980528.75	0.13	-0.14	2.57	-8.80
4b-4201	44 19.15	69 5.31	337.6	980528.36	0.15	-0.15	2.67	-8.85
4b-4205	44 19.10	69 5.25	335.8	980528.58	0.16	-0.15	2.80	-8.64
4b-4221	44 18.92	69 4.98	289.5	980531.51	0.11	-0.13	1.64	-8.25
4b-4227	44 18.84	69 4.90	269.1	980532.73	0.11	-0.12	1.07	-8.12
4b-4236	44 18.73	69 4.77	240.8	980534.68	0.08	-0.11	0.52	-7.72
4b-4244	44 18.64	69 4.64	225.4	980535.81	0.06	-0.10	0.34	-7.39
4b-4250	44 18.56	69 4.55	215.9	980536.29	0.06	-0.09	0.04	-7.36
4b-4254	44 18.51	69 4.48	222.4	980535.75	0.07	-0.10	0.19	-7.42
4b-4255	44 18.50	69 4.46	225.6	980535.51	0.08	-0.10	0.27	-7.44
4b-4257	44 18.46	69 4.44	214.0	980535.99	0.08	-0.09	-0.28	-7.59
4b-4265	44 18.36	69 4.37	195.5	980536.60	0.07	-0.09	-1.26	-7.94
4b-4267	44 18.32	69 4.36	190.2	980536.76	0.07	-0.08	-1.54	-8.04
4b-4270	44 18.28	69 4.34	186.8	980536.76	0.07	-0.08	-1.80	-8.19
4b-4272	44 18.24	69 4.33	193.5	980536.29	0.08	-0.09	-1.58	-8.18
4b-4275	44 18.20	69 4.31	189.8	980536.11	0.07	-0.08	-2.04	-8.53
4b-4276	44 18.18	69 4.30	186.1	980536.15	0.07	-0.08	-2.32	-8.68
4b-4278	44 18.15	69 4.29	177.4	980536.39	0.06	-0.08	-2.86	-8.93
4b-4280	44 18.12	69 4.26	182.2	980536.01	0.06	-0.08	-2.74	-8.98
4b-4281	44 18.12	69 4.23	185.6	980535.76	0.07	-0.08	-2.67	-9.01
4b-4285	44 18.11	69 4.15	197.6	980534.85	0.07	-0.09	-2.43	-9.19
4b-4286	44 18.10	69 4.12	200.0	980534.65	0.07	-0.09	-2.40	-9.24
4b-4289	44 18.09	69 4.06	208.8	980534.01	0.07	-0.09	-2.19	-9.34
4b-4292	44 18.08	69 3.99	197.1	980534.47	0.06	-0.09	-2.82	-9.57
4b-4298	44 18.04	69 3.86	182.6	980534.58	0.05	-0.08	-4.01	-10.26
4b-4299	44 18.04	69 3.84	181.5	980534.86	0.05	-0.08	-3.83	-10.05
4b-4305	44 18.00	69 3.72	151.9	980536.19	0.06	-0.07	-5.23	-10.42
4b-4308	44 17.98	69 3.66	151.7	980535.84	0.07	-0.07	-5.57	-10.74
4b-4309	44 17.96	69 3.64	155.9	980535.56	0.07	-0.07	-5.42	-10.74
4b-4312	44 17.93	69 3.59	155.7	980535.34	0.06	-0.07	-5.61	-10.93
4b-4316	44 17.89	69 3.53	162.2	980534.72	0.06	-0.07	-5.56	-11.10

MAINE SEISMIC LINE 4A & 4B-COMPLETE BOUQUER GRAVITY ANOMALY DATA

STATION ID	-----LOCATIONS-----			OBSERVED GRAVITY (mgals)	-CORRECTIONS-		---ANOMALIES---	
	LATITUDE deg min	LONGITUDE deg min	ELEV (in ft)		TERRAIN (dens=2.67)	CURV	FREE AIR	COMPLETE BOUQUER
4b-4321	44 17.83	69 3.44	154.1	980534.72	0.08	-0.07	-6.24	-11.48
4b-4324	44 17.79	69 3.39	160.5	980534.46	0.07	-0.07	-5.83	-11.30
4b-4328	44 17.76	69 3.33	163.7	980533.97	0.08	-0.07	-5.97	-11.55
4b-4330	44 17.73	69 3.30	167.5	980533.79	0.08	-0.07	-5.76	-11.46
4b-4333	44 17.70	69 3.25	174.0	980533.15	0.08	-0.08	-5.74	-11.67
4b-4335	44 17.67	69 3.22	185.5	980532.47	0.07	-0.08	-5.29	-11.63
4b-4337	44 17.65	69 3.19	190.3	980532.25	0.07	-0.08	-5.03	-11.53
4b-4338	44 17.64	69 3.17	198.4	980532.01	0.06	-0.09	-4.49	-11.29
4b-4341	44 17.61	69 3.12	220.2	980531.01	0.08	-0.10	-3.40	-10.92
4b-4351	44 17.51	69 2.95	222.0	980530.31	0.08	-0.10	-3.78	-11.37
4b-4358	44 17.43	69 2.82	240.0	980528.69	0.10	-0.11	-3.59	-11.78
4b-4362	44 17.39	69 2.75	229.1	980529.15	0.10	-0.10	-4.09	-11.90
4b-4364	44 17.37	69 2.71	230.5	980529.24	0.11	-0.10	-3.84	-11.69
4b-4366	44 17.36	69 2.68	232.1	980529.30	0.11	-0.10	-3.61	-11.51
4b-4367	44 17.35	69 2.66	233.2	980529.29	0.11	-0.10	-3.50	-11.45
4b-4369	44 17.34	69 2.62	234.9	980529.24	0.11	-0.10	-3.38	-11.38
4b-4370	44 17.33	69 2.60	239.0	980529.13	0.12	-0.10	-3.08	-11.22
4b-4373	44 17.32	69 2.53	240.0	980529.17	0.12	-0.11	-2.93	-11.10
4b-4376	44 17.31	69 2.47	226.4	980530.09	0.12	-0.10	-3.29	-10.99
4b-4378	44 17.29	69 2.42	224.1	980530.41	0.12	-0.10	-3.15	-10.77
4b-4380	44 17.29	69 2.38	215.6	980530.90	0.13	-0.09	-3.46	-10.78
4b-4384	44 17.24	69 2.32	202.3	980531.84	0.17	-0.09	-3.69	-10.51
4b-4388	44 17.19	69 2.26	197.4	980532.63	0.20	-0.09	-3.29	-9.91
4b-4389	44 17.18	69 2.25	189.8	980533.11	0.23	-0.08	-3.51	-9.83
4b-4390	44 17.16	69 2.24	182.7	980533.52	0.27	-0.08	-3.74	-9.78
4b-4393	44 17.12	69 2.21	183.0	980533.81	0.30	-0.08	-3.35	-9.38
4b-4396	44 17.07	69 2.17	178.5	980534.01	0.38	-0.08	-3.50	-9.29
4b-4398	44 17.04	69 2.15	181.3	980534.23	0.41	-0.08	-2.98	-8.83
4b-4400	44 17.02	69 2.13	176.2	980534.65	0.46	-0.08	-3.01	-8.63
4b-4403	44 17.02	69 2.06	171.0	980535.01	0.46	-0.08	-3.14	-8.59
4b-4407	44 17.03	69 1.97	181.9	980534.86	0.38	-0.08	-2.27	-8.18
4b-4408	44 17.03	69 1.95	179.4	980535.02	0.40	-0.08	-2.35	-8.15
4b-4413	44 17.08	69 1.85	169.3	980536.01	0.38	-0.07	-2.39	-7.86
4b-4417	44 17.09	69 1.76	140.9	980537.76	0.55	-0.06	-3.32	-7.64
4b-4420	44 17.08	69 1.70	117.7	980538.91	0.66	-0.05	-4.34	-7.74
4b-4422	44 17.06	69 1.66	110.9	980539.21	0.68	-0.05	-4.64	-7.79
4b-4425	44 17.03	69 1.60	105.1	980539.62	0.65	-0.05	-4.73	-7.72
4b-4429	44 16.99	69 1.53	117.1	980538.86	0.55	-0.05	-4.31	-7.81
4b-4431	44 16.96	69 1.49	120.9	980538.78	0.54	-0.05	-3.99	-7.63
4b-4433	44 16.95	69 1.45	120.0	980538.99	0.53	-0.05	-3.84	-7.46
4b-4435	44 16.94	69 1.41	125.2	980539.11	0.50	-0.06	-3.22	-7.05
4b-4436	44 16.94	69 1.39	126.5	980539.12	0.48	-0.06	-3.09	-6.98
4b-4438	44 16.91	69 1.36	113.9	980539.98	0.58	-0.05	-3.37	-6.72
4b-4440	44 16.87	69 1.34	102.8	980540.72	0.70	-0.05	-3.62	-6.47
4b-4447	44 16.78	69 1.26	86.2	980541.91	0.85	-0.04	-3.84	-5.97
4b-4451	44 16.73	69 1.21	80.0	980542.39	0.82	-0.04	-3.88	-5.83
4b-4453	44 16.70	69 1.17	80.7	980542.49	0.71	-0.04	-3.67	-5.75
4b-4458	44 16.66	69 1.09	58.3	980544.02	0.57	-0.03	-4.18	-5.63
4b-4462	44 16.62	69 1.02	61.6	980543.86	0.40	-0.03	-3.97	-5.70
4b-4468	44 16.58	69 0.89	26.4	980546.07	0.36	-0.01	-5.02	-5.57