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Geological Survey

Principal facts, accuracies, sources, and plot for 930 gravity stations on and adjacent to the Hollister 15-minute quadrangle, California

by

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I. Introduction

Documentation of 930 gravity stations used in preparing the report, "Complete Bouguer gravity, aeromagnetics, and generalized geologic map of the Hollister 15-minute quadrangle, California" (Robbins, in press) are contained in this report. The Hollister sheet is located between 36° 45′ and 37° 00′ North latitude and 121° 15′ and 121° 30′ West longitude.

The presentation of the data is divided into two tables. Table 1 contains data collected by the U.S. Geological Survey (USGS), and table 2 contains data collected by the California Division of Mines and Geology (CDMG). Section II contains information on the data that the USGS collected, and section III contains information on the CDMG data. The information in these sections pertain to gravity meters used, meter calibrations, base stations used, and overall accuracies of the data. A plot of the 806 stations on the Hollister sheet at a scale of 1:125,000 is presented in Figure 1. The 124 gravity stations not shown on the plot are adjacent to and surround the Hollister sheet.

Both the USGS and CDMG gravity data have been reduced to complete Bouguer anomalies using the same methods, and the data presented are in one format of table headings. The reduction methods employed are described in detail in the report on the San Jose sheet (Robbins and others, 1974). A brief description of the format of tables 1 and 2 follows:

a) STATION column - An alphanumeric combination of up to five characters used for statons identification.

b) CODE column - digits listed here are code notations for types of elevation location and data accuracies. The meanings of these notations can be found in (Robbins and others, 1974). Accuracy codes are included for all of the USGS data (table 1) and some of the CDMG data (table 2).

c) LATITUDE and LONGITUDE columns - Values listed here are in degrees and minutes to the nearest hundredth of a minute (North and West, respectively).

d) ELEVATION column - This column lists the station elevation in feet to the nearest tenth. If the last digit is zero for most or all of a series of stations (like the EQ stations in table 1), the zero is not significant.

e) The remaining columns contain gravity values in milligals (mgal) to the nearest hundredth. These columns are:

OBSERVED GRAVITY - Observed gravity relative to the primary base "A" in Menlo Park (Robbins and others, 1974, p. 3 and 18) using a value of 979,958.74 mgals, which is based on Chapman's (1966, p. 10) tie to the Woollard and Rose (1963) United States network at the San Francisco airport. This network is based on the Potsdam gravity datum originally determined in 1906. The datum has been revised by Morelli (1974) based on modern free-fall measurements, and a comparison of his "ISGN 71" observed gravity value in central California with those based on Chapman's (1966) bases indicate that about 14.4 ± 0.2 mgals shoud be subtracted from the observed gravity values in the following tables if an accurate absolute value of observed gravity is desired.

FREE-AIR (1930) - Free-air anomaly determined using the International Gravity Formula of 1930 and second-order terms (Swick, 1942, p. 61-64).

TERRAIN, HAND - Terrain corrections done by hand through Hayford-Bowie zone D (0.59 km) or zone F (2.29) km) (Swick, 1942, p. 66) as indicated by the letter following the TC value. Most of the stations in table 2 do not have this code letter, but where there are values, the corrections were made through zone F.

TERRAIN, TOTAL - Total of hand plus computer terrain corrections to a distance of 166.7 km (Plouff, 1977) using terrain data from Robbins and others (1973a and 1973b) and supplemented by quarter-minute digitization for data in table 1.

BOUGUER ANOMALY - These columns contain the complete Bouguer anomalies for density reductions of 2.67 and 2.50 g/cm^3. These anomalies include terrain and curavature corrections out to 166.7 km.

Grateful acknowledgement is made to R. H. Chapman of the CDMG for the use of the data contained in table 2 of this report. The data contained in table 1 were collected by the authors and by K. D. Holden, R . L. Morin, and R . F. Sikora, all of the USGS.

II. U.S. Geological Survey Data

This section discusses information on the 577 gravity stations listed in table 1. These data were collected in the years 1973, 1974, and 1975 using LaCoste and Romberg gravity meters. The following is a listing of the gravity stations that each meter occupied:

Meter	Gravity Stations
G8	EQ1, EQ7,ECRI-ECR25, EHH1-EHH40, EHR1-EHR31, EST1-EST36, B225, B228, B245, B294.
G17	EQ8-EQ100, EBR1-EBR11, ECB1-ECB41, B1, B1A.
G102	ELR1-ELR32, EMC0-EMC56, ESR1-ESR99, B1, B1A, B140.
G130	EQ1-EQ6, ELR1, EMC0, EMC8, EMC22, EMC24, EMC29, B140, ESR5, ESR12, ESR39, ESR46, ESR50, ESR52, ESR55, ESR57, ESR83, ESR99, B1, B1A, B228, B245, B294.
G192	EQ101-EQ116, SSS5E-SS37W, BL1-BL35, B228.
D3	EBR1 - EBR11.
D4	EBR1 - EBR11, ECB1 - ECB41, B1, B1A.

The base station used for all of the field stations in table 1 was EQBHA, which has an accuracy of better than $\pm$ 0.01 mgal relative to primary base "A" in Menlo Park. This station is located in the center of an abandoned gasoline pump concrete island near building #9 at the Hollister airport. Secondary base stations were established at one end of each of the gravity profiles and descriptions of these stations are available from the authors, U.S. Geological Survey, Mail Stop 921, Box 25046, Federal Center, Denver, CO 80225.

The "EQ" series stations were established for regional coverage, and the rest of the stations are along profiles at spacings of 50 feet to 500 feet. Elevations for the profile stations were obtained with a Wild level and are accurate to at least ± 0.1 feet (0.03 m) from one end of the profile to the other end. The locations and elevation control for the control stations on the profiles and for the regional stations were taken from USGS 7-1/2 minute topographic maps include benchmarks, spot elevations, and contour-line interpolation (see Robbins and others, 1974, for a description of the accuracy code). Accuracies for these elevations range from $\pm$ 0.02 feet (0.06 m) for benchmark locations to $\pm$ 20 (6 m) for contour interpolations.

The gravity stations on line EBR1 - EBR11 were occupied five times and those on line ECB1 - ECB41 twice. "B" series stations are reoccupations of CDMG data.

III. California Division of Mines and Geology Data

The 353 gravity stations listed in table 2 were established by the CDMG between 1966 and 1969 using Worden gravity meter No. 558 with a scale constant of 0.09865 mgal/scale division as determined by three runs over the Skeggs Point Calibration Range (Barnes and others, 1969).

Base stations used for these data are CH252 and CH253 (Chapman, 1966, p. 41) with values of 979,838.40 mgals and 979,838.90 mgals, respectively.

The maximum uncertainty of the observed gravity values for these data is estimated to be $\pm$ 0.15 mgal (Chapman, written commun., 1975).

Although there is no accuracy code notation with most of the stations in table 2, locations and elevation control were obtained in a similar fashion as in table 1 (namely benchmark and spot elevations from USGS 7-1/2 minute maps). Therefore elevation uncertainty ranges from $\pm$ 0.02 ft (0.06 m) to $\pm$ 10 ft (3 m).

IV. References

Barnes, D. F., Oliver, H W., and Robbins, S. L., 1969, Standardization of Gravimeter calibrations in the Geological Survey: EOS, American Geophysical Union, v. 50, no. 10, p. 526-527.

Chapman, R. H., 1966, Gravity base station network: California Division Mines and Geology Special Report 90, 49 p.

Morelli, C. (ed.), 1974, The international gravity standardization net 1971: International Association Geodesy Special Publication 4, 194 p.

Plouff, Donald, 1977, Preliminary documentation for a FORTRAN program to compute gravity terrain corrections based on topography digitized on a geographic grid: U.S. Geological Survey Open-File Report 77-535, 45 p.

Robbins, S. L., in press, Complete Bouguer gravity, aeromagnetic, and generalized geologic map of the Hollister 15-minute quadrangle, California: U.S. Geological Survey Geophysical Investigations Map GP-945, 2 plates, scale 1:62,500.

Robbins, S. L., Oliver, H. W., and Plouff, Donald, 1973a, Magnetic tape containing average elevations of topography in California and adjacent regions for areas of 1 x 1 minute and 3 x 3 minutes in size: U.S. Geological Survey Report; tape available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA, NTIS-PB-219-794.

_____1973b, Description of magnetic tape containing average elevations of topography in California and adjacent regions for areas of 1 x 1 minute and 3 x 3 minutes in size: U.S. Geological Survey Report, 31 p.; available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA, NTIS-PB-219-795.

Robbins, S. L., Oliver, H. W., Holden, K. D., and Farewell, R. C., 1974, Principal facts, accuracies, and sources for 3,046 gravity stations on the San Jose 1^{o} x 2^{o} quadrangle, California: U.S. Geological Survey Report, 106 p.; available from National Technical Information Service, U.S. Department of Commerce, Springfield, VA, NTIS-PB-232-728.

Swick, C. H., 1942, Pendulum gravity measurements and isostatic reductions: U.S. Coast and Geodetic Survey Special Publication 232, 82 p.

Woollard, G. P., and Rose, J. C., 1963, International gravity measurements: Madison, Wisconsin, University of Wisconsin Geophysical and Polar Research Center, 518 p., illus., tables.

TABLE 1. HOLLISTER GRAVITY DATA COLLECTED BY THE USGS.

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EQ1	F424	36	45.62	121	29.41	2886.0	979702.18	77.37	2.65D	12.54	-9.54	-4.00
EQ2	F425	36	45.93	121	28.90	2714.0	979712.76	71.33	0.95D	9.13	-13.07	-7.70
EQ4	V425	36	46.60	121	28.21	2424.0	979723.11	53.44	1.65D	9.27	-20.85	-16.12
EQ6	F425	36	47.09	121	27.91	1987.0	979746.29	34.81	2.34D	7.94	-25.77	-21.92
EQ7	V524	36	47.77	121	26.76	1396.0	979763.69	-4.35	3.07D	6.82	-45.71	-43.07
EQ8	F423	36	56.76	121	16.43	1657.0	979782.07	25.61	0.47D	2.78	-28.77	-25.31
EQ9	F423	36	56.81	121	15.24	1876.0	979767.51	31.57	0.25D	2.55	-30.59	-26.63
EQ10	C723	36	56.80	121	14.24	1810.0	979771.06	28.93	0.31D	3.09	-30.41	-26.63
EQ11	C623	36	57.44	121	16.15	1835.0	979772.18	31.48	0.38D	2.82	-28.99	-25.14
EQ12	F423	36	57.86	121	16.92	1612.0	979786.67	24.39	0.57D	2.60	-28.62	-25.25
EQ13	C623	36	58.24	121	15.96	1425.0	979798.93	18.52	0.39D	1.96	-28.69	-25.68
EQ14	C623	36	56.35	121	17.62	860.0	979828.96	-1.87	0.82D	3.63	-27.93	-26.27
EQ15	C623	36	55.90	121	18.70	890.0	979826.57	-0.79	0.71D	2.47	-29.04	-27.24
EQ16	C623	36	56.08	121	19.89	540.0	979847.56	-12.98	0.92D	2.64	-28.99	-27.97
EQ17	C623	36	55.39	121	20.20	422.0	979851.46	-19.18	0.32D	2.09	-31.67	-30.87
EQ18	F423	36	57.01	121	22.92	219.0	979869.98	-22.10	0.10D	1.22	-28.44	-28.04
EQ19	C523	36	56.86	121	23.86	202.0	979869.59	-23.87	0.00D	1.00	-29.85	-29.46
EQ20	B124	36	53.05	121	19.23	475.8	979841.73	-20.47	0.04D	1.82	-35.08	-34.15
EQ21	D524	36	53.10	121	18.21	742.0	979827.63	-9.61	0.31D	2.66	-32.57	-31.11
EQ22	N224	36	54.28	121	17.24	1417.6	979789.22	13.83	0.67D	3.08	-32.01	-29.09
EQ23	F524	36	55.10	121	16.56	1834.0	979766.94	29.53	0.38D	3.16	-30.57	-26.74
EQ24	B124	36	54.68	121	15.84	2096.9	979748.80	36.71	0.39D	3.97	-31.63	-27.28
EQ25	G624	36	54.53	121	14.79	2538.0	979719.70	49.31	0.38D	4.72	-33.45	-28.18
EQ26	C624	36	49.29	121	19.23	690.0	979823.26	-13.38	0.19D	1.32	-35.89	-34.45
EQ27	G724	36	48.83	121	13.32	1938.0	979747.86	29.27	0.57F	2.96	-34.61	-30.54
EQ28	G724	36	48.73	121	14.93	1153.0	979798.54	6.27	0.30D	2.16	-31.36	-28.97
EQ29	C623	36	47.08	121	15.11	898.0	979805.91	-7.98	0.04D	1.60	-37.38	-35.51
EQ30	N223	36	46.67	121	14.42	979.7	979800.09	-5.52	0.07D	1.77	-37.57	-35.53
EQ31	C623	36	48.08	121	17.35	905.0	979809.37	-5.30	0.73D	1.95	-34.59	-32.73
EQ32	D523	36	46.60	121	18.36	508.9	979828.59	-21.19	0.31D	2.04	-36.73	-35.74
EQ33	C623	36	45.54	121	20.16	455.0	979818.61	-34.72	0.12D	2.09	-48.34	-47.47
EQ34	C623	36	46.40	121	20.66	470.0	979822.38	-30.79	0.14D	1.84	-45.18	-44.26
EQ35	V423	36	45.43	121	30.18	3171.0	979678.50	80.76	5.60D	21.41	-7.06	-1.47
EQ36	C623	36	48.37	121	30.32	578.0	979839.77	-6.06	1.76D	5.27	-20.76	-19.82
EQ37	C623	36	44.95	121	17.14	610.0	979815.28	-22.63	0.23D	2.14	-41.55	-40.35
EQ38	F423	36	44.29	121	15.42	869.0	979797.55	-15.04	0.14D	1.93	-43.11	-41.32
EQ39	G523	36	43.62	121	16.22	687.0	979803.67	-25.07	0.00D	1.55	-47.24	-45.83
EQ40	C524	36	52.91	121	23.94	237.0	979847.37	-37.09	0.00D	0.87	-44.41	-43.94
EQ41	F423	36	57.66	121	21.15	843.0	979833.50	-0.82	0.52D	2.22	-27.71	-25.99
EQ42	F423	36	58.64	121	21.30	1210.0	979811.70	10.49	2.29D	5.61	-25.66	-23.36
EQ43	F423	36	59.33	121	20.99	1344.0	979806.65	17.05	0.90D	4.01	-25.32	-22.62
EQ44	F423	36	59.46	121	20.04	1563.0	979793.73	24.53	0.38D	3.59	-25.80	-22.60
EQ45	F423	37	0.29	121	20.35	1258.0	979810.23	11.16	3.00D	6.78	-25.48	-23.15
EQ46	C623	36	58.72	121	19.34	1545.0	979792.45	22.63	0.44D	3.20	-27.47	-24.28
EQ47	F423	36	58.30	121	18.30	1610.0	979786.30	23.20	1.53D	4.47	-27.87	-24.62
EQ48	F423	36	59.37	121	17.14	1962.0	979767.22	35.67	1.68D	5.26	-26.74	-22.77
EQ49	C623	36	58.76	121	17.04	1795.0	979777.28	30.91	0.63D	3.09	-27.91	-24.17
EQ50	C623	36	58.12	121	20.13	810.0	979838.01	-0.08	0.74D	2.42	-25.63	-24.00
EQ51	C623	36	57.25	121	18.96	550.0	979850.02	-11.27	0.41D	3.03	-27.24	-26.22
EQ52	C623	36	57.36	121	20.34	455.0	979857.79	-12.59	0.08D	1.76	-26.55	-25.66

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EQ53	C623	36	54.14	121	19.53	465.0	979845.47	-19.32	0.14D	2.18	-33.20	-32.32
EQ54	C623	36	54.66	121	18.78	730.0	979829.72	-10.90	1.37D	4.02	-32.08	-30.73
EQ55	C623	36	55.08	121	18.04	1530.0	979783.44	17.46	0.71D	3.69	-31.64	-28.51
EQ56	C623	36	45.80	121	25.08	1590.0	979762.16	15.21	2.56D	6.37	-33.27	-30.19
EQ57	F423	36	45.80	121	25.79	1981.0	979743.33	33.15	1.71D	7.51	-27.66	-23.79
EQ58	C623	36	45.31	121	25.47	2035.0	979742.92	38.53	1.05D	5.98	-25.67	-21.58
EQ59	F423	36	44.47	121	25.83	2850.0	979694.81	68.26	1.18D	10.53	-19.42	-13.83
EQ60	G623	36	44.34	121	26.46	2662.0	979710.34	66.30	2.16D	9.54	-15.91	-10.68
EQ61	C723	36	43.69	121	27.04	2320.0	979739.68	64.42	0.24D	4.14	-11.43	-6.60
EQ62	F423	36	44.80	121	24.79	2078.0	979737.43	37.82	2.95D	8.02	-25.82	-21.76
EQ63	F423	36	45.14	121	24.59	1916.0	979744.38	29.04	2.56D	7.56	-29.48	-25.76
EQ64	F423	36	45.17	121	23.83	1612.0	979757.07	13.10	2.91D	6.28	-36.24	-33.10
EQ65	F423	36	58.81	121	23.88	1228.0	979809.00	9.24	1.55D	5.78	-27.37	-25.03
EQ66	F423	36	59.62	121	24.58	1420.0	979799.58	16.70	1.21D	5.39	-26.91	-24.13
EQ67	G523	36	59.87	121	25.22	1433.0	979801.50	19.49	0.82D	4.39	-25.57	-22.70
EQ68	C623	36	59.05	121	25.53	850.0	979836.59	0.93	0.53D	2.81	-25.61	-23.92
EQ69	C623	36	59.45	121	25.66	1110.0	979820.48	8.70	0.88D	3.98	-25.63	-23.44
EQ70	C723	37	0.85	121	26.25	1220.0	979820.56	17.10	0.18D	2.12	-22.88	-20.34
EQ71	C723	37	0.95	121	25.18	1330.0	979810.84	17.58	1.23D	3.11	-25.21	-22.48
EQ72	C723	37	1.32	121	24.43	1160.0	979822.78	13.00	0.04D	1.70	-25.34	-22.90
EQ73	C723	37	1.39	121	23.56	1435.0	979805.21	21.19	0.80D	3.47	-24.86	-21.93
EQ74	F423	37	2.00	121	23.73	1588.0	979798.32	27.80	1.12D	3.35	-23.64	-20.36
EQ75	C723	37	2.33	121	22.77	2035.0	979873.94	40.42	0.59D	5.02	-24.74	-20.59
EQ76	G623	37	1.59	121	22.77	1509.0	979800.11	22.76	0.91D	3.99	-25.31	-22.25
EQ77	F423	37	0.78	121	21.95	666.0	979850.57	-4.90	0.48D	2.40	-25.50	-24.19
EQ78	C723	37	0.90	121	22.72	810.0	979841.76	-0.35	0.84D	2.92	-25.40	-23.80
EQ79	C723	37	0.32	121	25.88	1330.0	979810.60	18.25	0.62D	3.36	-24.28	-21.58
EQ80	C623	36	59.13	121	24.24	1010.0	979826.02	5.30	0.27D	2.50	-27.06	-25.00
EQ81	C623	36	58.23	121	23.98	790.0	979837.17	-2.96	0.44D	2.38	-27.85	-26.27
EQ82	F523	36	46.77	121	24.85	1295.0	979770.10	-6.00	0.86D	3.88	-46.81	-44.21
EQ83	C623	36	47.20	121	25.03	875.0	979796.98	-19.24	0.89D	2.88	-46.57	-44.83
EQ84	F423	36	46.30	121	26.82	1857.0	979752.23	29.67	4.30D	9.01	-25.37	-21.87
EQ85	C623	36	45.92	121	27.50	2090.0	979746.37	46.27	1.50D	6.31	-19.49	-15.31
EQ86	F423	36	46.42	121	27.38	2141.0	979738.19	42.16	1.50D	7.46	-24.21	-19.99
EQ87	F423	36	47.08	121	26.84	1697.0	979756.38	17.65	2.23D	6.47	-34.42	-31.11
EQ88	F423	36	46.88	121	26.37	1528.0	979766.30	11.96	2.26D	5.55	-35.21	-32.21
EQ89	C523	36	50.52	121	19.03	573.0	979834.10	-15.32	0.17D	1.48	-33.63	-32.46
EQ90	G623	36	50.23	121	13.77	1798.0	979759.99	26.21	0.14D	2.14	-33.67	-29.85
EQ91	G523	36	51.28	121	14.64	2296.0	979727.95	39.49	0.57D	4.52	-35.15	-30.40
EQ92	C623	36	52.53	121	15.05	2465.0	979719.71	45.34	0.51D	4.83	-34.80	-29.70
EQ93	G623	36	52.31	121	14.09	2610.0	979710.36	49.94	0.37D	4.69	-35.33	-29.90
EQ94	G523	36	52.79	121	13.47	2752.0	979699.14	51.38	2.37F	7.98	-35.48	-29.95
EQ95	F423	36	50.80	121	15.17	2284.0	979725.50	36.60	1.82D	7.49	-34.65	-30.12
EQ96	C623	36	51.26	121	16.12	1185.0	979798.99	6.08	0.84D	4.15	-30.67	-28.33
EQ97	F423	36	46.37	121	16.07	1355.0	979775.06	5.19	0.51D	2.48	-39.09	-36.27
EQ98	F423	36	45.33	121	15.08	1584.0	979756.75	9.92	0.55D	3.11	-41.62	-38.33
EQ99	F423	36	46.73	121	17.06	755.0	979813.84	-12.99	0.41D	1.97	-37.09	-35.55
EQ100	C524	36	59.08	121	26.45	158.0	979880.30	-20.50	0.05D	2.16	-23.80	-23.59
EQ101	P433	36	46.61	121	21.69	682.0	979807.07	-26.44	1.42D	3.06	-46.93	-45.63
EQ102	T633	36	46.65	121	22.15	1164.0	979775.50	-12.74	0.55D	3.53	-49.39	-47.05

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EQ103	F433	36	46.47	121	22.38	1244.0	979768.51	-11.94	0.74D	3.67	-51.21	-48.71
EQ104	F433	36	46.27	121	22.73	1236.0	979770.20	-10.72	0.97D	3.40	-49.97	-47.47
EQ105	F433	36	45.64	121	23.29	1313.0	979768.83	-3.94	0.24D	2.42	-46.83	-44.10
EQ106	F433	36	45.85	121	22.37	1338.0	979763.03	-7.69	1.23D	3.89	-49.97	-47.28
EQ107	F433	36	45.36	121	22.11	1320.0	979765.00	-6.70	2.23D	4.68	-47.58	-44.98
EQ108	F433	36	45.18	121	22.54	1384.0	979762.83	-2.60	1.00D	3.43	-46.92	-44.10
EQ109	T633	36	45.32	121	21.18	932.0	979791.24	-16.90	0.28D	1.90	-47.18	-45.25
EQ110	G633	36	45.29	121	20.84	1119.0	979775.67	-14.84	0.87D	3.25	-50.21	-47.96
EQ111	G633	36	45.15	121	20.57	1002.0	979782.16	-19.15	1.03D	3.06	-50.68	-48.67
EQ112	F433	36	45.18	121	19.59	1028.0	979785.42	-13.49	1.96D	4.31	-44.67	-42.68
EQ113	F433	36	45.98	121	19.22	1090.0	979780.39	-13.84	2.70D	4.91	-46.56	-44.47
EQ114	F433	36	45.38	121	19.97	924.0	979791.60	-17.38	0.86D	2.82	-46.46	-44.61
EQ115	F433	36	45.62	121	18.18	1250.0	979768.96	-9.70	4.18D	7.19	-45.65	-43.36
EQ116	F432	36	48.62	121	23.34	331.0	979833.31	-36.11	0.01D	1.41	-46.14	-45.50
EBR01	P432	36	59.01	121	27.85	149.6	979875.53	-25.96	0.07D	1.46	-29.67	-29.43
EBR02	P432	36	59.01	121	27.84	149.3	979875.70	-25.81	0.10D	1.49	-29.48	-29.25
EBR03	P432	36	59.02	121	27.81	144.6	979876.57	-25.40	0.15D	1.56	-28.83	-28.61
EBR04	P432	36	59.04	121	27.78	143.0	979877.46	-24.69	0.17D	1.61	-28.02	-27.81
EBR05	P432	36	59.06	121	27.76	141.0	979878.02	-24.35	0.16D	1.63	-27.59	-27.39
EBR06	P432	36	59.07	121	27.73	140.8	979878.45	-23.95	0.15D	1.63	-27.18	-26.98
EBR07	P432	36	59.09	121	27.72	140.0	979878.98	-23.53	0.07D	1.58	-26.79	-26.58
EBR08	P432	36	59.08	121	27.65	141.4	979879.29	-23.07	0.15D	1.65	-26.31	-26.10
EBR09	P432	36	59.08	121	27.62	140.8	979879.62	-22.80	0.12D	1.62	-26.04	-25.84
EBR10	P432	36	59.07	121	27.57	141.1	979879.77	-22.60	0.13D	1.63	-25.85	-25.64
EBR11	P432	36	59.06	121	27.55	140.5	979879.86	-22.55	0.11D	1.59	-25.81	-25.60
ECB01	P422	36	49.62	121	23.98	310.1	979836.02	-36.82	0.20D	1.32	-46.21	-45.61
ECB02	P422	36	49.63	121	23.97	310.0	979836.12	-36.74	0.01D	1.13	-46.32	-45.71
ECB03	P422	36	49.64	121	23.95	310.5	979836.14	-36.69	0.01D	1.12	-46.29	-45.68
ECB04	P422	36	49.65	121	23.94	311.3	979836.04	-36.73	0.01D	1.12	-46.36	-45.75
ECB06	P422	36	49.68	121	23.92	311.7	979835.99	-36.78	0.02D	1.12	-46.42	-45.81
ECB07	P422	36	49.69	121	23.91	307.7	979836.16	-37.01	0.01D	1.11	-46.52	-45.92
ECB08	P422	36	49.71	121	23.88	311.7	979835.94	-36.88	0.00D	1.09	-46.55	-45.94
ECB09	P422	36	49.72	121	23.87	312.2	979835.94	-36.85	0.00D	1.09	-46.54	-45.92
ECB10	P422	36	49.73	121	23.86	312.4	979835.96	-36.82	0.00D	1.09	-46.52	-45.90
ECB11	P422	36	49.75	121	23.84	312.5	979835.97	-36.83	0.00D	1.09	-46.54	-45.92
ECB12	P422	36	49.77	121	23.82	318.7	979835.55	-36.70	0.01D	1.09	-46.62	-45.99
ECB13	P422	36	49.80	121	23.80	319.3	979835.62	-36.61	0.00D	1.07	-46.57	-45.93
ECB14	P422	36	49.84	121	23.74	319.5	979835.72	-36.55	0.00D	1.06	-46.52	-45.89
ECB15	P422	36	49.84	121	23.70	319.4	979835.76	-36.52	0.00D	1.06	-46.49	-45.85
ECB16	P422	36	49.84	121	23.66	319.7	979835.78	-36.47	0.00D	1.06	-46.45	-45.81
ECB17	P422	36	49.83	121	23.62	320.1	979835.81	-36.39	0.00D	1.07	-46.38	-45.75
ECB18	P422	36	49.83	121	23.57	320.7	979835.79	-36.35	0.00D	1.07	-46.36	-45.72
ECB19	P422	36	49.83	121	23.54	322.3	979835.67	-36.32	0.00D	1.06	-46.39	-45.75
ECB20	P422	36	49.61	121	24.00	297.9	979836.85	-37.12	0.15D	1.29	-46.12	-45.55
ECB21	P422	36	49.59	121	24.01	302.1	979836.45	-37.10	0.11D	1.25	-46.29	-45.70
ECB22	P422	36	49.58	121	24.02	300.0	979836.51	-37.22	0.18D	1.32	-46.26	-45.68
ECB23	P422	36	49.57	121	24.03	300.6	979836.39	-37.27	0.08D	1.22	-46.43	-45.85
ECB24	P422	36	49.56	121	24.05	300.5	979836.36	-37.30	0.02D	1.17	-46.51	-45.92
ECB25	P422	36	49.55	121	24.07	302.9	979836.04	-37.37	0.01D	1.16	-46.67	-46.08
ECB26	P422	36	49.54	121	24.09	307.0	979835.60	-37.41	0.02D	1.17	-46.85	-46.25

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
ECB27	P422	36	49.54	121	24.12	305.3	979835.58	-37.59	0.01D	1.16	-46.97	-46.38
ECB28	P422	36	49.54	121	24.14	304.1	979835.47	-37.82	0.00D	1.16	-47.17	-46.57
ECB29	P422	36	49.53	121	24.16	302.9	979835.35	-38.04	0.00D	1.16	-47.34	-46.75
ECB30	P422	36	49.52	121	24.21	300.5	979835.20	-38.40	0.00D	1.17	-47.61	-47.02
ECB31	P422	36	49.50	121	24.24	300.7	979834.97	-38.58	0.00D	1.18	-47.79	-47.20
ECB32	P422	36	49.47	121	24.27	302.7	979834.78	-38.54	0.00D	1.19	-47.81	-47.22
ECB33	P422	36	49.45	121	24.32	302.7	979834.48	-38.81	0.00D	1.20	-48.06	-47.47
ECB34	P422	36	49.43	121	24.36	302.1	979834.37	-38.95	0.01D	1.23	-48.16	-47.57
ECB35	P422	36	49.40	121	24.39	302.3	979834.27	-38.99	0.01D	1.24	-48.19	-47.61
ECB36	P422	36	49.38	121	24.42	309.5	979833.60	-38.95	0.01D	1.24	-48.40	-47.80
ECB37	P422	36	49.37	121	24.46	318.6	979832.83	-38.85	0.02D	1.24	-48.61	-47.99
ECB38	P422	36	49.33	121	24.51	319.2	979832.53	-39.03	0.03D	1.28	-48.78	-48.16
ECB39	P422	36	49.31	121	24.55	319.9	979832.28	-39.19	0.04D	1.30	-48.94	-48.32
ECB40	P422	36	49.28	121	24.60	319.8	979832.09	-39.35	0.08D	1.36	-49.04	-48.42
ECB41	P422	36	49.27	121	24.65	320.5	979831.83	-39.53	0.10D	1.39	-49.21	-48.59
ECR1	P123	36	46.25	121	24.64	719.4	979808.74	-20.75	0.58D	3.60	-41.99	-40.64
ECR2	P123	36	46.28	121	24.62	721.3	979808.32	-21.03	0.59D	3.52	-42.42	-41.05
ECR3	P123	36	46.31	121	24.60	721.3	979808.02	-21.38	0.62D	3.47	-42.81	-41.45
ECR4	P123	36	46.34	121	24.58	713.6	979808.30	-21.86	0.60D	3.43	-43.07	-41.72
ECR5	P123	36	46.37	121	24.56	703.0	979808.86	-22.34	0.60D	3.42	-43.20	-41.87
ECR6	P123	36	46.40	121	24.54	693.2	979809.03	-23.14	0.65D	3.46	-43.62	-42.31
ECR7	P123	36	46.42	121	24.52	684.6	979809.32	-23.69	0.68D	3.49	-43.84	-42.56
ECR8	P123	36	46.45	121	24.51	682.0	979809.17	-24.12	0.75D	3.52	-44.15	-42.87
ECR9	P123	36	46.48	121	24.50	679.1	979809.17	-24.44	0.85D	3.59	-44.30	-43.04
ECR10	P123	36	46.51	121	24.50	669.9	979809.48	-25.04	0.90D	3.64	-44.53	-43.29
ECR11	P123	36	46.20	121	24.67	719.3	979809.39	-20.03	0.54D	3.71	-41.16	-39.81
ECR12	P123	36	46.19	121	24.67	724.2	979809.30	-19.65	0.56D	3.73	-40.93	-39.58
ECR13	P123	36	46.17	121	24.68	725.6	979809.36	-19.43	0.56D	3.79	-40.70	-39.34
ECR14	P123	36	46.16	121	24.68	726.6	979809.44	-19.25	0.57D	3.81	-40.52	-39.17
ECR15	P123	36	46.14	121	24.67	728.4	979809.35	-19.13	0.57D	3.84	-40.44	-39.09
ECR16	P123	36	46.13	121	24.67	729.7	979809.31	-19.04	0.58D	3.86	-40.37	-39.01
ECR17	P123	36	46.11	121	24.67	730.5	979809.32	-18.92	0.58D	3.92	-40.22	-38.86
ECR18	P123	36	46.10	121	24.67	730.4	979809.44	-18.80	0.63D	4.00	-40.02	-38.67
ECR19	P123	36	46.08	121	24.68	730.7	979809.54	-18.64	0.70D	4.14	-39.73	-38.39
ECR20	P123	36	46.07	121	24.69	730.8	979809.70	-18.46	0.79D	4.27	-39.43	-38.09
ECR21	P123	36	46.05	121	24.70	732.7	979809.69	-18.26	0.89D	4.43	-39.13	-37.80
ECR22	P123	36	46.04	121	24.71	744.7	979809.08	-17.72	0.97D	4.47	-38.96	-37.61
ECR23	P123	36	46.02	121	24.72	766.6	979807.99	-16.73	1.05D	4.49	-38.70	-37.31
ECR24	P123	36	46.01	121	24.73	785.3	979806.93	-16.02	1.21D	4.59	-38.54	-37.11
ECR25	P123	36	46.00	121	24.73	801.9	979806.08	-15.29	1.47D	4.78	-38.20	-36.74
EHH1	P122	36	46.41	121	25.50	829.3	979807.49	-11.89	0.86D	4.11	-36.41	-34.85
EHH2	P124	36	46.43	121	25.54	833.2	979807.28	-11.76	1.01D	4.23	-36.30	-34.74
EHH3	P124	36	46.44	121	25.58	836.0	979807.48	-11.31	0.92D	4.14	-36.03	-34.46
EHH4	P124	36	46.45	121	25.61	835.8	979807.83	-11.00	0.93D	4.16	-35.70	-34.13
EHH5	P124	36	46.45	121	25.62	838.3	979807.95	-10.64	0.93D	4.15	-35.43	-33.85
EHH6	P124	36	46.45	121	25.64	835.9	979808.32	-10.50	0.95D	4.21	-35.15	-33.58
EHH7	P124	36	46.45	121	25.66	832.3	979808.75	-10.40	0.99D	4.29	-34.85	-33.29
EHH8	P124	36	46.44	121	25.68	833.0	979808.98	-10.09	1.01D	4.34	-34.51	-32.95
EHH9	P124	36	46.44	121	25.70	834.5	979809.17	-9.77	1.03D	4.37	-34.21	-32.65
EHH10	P124	36	46.43	121	25.72	835.9	979809.36	-9.43	1.07D	4.45	-33.84	-32.29

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EHH11	P124	36	46.43	121	25.74	838.6	979809.39	-9.15	1.10D	4.48	-33.62	-32.06
EHH12	P124	36	46.42	121	25.76	838.6	979809.60	-8.92	1.12D	4.55	-33.33	-31.77
EHH13	P123	36	46.42	121	25.80	841.9	979809.79	-8.42	1.16D	4.61	-32.88	-31.32
EHH14	P123	36	46.41	121	25.84	840.5	979810.28	-8.05	1.19D	4.71	-32.36	-30.81
EHH15	P123	36	46.40	121	25.88	841.6	979810.64	-7.57	1.20D	4.78	-31.84	-30.30
EHH16	P123	36	46.39	121	25.92	844.8	979810.97	-6.92	1.20D	4.83	-31.26	-29.71
EHH17	P123	36	46.38	121	25.97	855.4	979810.84	-6.05	1.22D	4.86	-30.73	-29.15
EHH18	P123	36	46.37	121	26.00	861.7	979810.86	-5.42	1.21D	4.86	-30.31	-28.72
EHH19	P123	36	46.36	121	26.03	861.3	979811.26	-5.03	1.22D	4.93	-29.84	-28.26
EHH20	P123	36	46.34	121	26.06	861.9	979811.71	-4.50	1.21D	5.00	-29.26	-27.68
EHH21	P123	36	46.32	121	26.08	864.1	979812.21	-3.77	1.17D	5.01	-28.59	-27.01
EHH22	P123	36	46.40	121	25.46	839.2	979806.74	-11.70	0.79D	3.96	-36.71	-35.12
EHH23	P123	36	46.40	121	25.42	847.0	979805.90	-11.80	0.72D	3.81	-37.23	-35.61
EHH24	P123	36	46.39	121	25.38	857.1	979805.03	-11.71	0.62D	3.64	-37.66	-36.00
EHH25	P123	36	46.39	121	25.34	863.4	979804.51	-11.64	0.48D	3.43	-38.02	-36.34
EHH26	P123	36	46.40	121	25.32	868.0	979804.15	-11.57	0.41D	3.29	-38.24	-36.54
EHH27	P123	36	46.40	121	25.30	867.8	979803.98	-11.77	0.40D	3.26	-38.47	-36.77
EHH28	P123	36	46.41	121	25.28	860.3	979804.18	-12.28	0.41D	3.26	-38.72	-37.04
EHH29	P123	36	46.41	121	25.26	855.7	979804.24	-12.66	0.41D	3.25	-38.95	-37.28
EHH30	P123	36	46.42	121	25.24	856.4	979804.00	-12.85	0.42D	3.21	-39.20	-37.53
EHH31	P123	36	46.43	121	25.22	857.3	979803.65	-13.12	0.48D	3.22	-39.50	-37.82
EHH32	P123	36	46.44	121	25.20	856.5	979803.43	-13.43	0.58D	3.28	-39.72	-38.05
EHH33	P123	36	46.45	121	25.18	864.1	979802.78	-13.39	0.70D	3.32	-39.90	-38.21
EHH34	P123	36	46.46	121	25.17	876.9	979801.86	-13.11	0.83D	3.38	-40.01	-38.29
EHH35	P123	36	46.48	121	25.15	888.0	979800.87	-13.09	0.93D	3.39	-40.36	-38.62
EHH36	P123	36	46.51	121	25.14	901.4	979799.75	-13.00	1.02D	3.39	-40.73	-38.97
EHH37	P123	36	46.53	121	25.13	914.9	979798.69	-12.82	1.10D	3.40	-41.01	-39.21
EHH38	P123	36	46.55	121	25.12	933.2	979797.35	-12.46	1.12D	3.35	-41.33	-39.49
EHH39	P123	36	46.58	121	25.11	949.8	979796.12	-12.17	1.16D	3.33	-41.63	-39.76
EHH40	P123	36	46.61	121	25.10	965.6	979794.95	-11.90	1.20D	3.32	-41.91	-40.00
B228	B123	36	49.18	121	23.22	343.2	979833.89	-35.20	0.02D	1.19	-45.86	-45.18
EHR1	P123	36	49.17	121	23.26	333.4	979834.50	-35.50	0.07D	1.26	-45.76	-45.11
EHR2	P124	36	49.15	121	23.30	328.0	979834.81	-35.68	0.01D	1.21	-45.80	-45.15
EHR3	P124	36	49.14	121	23.34	328.0	979834.83	-35.64	0.01D	1.21	-45.76	-45.11
EHR4	P124	36	49.13	121	23.38	328.2	979834.87	-35.57	0.01D	1.21	-45.69	-45.05
EHR4A	P123	36	49.13	121	23.39	330.7	979834.66	-35.54	0.02D	1.22	-45.74	-45.09
EHR5	P124	36	49.10	121	23.38	326.3	979835.03	-35.54	0.02D	1.24	-45.57	-44.93
EHR5A	P123	36	49.08	121	23.38	322.7	979835.21	-35.67	0.01D	1.24	-45.58	-44.95
EHR6	P124	36	49.07	121	23.37	320.5	979835.40	-35.67	0.00D	1.24	-45.50	-44.88
EHR7	P123	36	49.05	121	23.37	316.4	979835.61	-35.82	0.00D	1.25	-45.50	-44.88
EHR8	P123	36	49.04	121	23.38	315.9	979835.61	-35.86	0.00D	1.25	-45.52	-44.90
EHR9	P123	36	49.03	121	23.40	316.4	979835.48	-35.92	0.00D	1.26	-45.59	-44.98
EHR10	P124	36	49.02	121	23.42	316.0	979835.41	-36.01	0.00D	1.26	-45.67	-45.05
EHR11	P124	36	49.01	121	23.44	316.0	979835.35	-36.06	0.00D	1.26	-45.71	-45.10
EHR12	P124	36	48.99	121	23.45	315.0	979835.44	-36.04	0.00D	1.27	-45.65	-45.04
EHR13	P124	36	48.98	121	23.47	313.9	979835.50	-36.07	0.00D	1.28	-45.63	-45.03
EHR14	P124	36	48.97	121	23.49	311.0	979835.69	-36.14	0.00D	1.29	-45.59	-44.99
EHR15	P123	36	48.95	121	23.51	311.6	979835.50	-36.24	0.00D	1.30	-45.71	-45.10
EHR16	P124	36	48.94	121	23.52	312.3	979835.36	-36.29	0.00D	1.30	-45.78	-45.17
EHR17	P124	36	48.93	121	23.53	312.5	979835.28	-36.34	0.00D	1.31	-45.83	-45.23

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EHR18	P124	36	48.92	121	23.54	313.4	979835.08	-36.44	0.00D	1.31	-45.96	-45.35
EHR19	P124	36	48.91	121	23.55	313.5	979834.99	-36.51	0.00D	1.31	-46.03	-45.42
EHR20	P124	36	48.90	121	23.56	314.8	979834.87	-36.49	0.00D	1.31	-46.05	-45.44
EHR21	P124	36	48.89	121	23.57	320.2	979834.43	-36.42	0.02D	1.33	-46.15	-45.53
EHR22	P124	36	48.87	121	23.58	326.9	979833.92	-36.27	0.01D	1.31	-46.25	-45.61
EHR23	P123	36	48.84	121	23.60	328.6	979833.70	-36.28	0.02D	1.34	-46.29	-45.65
EHR24	P123	36	48.81	121	23.63	332.0	979833.39	-36.23	0.02D	1.35	-46.35	-45.70
EHR25	P124	36	48.79	121	23.65	334.1	979833.21	-36.18	0.04D	1.38	-46.34	-45.69
EHR26	P124	36	48.75	121	23.67	335.5	979833.03	-36.17	0.04D	1.40	-46.36	-45.71
EHR27	P124	36	48.73	121	23.69	338.9	979832.75	-36.10	0.04D	1.41	-46.40	-45.74
EHR28	P124	36	48.70	121	23.71	341.8	979832.54	-35.99	0.05D	1.43	-46.37	-45.71
EHR29	P124	36	48.66	121	23.71	344.4	979832.46	-35.78	0.08D	1.48	-46.20	-45.54
EHR30	P124	36	48.62	121	23.73	348.6	979832.24	-35.54	0.09D	1.52	-46.06	-45.39
EHR31	P124	36	48.60	121	23.74	350.3	979832.11	-35.48	0.07D	1.51	-46.07	-45.39
B225	P124	36	48.57	121	23.76	353.3	979831.82	-35.44	0.08D	1.54	-46.10	-45.42
B225A	B123	36	48.58	121	23.77	351.6	979831.81	-35.63	0.12D	1.58	-46.20	-45.52
ELR1	F322	36	57.86	121	27.65	147.0	979868.05	-32.03	0.00D	0.96	-36.15	-35.88
ELR2	P323	36	57.87	121	27.63	146.5	979868.12	-32.01	0.00D	0.95	-36.12	-35.86
ELR3	P323	36	57.88	121	27.61	146.8	979868.13	-31.99	0.00D	0.96	-36.10	-35.84
ELR4	P323	36	57.88	121	27.59	146.7	979868.18	-31.96	0.00D	0.96	-36.07	-35.81
ELR5	P323	36	57.89	121	27.57	146.9	979868.18	-31.95	0.00D	0.96	-36.06	-35.80
ELR6	P323	36	57.90	121	27.56	147.0	979868.21	-31.93	0.00D	0.96	-36.05	-35.78
ELR7	P323	36	57.90	121	27.54	147.3	979868.23	-31.88	0.00D	0.96	-36.00	-35.74
ELR8	P323	36	57.91	121	27.52	147.5	979868.26	-31.84	0.00D	0.97	-35.97	-35.71
ELR9	P323	36	57.92	121	27.50	147.6	979868.31	-31.79	0.00D	0.97	-35.92	-35.66
ELR10	P323	36	57.92	121	27.48	147.7	979868.35	-31.74	0.00D	0.97	-35.87	-35.61
ELR11	P323	36	57.93	121	27.46	147.8	979868.42	-31.68	0.00D	0.98	-35.81	-35.55
ELR12	P323	36	57.94	121	27.45	147.6	979868.47	-31.66	0.00D	0.98	-35.78	-35.52
ELR13	P323	36	57.94	121	27.43	147.8	979868.52	-31.59	0.00D	0.98	-35.72	-35.45
ELR14	P323	36	57.95	121	27.41	147.8	979868.61	-31.52	0.00D	0.98	-35.64	-35.38
ELR15	P323	36	57.96	121	27.39	147.6	979868.71	-31.45	0.00D	0.99	-35.56	-35.30
ELR16	P323	36	57.96	121	27.37	148.1	979868.78	-31.33	0.00D	0.99	-35.46	-35.19
ELR17	P323	36	57.97	121	27.35	148.8	979868.83	-31.24	0.00D	0.99	-35.39	-35.13
ELR18	P323	36	57.98	121	27.33	144.4	979869.19	-31.30	0.00D	1.00	-35.29	-35.04
ELR19	P323	36	57.98	121	27.32	145.4	979869.26	-31.14	0.00D	1.00	-35.17	-34.91
ELR20	P323	36	57.99	121	27.30	145.6	979869.34	-31.06	0.00D	1.01	-35.08	-34.82
ELR21	P323	36	58.00	121	27.28	145.2	979869.45	-30.99	0.00D	1.01	-35.00	-34.74
ELR22	P323	36	58.00	121	27.26	145.1	979869.55	-30.91	0.00D	1.01	-34.91	-34.66
ELR23	P323	36	58.01	121	27.24	144.9	979869.65	-30.84	0.00D	1.01	-34.83	-34.58
ELR24	P323	36	58.02	121	27.23	145.0	979869.74	-30.76	0.00D	1.02	-34.75	-34.50
ELR25	P323	36	58.02	121	27.21	145.0	979869.82	-30.67	0.00D	1.02	-34.66	-34.41
ELR26	P323	36	58.03	121	27.19	144.6	979869.93	-30.62	0.00D	1.02	-34.59	-34.34
ELR27	P323	36	58.04	121	27.17	144.5	979870.04	-30.53	0.00D	1.03	-34.49	-34.24
ELR28	P323	36	58.04	121	27.15	145.0	979870.08	-30.44	0.00D	1.03	-34.42	-34.17
ELR29	P323	36	58.05	121	27.13	145.4	979870.16	-30.34	0.00D	1.03	-34.33	-34.08
ELR30	P323	36	58.06	121	27.11	145.6	979870.24	-30.26	0.00D	1.04	-34.25	-34.00
ELR31	P323	36	58.06	121	27.09	146.1	979870.27	-30.18	0.00D	1.04	-34.19	-33.93
ELR32	P323	36	58.07	121	27.07	147.3	979870.28	-30.07	0.00D	1.04	-34.11	-33.86
EMC0	B122	36	52.18	121	24.00	259.7	979842.93	-38.33	0.01D	0.89	-46.41	-45.90
EMC1	P123	36	52.17	121	24.03	256.1	979843.08	-38.51	0.00D	0.89	-46.47	-45.96

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EMC2	P123	36	52.17	121	24.08	254.4	979843.24	-38.51	0.00D	0.89	-46.41	-45.91
EMC3	P123	36	52.17	121	24.13	254.1	979843.28	-38.50	0.00D	0.88	-46.39	-45.89
EMC4	P123	36	52.18	121	24.18	253.3	979843.27	-38.60	0.00D	0.88	-46.46	-45.96
EMC5	P123	36	52.18	121	24.22	253.4	979843.26	-38.60	0.00D	0.88	-46.47	-45.97
EMC6	P123	36	52.18	121	24.27	254.0	979843.24	-38.56	0.00D	0.88	-46.45	-45.95
EMC7	P123	36	52.18	121	24.32	255.3	979843.12	-38.56	0.05D	0.93	-46.45	-45.94
EMC8	P123	36	52.19	121	24.35	254.6	979843.28	-38.48	0.04D	0.92	-46.35	-45.85
EMC9	P123	36	52.19	121	24.39	253.2	979843.43	-38.46	0.00D	0.88	-46.33	-45.83
EMC10	P123	36	52.19	121	24.43	252.9	979843.48	-38.44	0.00D	0.88	-46.30	-45.80
EMC11	P123	36	52.20	121	24.47	252.5	979843.54	-38.43	0.00D	0.88	-46.28	-45.78
EMC12	P123	36	52.20	121	24.51	252.8	979843.59	-38.35	0.00D	0.88	-46.21	-45.71
EMC13	P123	36	52.20	121	24.53	252.8	979843.56	-38.38	0.00D	0.88	-46.24	-45.74
EMC14	P123	36	52.20	121	24.55	253.1	979843.55	-38.36	0.00D	0.88	-46.23	-45.73
EMC15	P123	36	52.20	121	24.57	253.5	979843.52	-38.36	0.00D	0.87	-46.24	-45.74
EMC16	P123	36	52.20	121	24.59	253.7	979843.55	-38.31	0.00D	0.87	-46.20	-45.70
EMC17	P123	36	52.20	121	24.61	254.2	979843.53	-38.28	0.00D	0.87	-46.19	-45.69
EMC18	P123	36	52.20	121	24.63	255.2	979843.47	-38.25	0.00D	0.87	-46.19	-45.68
EMC19	P123	36	52.20	121	24.65	255.9	979843.44	-38.21	0.00D	0.87	-46.18	-45.67
EMC20	P123	36	52.20	121	24.67	256.8	979843.40	-38.17	0.00D	0.87	-46.17	-45.66
EMC21	P123	36	52.20	121	24.69	257.4	979843.38	-38.13	0.00D	0.87	-46.15	-45.64
EMC22	P123	36	52.21	121	24.70	257.8	979843.38	-38.11	0.00D	0.87	-46.14	-45.63
EMC23	P123	36	52.21	121	24.71	258.1	979843.40	-38.06	0.00D	0.87	-46.10	-45.59
EMC24	P123	36	52.21	121	24.72	258.6	979843.42	-37.99	0.00D	0.87	-46.06	-45.54
EMC25	P123	36	52.21	121	24.73	258.7	979843.44	-37.96	0.00D	0.87	-46.03	-45.52
EMC26	P123	36	52.21	121	24.74	258.9	979843.45	-37.93	0.00D	0.87	-46.01	-45.49
EMC27	P123	36	52.21	121	24.74	258.8	979843.45	-37.94	0.00D	0.87	-46.01	-45.50
EMC28	P123	36	52.21	121	24.75	259.0	979843.45	-37.92	0.00D	0.87	-46.00	-45.49
EMC29	P123	36	52.21	121	24.76	259.2	979843.44	-37.91	0.00D	0.87	-46.00	-45.49
EMC30	P123	36	52.21	121	24.78	260.0	979843.44	-37.84	0.00D	0.87	-45.95	-45.44
EMC31	P123	36	52.21	121	24.80	260.8	979843.41	-37.79	0.00D	0.87	-45.94	-45.42
EMC32	P123	36	52.21	121	24.82	261.9	979843.34	-37.76	0.00D	0.87	-45.94	-45.42
EMC33	P123	36	52.21	121	24.84	261.7	979843.30	-37.82	0.00D	0.86	-45.99	-45.47
EMC34	P123	36	52.21	121	24.86	262.0	979843.26	-37.83	0.00D	0.86	-46.02	-45.50
EMC35	P123	36	52.21	121	24.88	262.3	979843.25	-37.81	0.00D	0.86	-46.01	-45.49
EMC36	P123	36	52.21	121	24.90	262.6	979843.23	-37.80	0.00D	0.86	-46.01	-45.49
EMC37	P123	36	52.21	121	24.92	262.6	979843.23	-37.80	0.00D	0.86	-46.01	-45.49
EMC38	P123	36	52.21	121	24.94	262.7	979843.15	-37.88	0.00D	0.86	-46.09	-45.56
EMC39	P123	36	52.21	121	24.96	263.4	979843.03	-37.93	0.00D	0.86	-46.17	-45.64
EMC40	P123	36	52.21	121	24.98	265.2	979842.87	-37.92	0.00D	0.86	-46.22	-45.69
EMC41	P123	36	52.22	121	25.01	268.9	979842.54	-37.92	0.00D	0.86	-46.35	-45.81
EMC42	P123	36	52.22	121	25.05	272.6	979842.19	-37.92	0.00D	0.86	-46.48	-45.93
EMC43	P123	36	52.22	121	25.09	274.2	979841.95	-38.01	0.00D	0.86	-46.62	-46.07
EMC44	P123	36	52.22	121	25.13	274.6	979841.89	-38.03	0.00D	0.86	-46.66	-46.11
EMC45	P123	36	52.23	121	25.16	274.1	979841.82	-38.16	0.00D	0.86	-46.78	-46.23
EMC46	P123	36	52.23	121	25.21	273.3	979841.76	-38.30	0.00D	0.85	-46.88	-46.34
EMC47	P123	36	52.23	121	25.26	270.6	979841.82	-38.49	0.00D	0.86	-46.98	-46.44
EMC48	P123	36	52.23	121	25.30	266.9	979841.91	-38.75	0.00D	0.86	-47.11	-46.58
EMC49	P123	36	52.23	121	25.34	261.5	979842.23	-38.94	0.00D	0.86	-47.11	-46.59
EMC50	P123	36	52.23	121	25.39	260.3	979842.18	-39.10	0.00D	0.86	-47.23	-46.72
EMC51	P123	36	52.24	121	25.43	259.7	979842.17	-39.18	0.00D	0.86	-47.29	-46.78

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
EMC52	P123	36	52.24	121	25.47	259.8	979842.13	-39.21	0.00D	0.86	-47.33	-46.81
EMC53	P123	36	52.24	121	25.57	259.5	979842.11	-39.26	0.00D	0.86	-47.37	-46.85
EMC54	P123	36	52.24	121	25.69	259.8	979842.10	-39.24	0.01D	0.87	-47.35	-46.83
EMC55	P123	36	52.24	121	25.73	273.0	979841.26	-38.84	0.03D	0.88	-47.39	-46.84
EMC56	P123	36	52.25	121	25.88	269.4	979841.85	-38.60	0.03D	0.90	-47.01	-46.48
B140	P123	36	52.25	121	26.00	272.2	979841.83	-38.36	0.06D	0.93	-46.84	-46.30
B294	B123	36	47.51	121	27.62	1283.7	979785.94	7.72	0.76D	3.78	-32.80	-30.22
EQBHA	P421	36	53.33	121	24.06	228.0	979849.48	-36.43	0.01D	0.87	-43.43	-42.99
B1	V322	36	56.44	121	25.55	167.0	979863.82	-32.32	0.00D	0.86	-37.23	-36.92
B1A	V322	36	56.44	121	25.55	167.4	979863.76	-32.34	0.00D	0.86	-37.27	-36.95
ESR01	P323	36	56.44	121	25.59	167.4	979863.77	-32.33	0.00D	0.86	-37.26	-36.94
ESR02	P323	36	56.45	121	25.62	166.7	979863.76	-32.42	0.00D	0.86	-37.32	-37.01
ESR03	P323	36	56.45	121	25.66	166.2	979863.78	-32.45	0.00D	0.85	-37.34	-37.03
ESR04	P323	36	56.46	121	25.70	165.3	979863.79	-32.54	0.00D	0.85	-37.40	-37.09
ESR05	P322	36	56.48	121	25.73	164.1	979863.85	-32.63	0.00D	0.85	-37.45	-37.14
ESR06	P323	36	56.46	121	25.78	164.3	979863.75	-32.68	0.00D	0.85	-37.51	-37.20
ESR07	P323	36	56.47	121	25.82	163.7	979863.74	-32.76	0.00D	0.86	-37.56	-37.25
ESR08	P323	36	56.47	121	25.86	163.6	979863.71	-32.80	0.00D	0.86	-37.59	-37.29
ESR09	P323	36	56.48	121	25.90	162.8	979863.72	-32.88	0.00D	0.86	-37.65	-37.34
ESR10	P323	36	56.48	121	25.94	162.7	979863.69	-32.92	0.00D	0.86	-37.68	-37.38
ESR11	P323	36	56.49	121	25.98	162.3	979863.66	-33.00	0.00D	0.86	-37.75	-37.45
ESR12	P322	36	56.51	121	26.02	162.4	979863.62	-33.06	0.02D	0.88	-37.79	-37.49
ESR13	P323	36	56.49	121	26.05	161.3	979863.60	-33.15	0.00D	0.85	-37.87	-37.57
ESR14	P323	36	56.50	121	26.09	160.9	979863.58	-33.22	0.00D	0.85	-37.93	-37.63
ESR15	P323	36	56.50	121	26.13	160.4	979863.59	-33.26	0.00D	0.85	-37.95	-37.65
ESR16	P323	36	56.51	121	26.17	160.0	979863.55	-33.35	0.00D	0.85	-38.03	-37.73
ESR17	P323	36	56.51	121	26.21	159.8	979863.60	-33.32	0.00D	0.85	-37.99	-37.69
ESR18	P323	36	56.51	121	26.26	159.4	979863.58	-33.38	0.00D	0.86	-38.03	-37.73
ESR19	P323	36	56.52	121	26.30	159.3	979863.57	-33.41	0.00D	0.85	-38.06	-37.76
ESR20	P323	36	56.52	121	26.34	159.2	979863.52	-33.47	0.00D	0.85	-38.12	-37.82
ESR21	P323	36	56.52	121	26.39	158.9	979863.50	-33.52	0.00D	0.85	-38.16	-37.86
ESR22	P323	36	56.53	121	26.41	158.9	979863.51	-33.53	0.00D	0.85	-38.17	-37.87
ESR23	P322	36	56.53	121	26.43	159.2	979863.44	-33.57	0.00D	0.85	-38.22	-37.92
ESR24	P323	36	56.53	121	26.44	159.1	979863.46	-33.56	0.00D	0.85	-38.21	-37.91
ESR25	P323	36	56.54	121	26.45	158.8	979863.47	-33.59	0.00D	0.85	-38.22	-37.93
ESR26	P323	36	56.54	121	26.46	158.5	979863.48	-33.61	0.00D	0.85	-38.23	-37.94
ESR27	P323	36	56.54	121	26.47	157.7	979863.50	-33.66	0.00D	0.85	-38.26	-37.96
ESR28	P323	36	56.54	121	26.48	157.7	979863.50	-33.66	0.00D	0.85	-38.26	-37.96
ESR29	P323	36	56.54	121	26.49	157.4	979863.49	-33.70	0.00D	0.85	-38.29	-37.99
ESR30	P323	36	56.55	121	26.50	157.2	979863.49	-33.73	0.00D	0.85	-38.31	-38.02
ESR31	P323	36	56.55	121	26.51	157.1	979863.49	-33.74	0.00D	0.85	-38.32	-38.02
ESR32	P323	36	56.55	121	26.52	157.5	979863.47	-33.73	0.00D	0.85	-38.32	-38.03
ESR33	P323	36	56.55	121	26.53	158.4	979863.38	-33.73	0.00D	0.85	-38.35	-38.06
ESR34	P323	36	56.55	121	26.54	158.5	979863.37	-33.73	0.00D	0.85	-38.36	-38.06
ESR35	P323	36	56.56	121	26.55	158.3	979863.38	-33.75	0.00D	0.85	-38.37	-38.07
ESR36	P323	36	56.56	121	26.56	157.8	979863.42	-33.77	0.00D	0.85	-38.37	-38.08
ESR37	P323	36	56.56	121	26.57	157.7	979863.43	-33.77	0.00D	0.85	-38.37	-38.08
ESR38	P323	36	56.56	121	26.58	157.9	979863.42	-33.76	0.00D	0.85	-38.37	-38.07
ESR39	P322	36	56.57	121	26.59	159.5	979863.27	-33.77	0.02D	0.87	-38.41	-38.12
ESR40	P323	36	56.57	121	26.60	159.5	979863.23	-33.81	0.05D	0.90	-38.42	-38.13

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
ESR41	P323	36	56.56	121	26.61	159.2	979863.29	-33.76	0.00D	0.85	-38.41	-38.12
ESR42	P323	36	56.56	121	26.62	159.0	979863.28	-33.79	0.00D	0.85	-38.44	-38.14
ESR43	P323	36	56.56	121	26.63	158.9	979863.27	-33.81	0.00D	0.85	-38.45	-38.16
ESR44	P323	36	56.55	121	26.64	158.9	979863.26	-33.81	0.00D	0.85	-38.45	-38.16
ESR45	P323	36	56.55	121	26.65	158.7	979863.22	-33.87	0.00D	0.85	-38.50	-38.21
ESR46	P322	36	56.55	121	26.66	158.8	979863.18	-33.89	0.00D	0.85	-38.53	-38.23
ESR47	P323	36	56.54	121	26.67	158.6	979863.14	-33.94	0.00D	0.85	-38.57	-38.28
ESR48	P323	36	56.54	121	26.68	158.9	979863.11	-33.94	0.00D	0.85	-38.58	-38.29
ESR49	P323	36	56.54	121	26.69	158.6	979863.07	-34.01	0.00D	0.85	-38.64	-38.35
ESR50	P322	36	56.53	121	26.70	158.8	979863.05	-34.00	0.00D	0.85	-38.64	-38.35
ESR51	P323	36	56.53	121	26.71	158.6	979863.01	-34.06	0.00D	0.85	-38.69	-38.40
ESR52	P322	36	56.53	121	26.72	158.8	979862.98	-34.07	0.00D	0.84	-38.71	-38.42
ESR53	P323	36	56.52	121	26.73	158.8	979862.94	-34.09	0.00D	0.84	-38.73	-38.44
ESR54	P323	36	56.52	121	26.74	158.7	979862.86	-34.18	0.05D	0.89	-38.77	-38.48
ESR55	P322	36	56.52	121	26.75	158.7	979862.90	-34.14	0.00D	0.84	-38.78	-38.48
ESR56	P323	36	56.51	121	26.76	158.4	979862.89	-34.16	0.00D	0.84	-38.79	-38.50
ESR57	P322	36	56.51	121	26.77	158.0	979862.90	-34.19	0.00D	0.84	-38.81	-38.51
ESR58	P323	36	56.51	121	26.78	157.8	979862.90	-34.21	0.00D	0.84	-38.82	-38.53
ESR59	P323	36	56.50	121	26.79	157.7	979862.89	-34.21	0.00D	0.84	-38.82	-38.52
ESR60	P323	36	56.50	121	26.80	157.9	979862.87	-34.22	0.00D	0.84	-38.83	-38.54
ESR61	P323	36	56.50	121	26.81	157.9	979862.83	-34.26	0.00D	0.84	-38.88	-38.58
ESR62	P323	36	56.49	121	26.82	157.9	979862.81	-34.26	0.00D	0.84	-38.88	-38.58
ESR63	P323	36	56.49	121	26.83	158.3	979862.75	-34.29	0.00D	0.84	-38.92	-38.63
ESR64	P323	36	56.49	121	26.84	158.6	979862.71	-34.29	0.00D	0.84	-38.93	-38.64
ESR65	P323	36	56.48	121	26.85	158.7	979862.71	-34.27	0.00D	0.84	-38.92	-38.62
ESR66	P323	36	56.48	121	26.86	158.9	979862.67	-34.29	0.00D	0.84	-38.94	-38.65
ESR67	P323	36	56.48	121	26.87	159.0	979862.64	-34.31	0.00D	0.84	-38.97	-38.67
ESR68	P323	36	56.47	121	26.88	159.3	979862.60	-34.31	0.00D	0.84	-38.98	-38.68
ESR69	P323	36	56.47	121	26.89	159.5	979862.57	-34.33	0.00D	0.84	-39.01	-38.71
ESR70	P323	36	56.47	121	26.90	159.7	979862.56	-34.32	0.00D	0.83	-39.00	-38.70
ESR71	P323	36	56.47	121	26.91	160.0	979862.54	-34.31	0.00D	0.83	-39.00	-38.70
ESR72	P323	36	56.46	121	26.92	160.2	979862.50	-34.31	0.00D	0.83	-39.01	-38.71
ESR73	P323	36	56.44	121	26.96	161.1	979862.44	-34.26	0.00D	0.83	-39.00	-38.69
ESR74	P323	36	56.43	121	27.00	161.7	979862.38	-34.25	0.00D	0.83	-39.01	-38.71
ESR75	P323	36	56.41	121	27.03	162.0	979862.33	-34.24	0.00D	0.83	-39.01	-38.71
ESR76	P323	36	56.40	121	27.07	163.6	979862.20	-34.21	0.00D	0.82	-39.04	-38.73
ESR77	P323	36	56.39	121	27.11	163.7	979862.20	-34.18	0.00D	0.84	-39.00	-38.69
ESR78	P323	36	56.37	121	27.15	163.4	979862.21	-34.17	0.00D	0.83	-38.98	-38.67
ESR79	P323	36	56.36	121	27.19	163.4	979862.22	-34.15	0.00D	0.83	-38.96	-38.66
ESR80	P323	36	56.35	121	27.23	164.0	979862.19	-34.11	0.00D	0.83	-38.94	-38.64
ESR81	P323	36	56.33	121	27.27	164.6	979862.20	-34.01	0.00D	0.83	-38.87	-38.56
ESR82	P323	36	56.32	121	27.30	164.8	979862.22	-33.96	0.00D	0.83	-38.83	-38.52
ESR83	P322	36	56.31	121	27.33	164.0	979862.28	-33.95	0.00D	0.84	-38.78	-38.47
ESR84	P323	36	56.44	121	25.52	167.9	979863.79	-32.26	0.00D	0.86	-37.20	-36.89
ESR85	P323	36	56.43	121	25.48	168.6	979863.82	-32.16	0.00D	0.86	-37.13	-36.81
ESR86	P323	36	56.42	121	25.44	169.2	979863.83	-32.08	0.00D	0.86	-37.07	-36.75
ESR87	P323	36	56.42	121	25.40	170.0	979863.85	-31.99	0.00D	0.86	-37.00	-36.68
ESR88	P323	36	56.41	121	25.36	171.1	979863.84	-31.88	0.00D	0.86	-36.93	-36.61
ESR89	P323	36	56.41	121	25.32	171.5	979863.89	-31.79	0.00D	0.86	-36.85	-36.53
ESR90	P323	36	56.40	121	25.28	171.1	979863.98	-31.72	0.00D	0.87	-36.77	-36.44

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
ESR91	P323	36	56.40	121	25.24	170.9	979864.09	-31.63	0.00D	0.87	-36.67	-36.35
ESR92	P323	36	56.39	121	25.21	170.7	979864.18	-31.54	0.00D	0.87	-36.57	-36.25
ESR93	P323	36	56.39	121	25.16	171.3	979864.24	-31.43	0.00D	0.87	-36.48	-36.16
ESR94	P323	36	56.38	121	25.06	173.4	979864.34	-31.12	0.00D	0.87	-36.24	-35.91
ESR95	P323	36	56.38	121	25.00	176.7	979864.26	-30.89	0.01D	0.88	-36.11	-35.78
ESR96	P323	36	56.39	121	24.91	177.9	979864.56	-30.49	0.00D	0.88	-35.76	-35.42
ESR97	P323	36	56.41	121	24.81	178.6	979865.03	-29.98	0.00D	0.88	-35.27	-34.94
ESR98	P323	36	56.43	121	24.71	179.5	979865.50	-29.45	0.00D	0.88	-34.77	-34.43
ESR99	P322	36	56.45	121	24.61	185.1	979865.69	-28.76	0.02D	0.91	-34.25	-33.90
B245	F323	36	47.13	121	21.46	408.0	979828.12	-31.93	0.01D	1.70	-44.32	-43.53
EST1	P323	36	47.09	121	21.46	409.6	979827.89	-31.95	0.01D	1.73	-44.36	-43.57
EST2	P323	36	47.07	121	21.47	410.0	979827.75	-32.03	0.06D	1.80	-44.39	-43.60
EST3	P323	36	47.03	121	21.48	403.3	979827.89	-32.45	0.02D	1.83	-44.55	-43.78
EST4	P323	36	47.00	121	21.49	404.8	979827.47	-32.68	0.03D	1.88	-44.79	-44.02
EST5	P323	36	46.96	121	21.50	411.7	979826.64	-32.81	0.07D	1.94	-45.09	-44.31
EST6	P323	36	46.93	121	21.51	421.1	979825.60	-32.92	0.10D	1.98	-45.49	-44.69
EST7	P323	36	46.90	121	21.52	430.9	979824.71	-32.85	0.15D	2.04	-45.70	-44.88
EST8	P323	36	46.86	121	21.53	434.7	979824.29	-32.86	0.21D	2.14	-45.73	-44.91
EST9	P323	36	46.83	121	21.53	450.5	979823.06	-32.56	0.30D	2.21	-45.91	-45.06
EST10	P323	36	46.80	121	21.53	462.7	979822.21	-32.21	0.30D	2.19	-46.00	-45.12
EST11	P323	36	47.15	121	21.46	406.1	979828.33	-31.92	0.01D	1.69	-44.25	-43.47
EST12	P323	36	47.16	121	21.46	405.9	979828.44	-31.84	0.02D	1.70	-44.16	-43.38
EST13	P323	36	47.18	121	21.46	407.2	979828.44	-31.75	0.02D	1.68	-44.14	-43.35
EST14	P323	36	47.20	121	21.46	407.4	979828.48	-31.73	0.02D	1.66	-44.14	-43.35
EST15	P323	36	47.21	121	21.46	410.3	979828.37	-31.57	0.02D	1.64	-44.10	-43.30
EST16	P323	36	47.23	121	21.46	411.7	979828.38	-31.46	0.03D	1.64	-44.04	-43.24
EST17	P323	36	47.25	121	21.46	409.5	979828.59	-31.49	0.05D	1.65	-43.99	-43.19
EST18	P323	36	47.26	121	21.46	406.4	979828.72	-31.56	0.04D	1.64	-43.96	-43.17
EST19	P323	36	47.28	121	21.45	401.7	979829.20	-31.65	0.03D	1.63	-43.89	-43.11
EST20	P323	36	47.29	121	21.43	401.7	979829.36	-31.51	0.03D	1.62	-43.76	-42.98
EST21	P323	36	47.30	121	21.40	402.0	979829.52	-31.34	0.03D	1.61	-43.61	-42.83
EST22	P323	36	47.31	121	21.38	402.8	979829.54	-31.26	0.03D	1.60	-43.58	-42.79
EST23	P323	36	47.31	121	21.35	403.1	979829.63	-31.13	0.04D	1.60	-43.45	-42.67
EST24	P323	36	47.32	121	21.33	403.2	979829.70	-31.06	0.04D	1.60	-43.39	-42.61
EST25	P323	36	47.32	121	21.31	403.4	979829.78	-30.97	0.05D	1.60	-43.30	-42.51
EST26	P323	36	47.33	121	21.28	404.0	979829.80	-30.91	0.06D	1.61	-43.26	-42.47
EST27	P323	36	47.33	121	21.26	404.8	979829.88	-30.75	0.07D	1.61	-43.12	-42.33
EST28	P323	36	47.33	121	21.22	410.0	979829.73	-30.42	0.09D	1.62	-42.96	-42.17
EST29	P323	36	47.33	121	21.18	413.8	979829.63	-30.16	0.10D	1.61	-42.84	-42.03
EST30	P323	36	47.34	121	21.14	417.6	979829.58	-29.87	0.10D	1.59	-42.70	-41.88
EST31	P323	36	47.34	121	21.10	422.7	979829.45	-29.51	0.11D	1.58	-42.52	-41.70
EST32	P323	36	47.34	121	21.06	426.3	979829.38	-29.25	0.13D	1.59	-42.38	-41.55
EST33	P323	36	47.34	121	21.02	427.1	979829.52	-29.03	0.18D	1.64	-42.14	-41.31
EST34	P323	36	47.35	121	20.98	427.7	979829.73	-28.78	0.19D	1.64	-41.91	-41.07
EST35	P323	36	47.35	121	20.94	425.2	979830.09	-28.65	0.21D	1.67	-41.66	-40.84
EST36	P323	36	47.35	121	20.91	414.6	979830.98	-28.77	0.22D	1.70	-41.39	-40.59
SSS5E	P632	36	47.93	121	21.54	408.7	979831.35	-29.77	0.54D	1.86	-42.03	-41.25
SSS4E	P632	36	47.93	121	21.58	402.1	979831.78	-29.96	0.26D	1.60	-42.25	-41.47
SSS3E	P632	36	47.93	121	21.63	401.9	979831.72	-30.04	0.11D	1.45	-42.47	-41.68
SSS2E	P632	36	47.93	121	21.67	402.7	979831.57	-30.12	0.11D	1.46	-42.57	-41.78

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
SSS1E	P632	36	47.93	121	21.71	403.2	979831.47	-30.17	0.07D	1.42	-42.68	-41.88
SSSO	T632	36	47.93	121	21.75	404.0	979831.30	-30.26	0.05D	1.40	-42.82	-42.02
SSS1W	P632	36	47.93	121	21.77	404.4	979831.15	-30.38	0.05D	1.40	-42.95	-42.15
SSS2W	P632	36	47.93	121	21.79	405.1	979831.02	-30.44	0.05D	1.40	-43.03	-42.23
SSS3W	P632	36	47.93	121	21.81	405.5	979830.95	-30.47	0.04D	1.39	-43.09	-42.29
SSS4W	P632	36	47.93	121	21.83	405.9	979830.87	-30.51	0.05D	1.40	-43.14	-42.33
SSS5W	P632	36	47.93	121	21.85	406.4	979830.78	-30.56	0.05D	1.40	-43.20	-42.39
SSS6W	P632	36	47.93	121	21.86	406.8	979830.65	-30.65	0.05D	1.40	-43.30	-42.50
SSS7W	P632	36	47.93	121	21.88	407.5	979830.52	-30.71	0.06D	1.41	-43.38	-42.57
SSS8W	P632	36	47.93	121	21.90	408.1	979830.40	-30.78	0.07D	1.42	-43.45	-42.65
SSS9W	P632	36	47.93	121	21.92	408.5	979830.29	-30.85	0.08D	1.43	-43.53	-42.72
SS10W	P632	36	47.93	121	21.94	403.7	979830.52	-31.07	0.21D	1.57	-43.44	-42.65
SS11W	P633	36	47.91	121	21.92	405.3	979830.44	-30.97	0.20D	1.56	-43.41	-42.61
SS12W	P633	36	47.88	121	21.91	408.4	979830.13	-30.95	0.20D	1.57	-43.48	-42.69
SS13W	P633	36	47.85	121	21.92	407.7	979830.11	-30.99	0.22D	1.60	-43.47	-42.67
SS14W	P632	36	47.76	121	21.91	416.2	979829.10	-31.07	0.35D	1.76	-43.69	-42.89
SSSB	P632	36	47.74	121	21.95	418.3	979828.54	-31.40	0.38D	1.80	-44.05	-43.25
SS15W	P633	36	47.76	121	21.99	376.8	979831.35	-32.52	0.37D	1.90	-43.64	-42.94
SS16W	P633	36	47.76	121	22.00	373.9	979831.47	-32.68	0.27D	1.81	-43.79	-43.08
SSS1N	P633	36	47.76	121	22.02	368.1	979832.21	-32.48	0.26D	1.82	-43.38	-42.68
SSS2N	P633	36	47.76	121	22.03	370.3	979832.22	-32.27	0.26D	1.82	-43.24	-42.54
SS17W	P633	36	47.76	121	22.04	370.1	979831.71	-32.80	0.24D	1.80	-43.78	-43.08
SS18W	P633	36	47.75	121	22.06	369.2	979831.73	-32.85	0.20D	1.78	-43.82	-43.12
SS19W	P633	36	47.75	121	22.07	369.2	979831.69	-32.89	0.16D	1.74	-43.89	-43.19
SS20W	P633	36	47.75	121	22.09	369.3	979831.63	-32.94	0.13D	1.72	-43.97	-43.27
SS21W	P633	36	47.75	121	22.10	368.9	979831.63	-32.97	0.10D	1.70	-44.02	-43.31
SS22W	P633	36	47.75	121	22.11	368.5	979831.60	-33.04	0.08D	1.68	-44.08	-43.38
SS23W	P633	36	47.75	121	22.13	368.8	979831.59	-33.02	0.07D	1.68	-44.08	-43.37
SS24W	P633	36	47.74	121	22.14	368.6	979831.53	-33.09	0.07D	1.70	-44.12	-43.42
SS25W	P633	36	47.74	121	22.17	368.8	979831.35	-33.25	0.07D	1.71	-44.27	-43.57
SS26W	P633	36	47.73	121	22.19	368.7	979831.31	-33.28	0.07D	1.73	-44.29	-43.59
SS27W	P633	36	47.73	121	22.21	368.8	979831.21	-33.37	0.07D	1.74	-44.37	-43.67
SS28W	P633	36	47.73	121	22.23	368.6	979831.17	-33.43	0.07D	1.76	-44.41	-43.71
SS29W	P633	36	47.73	121	22.24	368.3	979831.09	-33.54	0.07D	1.76	-44.50	-43.80
SS30W	P633	36	47.73	121	22.26	368.2	979830.96	-33.68	0.09D	1.80	-44.60	-43.91
SS31W	P633	36	47.73	121	22.28	368.0	979830.94	-33.72	0.13D	1.85	-44.58	-43.89
SS32W	P633	36	47.73	121	22.30	367.5	979830.95	-33.76	0.19D	1.92	-44.53	-43.84
SS33W	P633	36	47.73	121	22.32	367.3	979830.87	-33.85	0.29D	2.03	-44.51	-43.83
SS34W	P633	36	47.73	121	22.34	367.4	979830.83	-33.89	0.41D	2.17	-44.41	-43.74
SS35W	P633	36	47.73	121	22.35	367.3	979830.66	-34.06	0.49D	2.25	-44.50	-43.83
SS36W	P633	36	47.73	121	22.37	358.7	979831.08	-34.45	0.52D	2.33	-44.52	-43.88
SS37W	P633	36	47.73	121	22.39	353.3	979831.14	-34.90	0.68D	2.52	-44.59	-43.97
BL1	P432	36	48.62	121	22.68	349.0	979833.20	-34.53	0.71D	2.01	-44.57	-43.93
BL2	P432	36	48.60	121	22.67	343.3	979833.68	-34.56	0.28D	1.60	-44.81	-44.16
BL3	P432	36	48.57	121	22.67	343.3	979833.70	-34.49	0.18D	1.51	-44.84	-44.18
BL4	P432	36	48.55	121	22.68	343.3	979833.64	-34.53	0.11D	1.45	-44.93	-44.27
BL5	P432	36	48.53	121	22.68	343.4	979833.55	-34.58	0.07D	1.42	-45.02	-44.36
BL6	P432	36	48.51	121	22.68	343.5	979833.51	-34.58	0.04D	1.39	-45.05	-44.38
BL7	P432	36	48.48	121	22.68	343.6	979833.48	-34.56	0.03D	1.39	-45.03	-44.36
BL8	P432	36	48.45	121	22.68	343.5	979833.33	-34.67	0.02D	1.40	-45.14	-44.47

TABLE 1--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
BL9	P432	36	48.43	121	22.69	343.6	979833.39	-34.57	0.03D	1.42	-45.03	-44.36
BL10	P432	36	48.40	121	22.69	343.6	979833.21	-34.71	0.03D	1.43	-45.15	-44.48
BL11	P432	36	48.38	121	22.69	343.9	979833.14	-34.72	0.03D	1.44	-45.16	-44.50
BL12	P432	36	48.35	121	22.69	344.4	979833.04	-34.73	0.02D	1.44	-45.18	-44.52
BL13	P432	36	48.33	121	22.69	344.4	979832.99	-34.75	0.02D	1.46	-45.19	-44.53
BL14	P432	36	48.31	121	22.69	344.3	979832.96	-34.77	0.03D	1.48	-45.18	-44.51
BL15	P432	36	48.31	121	22.72	340.8	979833.17	-34.88	0.01D	1.48	-45.18	-44.52
BL16	P432	36	48.31	121	22.74	340.5	979833.20	-34.88	0.01D	1.48	-45.16	-44.51
BL17	P432	36	48.31	121	22.77	339.0	979833.32	-34.90	0.01D	1.49	-45.12	-44.47
BL18	P432	36	48.31	121	22.80	336.4	979833.34	-35.13	0.01D	1.51	-45.24	-44.60
BL19	P432	36	48.30	121	22.82	334.6	979833.29	-35.33	0.03D	1.55	-45.34	-44.71
BL20	F432	36	48.30	121	22.85	328.3	979833.56	-35.66	0.06D	1.60	-45.39	-44.77
BL21	F432	36	48.29	121	22.88	335.9	979832.94	-35.55	0.05D	1.59	-45.56	-44.93
BL22	F432	36	48.27	121	22.92	336.5	979832.73	-35.67	0.05D	1.63	-45.67	-45.03
BL23	F432	36	48.25	121	22.95	335.4	979832.63	-35.85	0.07D	1.68	-45.75	-45.12
BL24	F432	36	48.24	121	22.98	349.8	979831.60	-35.51	0.11D	1.69	-45.90	-45.23
BL25	F432	36	48.22	121	23.00	363.6	979831.05	-34.73	0.19D	1.76	-45.53	-44.84
BL26	F432	36	48.20	121	23.02	384.6	979829.29	-34.49	0.11D	1.65	-46.12	-45.38
BL27	F432	36	48.19	121	23.04	386.6	979829.18	-34.39	0.13D	1.68	-46.07	-45.33
BL28	F432	36	48.18	121	23.07	388.7	979829.04	-34.32	0.12D	1.68	-46.06	-45.32
BL29	F432	36	48.17	121	23.09	391.5	979828.82	-34.26	0.14D	1.71	-46.07	-45.32
BL30	F432	36	48.16	121	23.11	394.1	979828.60	-34.22	0.14D	1.72	-46.11	-45.36
BL31	F432	36	48.15	121	23.13	396.9	979828.37	-34.18	0.15D	1.74	-46.14	-45.38
BL32	F432	36	48.13	121	23.13	399.6	979828.12	-34.14	0.18D	1.79	-46.16	-45.39
BL33	F432	36	48.11	121	23.14	405.8	979827.73	-33.92	0.26D	1.87	-46.06	-45.29
BL34	F432	36	48.09	121	23.14	410.9	979827.38	-33.76	0.35D	1.97	-45.99	-45.21
BL35	F432	36	48.07	121	23.15	419.6	979826.67	-33.63	0.47D	2.09	-46.03	-45.24

Table 2. Hollister gravity data collected by the CDMG.

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B15		36	56.32	121	27.30	166.9	979862.25	-33.73	0.00	0.82	-38.68	-38.36
B16		36	56.35	121	27.21	165.9	979862.23	-33.88	0.00	0.82	-38.79	-38.48
B17		36	56.39	121	27.11	165.5	979862.23	-33.98	0.00	0.81	-38.88	-38.57
B18		36	56.42	121	27.02	164.0	979862.36	-34.03	0.00	0.82	-38.88	-38.57
B19		36	56.45	121	26.93	162.4	979862.50	-34.09	0.00	0.82	-38.88	-38.57
B20		36	56.49	121	26.84	160.4	979862.74	-34.09	0.00	0.83	-38.80	-38.50
B21		36	56.52	121	26.73	160.4	979862.97	-33.91	0.00	0.84	-38.61	-38.32
B22		36	56.55	121	26.65	160.5	979863.30	-33.61	0.00	0.85	-38.31	-38.01
B23		36	56.58	121	26.55	158.6	979863.56	-33.57	0.00	0.84	-38.20	-37.91
B24		36	56.62	121	26.45	157.8	979863.99	-33.27	0.00	0.85	-37.87	-37.58
B25		36	56.65	121	26.36	158.2	979864.28	-32.99	0.00	0.85	-37.61	-37.31
B102		36	56.81	121	25.53	166.0	979866.13	-30.64	0.00	0.89	-35.49	-35.18
B103		36	57.07	121	25.61	169.0	979867.33	-29.53	0.00	0.91	-34.46	-34.14
B104		36	56.93	121	25.57	168.1	979866.53	-30.21	0.00	0.90	-35.12	-34.81
B105		36	57.90	121	25.86	154.0	979873.71	-25.76	0.00	1.07	-30.01	-29.74
B106		36	58.26	121	25.08	181.0	979876.38	-21.07	0.64	1.81	-25.51	-25.23
B107		36	57.22	121	24.86	178.0	979871.11	-25.12	0.00	0.96	-30.31	-29.98
B108		36	56.78	121	24.71	186.0	979867.56	-27.28	0.00	0.90	-32.80	-32.45
B111		36	56.81	121	25.90	159.0	979865.62	-31.81	0.00	0.88	-36.42	-36.13
B112		36	56.59	121	27.67	159.0	979864.28	-32.83	0.00	0.83	-37.49	-37.20
B113		36	57.13	121	28.42	149.0	979868.92	-29.91	0.00	0.85	-34.20	-33.93
B114		36	57.59	121	29.14	147.0	979873.14	-26.54	0.00	0.87	-30.75	-30.48
B116		36	59.64	121	29.83	168.0	979882.28	-18.39	0.00	1.11	-23.08	-22.78
B117		36	59.00	121	28.05	175.0	979872.86	-26.22	0.00	1.16	-31.10	-30.79
B118		36	58.09	121	24.68	212.0	979873.54	-20.75	1.26	2.37	-25.71	-25.39
B119		36	57.66	121	23.90	436.0	979859.41	-14.19	0.00	0.92	-28.33	-27.43
B120		36	58.11	121	22.99	246.0	979870.21	-20.91	0.62	1.80	-27.60	-27.18
B121		36	58.89	121	22.68	258.0	979870.79	-20.33	0.00	1.36	-27.88	-27.40
B122		36	59.72	121	22.66	278.0	979871.91	-18.52	0.00	1.59	-26.53	-26.02
B123		36	59.53	121	22.77	269.0	979871.62	-19.39	0.00	1.53	-27.15	-26.66
B124		36	55.89	121	23.07	211.0	979864.71	-26.50	0.00	0.94	-32.85	-32.44
B125		36	57.08	121	22.10	243.0	979866.91	-23.00	0.34	1.50	-29.90	-29.46
B126		36	56.35	121	22.40	223.0	979866.86	-23.88	0.00	1.07	-30.52	-30.09
B127		36	56.23	121	23.95	194.0	979865.82	-27.48	0.00	0.90	-33.29	-32.92
B128		36	56.06	121	25.44	170.0	979861.82	-33.49	0.00	0.83	-38.54	-38.21
B129		36	55.53	121	26.34	176.0	979858.57	-35.41	0.00	0.80	-40.69	-40.35
B130		36	55.13	121	26.96	178.0	979857.67	-35.54	0.00	0.80	-40.89	-40.55
B131		36	54.47	121	26.28	198.0	979853.64	-36.74	0.00	0.79	-42.79	-42.40
B132		36	54.04	121	25.87	213.0	979851.49	-36.86	0.00	0.79	-43.42	-43.01
B133		36	53.89	121	27.19	204.0	979854.10	-34.88	0.00	0.82	-41.11	-40.71
B134		36	54.07	121	27.55	196.0	979856.25	-33.74	0.00	0.84	-39.67	-39.30
B135		36	53.99	121	28.06	194.0	979858.36	-31.70	0.00	0.85	-37.55	-37.18
B136		36	53.46	121	25.30	234.0	979849.62	-35.92	0.00	0.81	-43.20	-42.73
B137		36	52.93	121	24.86	246.0	979846.83	-36.81	0.00	0.82	-44.48	-43.99
B138		36	52.68	121	24.47	247.0	979845.71	-37.48	0.00	0.84	-45.17	-44.68
B141		36	51.82	121	26.55	264.0	979841.54	-38.81	0.00	0.87	-47.06	-46.54
B142		36	51.49	121	26.05	273.0	979839.45	-39.58	0.00	0.89	-48.12	-47.58
B143		36	51.45	121	25.17	274.0	979839.26	-39.61	0.00	0.88	-48.19	-47.64
B144		36	51.43	121	24.82	281.0	979839.68	-38.51	0.00	0.88	-47.33	-46.77
B145		36	51.86	121	24.01	269.0	979841.46	-38.48	0.00	0.88	-46.90	-46.36

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B146		36	52.49	121	23.96	249.0	979844.87	-37.86	0.00	0.86	-45.60	-45.11
B147		36	53.35	121	24.00	228.0	979849.72	-36.22	0.00	0.85	-43.25	-42.80
B148		36	55.49	121	24.33	182.0	979860.46	-32.89	0.00	0.84	-38.34	-37.99
B149		36	54.98	121	25.42	184.0	979856.26	-36.17	0.00	0.80	-41.72	-41.37
B150		36	55.17	121	24.87	182.0	979857.75	-35.14	0.00	0.81	-40.61	-40.26
B151		36	55.19	121	24.28	192.0	979858.86	-33.12	0.00	0.83	-38.93	-38.56
B152		36	53.21	121	22.80	241.0	979850.56	-33.96	0.00	0.91	-41.38	-40.91
B153		36	53.64	121	23.02	226.0	979852.76	-33.79	0.00	0.90	-40.70	-40.26
B154		36	54.66	121	22.76	207.0	979858.92	-30.89	0.00	0.94	-37.10	-36.71
B155		36	54.13	121	21.75	237.0	979856.75	-29.47	0.00	1.06	-36.60	-36.15
B156		36	53.63	121	21.75	251.0	979854.00	-30.18	0.00	1.03	-37.82	-37.34
B157		36	52.54	121	21.21	307.0	979848.32	-29.02	0.00	1.06	-38.56	-37.95
B158		36	52.79	121	20.65	357.0	979847.30	-25.70	0.00	1.13	-36.90	-36.19
B159		36	53.63	121	20.65	336.0	979850.34	-25.85	0.00	1.21	-36.25	-35.59
B160		36	53.63	121	20.14	351.0	979850.42	-24.36	0.00	1.36	-35.13	-34.44
B161		36	53.90	121	21.21	280.0	979853.82	-28.02	0.00	1.12	-36.57	-36.03
B162		36	54.02	121	21.00	297.0	979853.12	-27.30	0.00	1.16	-36.40	-35.82
B163		36	54.31	121	21.21	281.0	979855.28	-27.06	0.00	1.14	-35.63	-35.08
B164		36	54.39	121	21.00	279.0	979855.75	-26.89	0.00	1.20	-35.33	-34.79
B165		36	54.66	121	21.12	272.0	979857.30	-26.39	0.00	1.19	-34.59	-34.07
B166		36	54.94	121	21.24	248.0	979859.51	-26.84	0.00	1.21	-34.20	-33.73
B167		36	54.69	121	21.96	225.0	979859.76	-28.40	0.00	1.05	-35.13	-34.70
B168		36	55.22	121	22.25	220.0	979861.88	-27.51	0.00	1.02	-34.09	-33.67
B169		36	55.53	121	22.62	227.0	979862.70	-26.48	0.00	0.97	-33.35	-32.91
B170		36	56.39	121	20.84	374.0	979858.68	-17.92	0.47	1.68	-29.16	-28.44
B171		36	55.96	121	21.69	299.0	979861.25	-21.78	0.00	1.09	-31.02	-30.43
B172		36	55.05	121	22.77	209.0	979861.07	-29.11	0.00	0.95	-35.38	-34.98
B173		36	55.99	121	23.23	208.0	979865.37	-26.26	0.00	0.93	-32.51	-32.11
B174		36	55.43	121	23.35	203.0	979862.12	-29.17	0.00	0.90	-35.28	-34.90
B175		36	55.01	121	23.46	200.0	979859.43	-31.54	0.00	0.88	-37.57	-37.19
B176		36	54.19	121	24.13	210.0	979853.55	-35.30	0.00	0.84	-41.71	-41.31
B177		36	57.01	121	26.98	150.0	979864.78	-33.78	0.00	0.87	-38.09	-37.82
B178		36	57.35	121	27.37	151.0	979865.01	-33.95	0.00	0.89	-38.28	-38.00
B179		36	58.23	121	27.87	147.0	979870.05	-30.55	0.00	1.00	-34.63	-34.37
B180		36	58.29	121	26.68	143.0	979873.73	-27.34	0.00	1.14	-31.14	-30.90
B181		36	53.92	121	24.71	209.0	979852.16	-36.39	0.00	0.82	-42.79	-42.38
B182		36	51.23	121	26.64	243.0	979840.90	-40.57	0.00	0.93	-48.03	-47.55
B183		36	50.74	121	26.94	259.0	979838.62	-40.64	0.00	1.02	-48.57	-48.06
B184		36	50.66	121	27.33	252.0	979839.41	-40.39	0.08	1.14	-47.96	-47.47
B185		36	50.51	121	28.27	228.0	979840.12	-41.72	0.00	1.17	-48.43	-48.00
B186		36	50.50	121	28.72	221.0	979841.04	-41.44	0.00	1.19	-47.88	-47.47
B187		36	49.82	121	28.70	223.0	979841.27	-40.04	0.00	1.47	-46.27	-45.87
B188		36	50.52	121	27.86	234.0	979839.68	-41.61	0.00	1.13	-48.56	-48.12
B189		36	50.50	121	29.37	213.0	979843.07	-40.17	0.00	1.24	-46.29	-45.90
B200		36	51.14	121	29.94	209.0	979844.90	-39.64	0.00	1.10	-45.76	-45.37
B201		36	51.38	121	29.37	222.0	979843.08	-40.58	0.00	1.01	-47.24	-46.82
B202		36	50.93	121	29.37	215.0	979843.03	-40.64	0.00	1.12	-46.95	-46.55
B203		36	50.94	121	28.28	229.0	979840.94	-41.43	0.00	1.06	-48.28	-47.85
B204		36	50.94	121	27.55	244.0	979840.23	-40.73	0.00	1.02	-48.14	-47.67
B205		36	51.32	121	27.29	235.0	979841.71	-40.64	0.00	0.96	-47.79	-47.34

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B206	P234	36	50.13	121	26.66	321.1	979833.76	-38.78	0.31F	1.39	-48.48	-47.86
B207		36	50.03	121	26.28	345.0	979831.30	-38.85	0.34	1.41	-49.36	-48.69
B208		36	49.48	121	25.57	321.0	979830.88	-40.73	0.34	1.55	-50.27	-49.66
B209		36	50.54	121	25.54	287.0	979836.14	-40.20	0.15	1.13	-48.99	-48.43
B210		36	53.73	121	26.73	212.0	979851.38	-36.61	0.00	0.81	-43.12	-42.71
B211		36	53.02	121	25.82	233.0	979846.75	-38.24	0.00	0.81	-45.48	-45.02
B212		36	54.52	121	27.67	178.0	979858.80	-33.53	0.00	0.83	-38.85	-38.51
B213		36	54.46	121	28.72	197.0	979862.48	-27.98	0.00	0.84	-33.94	-33.56
B214		36	54.81	121	29.07	181.0	979866.24	-26.23	0.00	0.85	-31.63	-31.29
B215		36	55.07	121	28.35	174.0	979863.53	-29.97	0.00	0.82	-35.16	-34.83
B216		36	55.59	121	28.96	160.0	979868.85	-26.72	0.00	0.84	-31.41	-31.11
B217		36	56.12	121	29.66	148.0	979874.85	-22.61	0.00	0.84	-26.88	-26.61
B219		36	51.33	121	24.06	283.0	979839.67	-38.18	0.02	0.92	-47.04	-46.47
B220		36	50.42	121	24.73	292.0	979836.51	-39.18	0.00	0.98	-48.29	-47.71
B221		36	50.09	121	25.25	281.0	979834.99	-41.26	0.00	1.06	-49.91	-49.36
B222		36	49.69	121	25.06	300.0	979832.86	-41.03	0.00	1.12	-50.27	-49.68
B223		36	49.45	121	24.33	306.0	979834.40	-38.58	0.00	1.13	-48.02	-47.42
B224		36	49.26	121	23.87	309.0	979835.46	-36.96	0.00	1.15	-46.49	-45.88
B227		36	48.62	121	23.33	331.0	979833.29	-36.14	0.00	1.24	-46.34	-45.69
B229		36	49.41	121	23.22	323.0	979835.48	-35.84	0.00	1.09	-45.91	-45.27
B230		36	49.41	121	22.99	341.0	979834.23	-35.40	0.00	1.07	-46.11	-45.43
B231		36	49.62	121	23.21	331.0	979834.88	-35.99	0.00	1.05	-46.38	-45.71
B232		36	49.81	121	23.21	328.0	979834.91	-36.52	0.00	1.02	-46.83	-46.17
B233		36	50.16	121	23.51	317.0	979835.90	-37.07	0.00	0.99	-47.03	-46.40
B234		36	50.38	121	23.50	311.0	979836.33	-37.52	0.00	0.97	-47.29	-46.67
B235		36	50.38	121	23.96	302.8	979837.07	-37.55	0.00	0.97	-47.04	-46.43
B236		36	50.01	121	23.99	310.0	979836.14	-37.27	0.00	1.01	-46.96	-46.35
B237		36	49.17	121	22.18	436.0	979829.89	-30.46	0.00	1.03	-44.49	-43.59
B238		36	48.99	121	21.75	464.0	979828.85	-28.60	0.00	1.03	-43.59	-42.64
B239		36	48.57	121	20.67	516.0	979830.64	-21.32	0.00	1.05	-38.09	-37.02
B240		36	47.85	121	19.81	519.0	979831.82	-18.82	0.00	1.13	-35.62	-34.55
B241		36	47.57	121	19.42	519.0	979831.75	-18.48	0.00	1.17	-35.23	-34.17
B242		36	45.92	121	17.92	528.0	979825.63	-21.38	0.00	1.38	-38.24	-37.16
B243		36	45.61	121	17.66	587.0	979820.70	-20.31	0.00	1.35	-39.23	-38.03
B244		36	47.37	121	20.48	428.0	979833.39	-25.12	0.00	1.26	-38.64	-37.78
B246		36	48.14	121	21.88	399.0	979831.25	-31.09	0.00	1.19	-43.68	-42.88
B247		36	48.62	121	22.68	349.0	979833.33	-34.41	0.60	1.78	-44.68	-44.03
B248		36	48.05	121	24.43	435.0	979823.75	-35.08	0.48	1.91	-48.19	-47.36
B249		36	47.81	121	24.48	472.0	979820.77	-34.23	0.56	2.04	-48.49	-47.58
B250		36	47.14	121	24.23	806.0	979799.61	-23.01	0.63	2.10	-48.74	-47.10
B251		36	46.77	121	24.17	723.0	979805.28	-24.61	0.86	2.50	-47.07	-45.64
B252		36	46.64	121	25.70	1063.0	979792.99	-4.73	0.95	2.83	-38.60	-36.44
B253		36	52.11	121	22.71	271.0	979844.91	-35.20	0.00	0.93	-43.63	-43.09
B254		36	52.10	121	21.77	296.0	979846.03	-31.71	0.00	1.00	-40.94	-40.35
B255		36	52.53	121	21.76	279.0	979848.56	-31.40	0.00	1.01	-40.03	-39.48
B256		36	51.66	121	21.75	312.0	979843.98	-31.62	0.00	0.99	-41.40	-40.78
B257		36	51.31	121	21.76	330.0	979842.51	-30.89	0.00	0.98	-41.31	-40.64
B258		36	51.32	121	22.41	309.0	979841.47	-33.92	0.00	0.96	-43.64	-43.02
B259		36	51.66	121	21.18	351.0	979843.80	-28.13	0.00	1.03	-39.22	-38.51
B260		36	51.65	121	20.39	409.0	979843.24	-23.22	0.00	1.12	-36.22	-35.40

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B261		36	51.22	121	19.04	585.0	979832.77	-16.52	0.00	1.29	-35.43	-34.23
B262		36	51.10	121	18.38	610.0	979831.08	-15.68	0.00	1.45	-35.30	-34.05
B263		36	50.17	121	17.50	635.0	979830.31	-12.76	0.00	1.59	-33.10	-31.80
B264		36	49.47	121	16.84	689.0	979825.92	-11.06	0.00	1.58	-33.27	-31.86
B265		36	48.83	121	16.78	699.0	979824.12	-11.00	0.00	1.43	-33.70	-32.26
B266		36	48.07	121	16.25	761.0	979818.59	-9.60	0.00	1.37	-34.51	-32.92
B267		36	47.82	121	15.83	801.0	979815.35	-8.72	0.00	1.39	-34.98	-33.31
B268		36	48.38	121	15.48	919.0	979810.73	-3.05	0.00	1.44	-33.33	-31.41
B269		36	48.29	121	17.88	817.0	979814.42	-8.82	0.00	1.12	-35.91	-34.19
B270		36	47.96	121	18.52	755.0	979817.64	-10.96	0.05	1.12	-35.91	-34.32
B271		36	49.98	121	21.75	417.0	979834.43	-28.87	0.00	0.99	-42.28	-41.42
B272		36	50.36	121	21.75	405.0	979835.80	-29.18	0.00	0.97	-42.20	-41.37
B273		36	50.32	121	22.35	403.0	979833.72	-31.39	0.00	0.96	-44.35	-43.53
B274		36	50.34	121	22.80	350.0	979835.65	-34.47	0.00	0.96	-45.60	-44.89
B275		36	52.13	121	23.52	263.0	979843.43	-37.46	0.00	0.89	-45.66	-45.14
B276		36	51.39	121	23.70	278.0	979840.02	-38.39	0.00	0.90	-47.09	-46.53
B277		36	51.34	121	22.86	285.0	979841.57	-36.11	0.00	0.94	-45.02	-44.45
B278		36	51.37	121	23.23	283.0	979840.70	-37.21	0.00	0.93	-46.06	-45.50
B279		36	50.79	121	21.75	383.0	979838.27	-29.40	0.00	0.97	-41.66	-40.88
B280		36	49.90	121	20.66	503.0	979833.67	-21.43	0.00	1.02	-37.79	-36.74
B281		36	49.61	121	20.48	517.0	979832.50	-20.86	0.00	1.03	-37.69	-36.62
B282		36	49.44	121	18.49	718.0	979822.49	-11.72	0.18	1.33	-35.19	-33.69
B283		36	49.46	121	17.40	647.0	979827.97	-12.95	0.00	1.45	-33.85	-32.52
B284	P234	36	49.49	121	20.67	524.0	979831.40	-21.13	0.02F	1.03	-38.19	-37.11
B285		36	50.83	121	22.75	310.0	979839.42	-35.17	0.00	0.95	-44.92	-44.30
B286		36	50.85	121	23.07	296.0	979839.39	-36.55	0.00	0.95	-45.83	-45.23
B287		36	50.87	121	23.45	294.0	979838.52	-37.64	0.00	0.94	-46.86	-46.27
B288		36	50.66	121	23.45	300.0	979837.69	-37.60	0.00	0.95	-47.01	-46.41
B289		36	51.12	121	25.49	274.0	979838.92	-39.48	0.00	0.91	-48.03	-47.49
B290		36	49.08	121	27.47	320.0	979834.00	-37.13	0.48	2.12	-46.06	-45.50
B292		36	48.04	121	29.45	758.0	979825.87	-2.56	2.12	4.14	-24.59	-23.19
B293		36	47.82	121	28.35	1047.0	979802.44	1.52	2.56	4.59	-30.03	-28.02
B295		36	51.10	121	24.18	289.4	979838.94	-37.98	0.00	0.91	-47.06	-46.48
B296		36	51.16	121	24.72	276.8	979839.39	-38.80	0.00	0.91	-47.45	-46.90
B297		36	51.16	121	24.58	277.3	979839.60	-38.54	0.00	0.91	-47.21	-46.66
B298		36	51.16	121	24.48	279.8	979839.50	-38.41	0.00	0.92	-47.15	-46.60
B299		36	51.16	121	24.41	284.2	979839.32	-38.18	0.00	0.91	-47.09	-46.52
B300		36	51.16	121	24.30	286.6	979839.21	-38.06	0.00	0.90	-47.06	-46.48
B301		36	51.16	121	24.22	288.0	979839.09	-38.05	0.00	0.91	-47.09	-46.52
B302		36	51.16	121	24.11	289.0	979838.97	-38.07	0.00	0.91	-47.15	-46.57
B303		36	51.16	121	24.06	288.1	979838.99	-38.14	0.00	0.91	-47.19	-46.61
B304		36	51.16	121	23.94	284.8	979839.08	-38.36	0.00	0.91	-47.29	-46.72
B305		36	51.16	121	23.88	283.8	979839.13	-38.40	0.00	0.91	-47.29	-46.72
B306		36	50.42	121	24.73	291.0	979836.53	-39.26	0.00	0.98	-48.33	-47.75
B307		36	50.51	121	24.71	289.7	979836.80	-39.24	0.00	0.97	-48.28	-47.70
B308		36	50.58	121	24.71	287.2	979837.18	-39.20	0.00	0.96	-48.16	-47.59
B309		36	50.66	121	24.71	286.4	979837.35	-39.22	0.00	0.95	-48.16	-47.59
B310		36	50.74	121	24.70	284.6	979837.66	-39.19	0.00	0.95	-48.08	-47.51
B311		36	50.82	121	24.69	280.2	979838.28	-39.10	0.00	0.94	-47.84	-47.28
B312		36	50.92	121	24.71	277.8	979838.63	-39.12	0.00	0.93	-47.78	-47.23

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B313		36	50.98	121	24.71	278.7	979838.77	-38.98	0.00	0.93	-47.68	-47.13
B314		36	51.08	121	24.72	277.5	979839.05	-38.96	0.00	0.92	-47.63	-47.08
B315		36	50.34	121	23.00	321.9	979836.75	-36.02	0.00	0.97	-46.17	-45.52
B316		36	50.35	121	23.07	316.1	979836.92	-36.41	0.00	0.98	-46.35	-45.72
B317		36	50.36	121	23.15	310.8	979837.12	-36.72	0.00	0.98	-46.48	-45.86
B318		36	50.36	121	23.25	310.3	979836.86	-37.03	0.00	0.98	-46.77	-46.15
B319		36	50.37	121	23.41	310.8	979836.46	-37.39	0.00	0.97	-47.15	-46.53
B320		36	50.37	121	23.50	310.3	979836.33	-37.57	0.00	0.97	-47.32	-46.70
B321		36	50.38	121	23.61	307.5	979836.60	-37.58	0.00	0.97	-47.23	-46.62
B322		36	50.38	121	23.76	304.9	979836.96	-37.46	0.00	0.98	-47.02	-46.41
B323		36	50.38	121	23.83	305.6	979836.90	-37.46	0.00	0.97	-47.05	-46.44
B324		36	50.38	121	23.88	303.9	979837.00	-37.52	0.00	0.97	-47.05	-46.44
B325		36	50.39	121	24.07	298.6	979837.30	-37.73	0.00	0.97	-47.07	-46.48
B326		36	50.40	121	24.18	298.4	979837.29	-37.77	0.00	0.97	-47.10	-46.51
B327		36	50.41	121	24.28	295.9	979837.16	-38.15	0.00	0.97	-47.40	-46.81
B328		36	50.41	121	24.42	293.5	979837.03	-38.51	0.00	0.98	-47.67	-47.09
B329		36	50.41	121	24.50	291.7	979836.95	-38.76	0.00	0.98	-47.86	-47.28
B330		36	50.42	121	24.59	290.7	979836.87	-38.95	0.00	0.98	-48.01	-47.44
B331		36	51.80	121	24.35	270.0	979841.55	-38.20	0.00	0.87	-46.65	-46.12
B332		36	51.93	121	24.54	270.0	979841.92	-38.02	0.00	0.88	-46.46	-45.93
B334		36	52.44	121	25.10	256.0	979844.42	-37.57	0.00	0.83	-45.58	-45.07
B335		36	52.50	121	24.57	253.0	979844.87	-37.49	0.00	0.85	-45.38	-44.86
B336		36	52.69	121	24.69	249.0	979845.77	-37.24	0.00	0.84	-45.01	-44.51
B337		36	51.62	121	24.80	276.0	979840.63	-38.30	0.00	0.87	-46.96	-46.41
B339		36	48.09	121	23.14	400.0	979827.69	-34.49	0.84	2.12	-46.18	-45.44
B340		36	47.59	121	23.88	895.0	979794.16	-20.74	0.98	2.36	-49.28	-47.46
B341		36	49.28	121	24.63	322.7	979831.99	-39.17	0.20	1.38	-48.94	-48.32
B343		36	48.73	121	26.21	843.0	979797.71	-23.72	1.48	2.95	-49.87	-48.21
B344		36	48.73	121	25.59	684.0	979807.47	-28.92	0.72	2.02	-50.52	-49.15
B345		36	49.24	121	29.94	424.0	979837.44	-24.14	1.02	2.62	-36.17	-35.40
B346		36	50.04	121	29.70	206.0	979845.30	-37.94	0.00	1.44	-43.61	-43.25
B347		36	50.51	121	27.74	236.2	979839.43	-41.64	0.00	1.13	-48.67	-48.22
B348		36	48.09	121	25.35	767.0	979802.22	-25.44	0.78	2.20	-49.73	-48.18
B349		36	50.50	121	26.12	588.0	979815.49	-32.48	0.83	1.89	-50.90	-49.73
B350		36	49.65	121	26.37	602.0	979813.69	-31.74	0.75	1.93	-50.60	-49.40
B351		36	49.53	121	26.75	562.0	979816.94	-32.08	0.63	1.86	-49.63	-48.51
B352		36	49.16	121	26.67	400.0	979827.64	-36.08	0.46	1.85	-48.05	-47.28
B353		36	49.79	121	27.75	240.0	979838.51	-41.17	0.12	1.51	-47.95	-47.52
B354		36	53.69	121	25.52	228.0	979850.33	-36.10	0.00	0.80	-43.18	-42.73
B355		36	53.68	121	26.05	217.0	979849.74	-37.71	0.00	0.80	-44.41	-43.98
B356		36	52.93	121	24.48	237.0	979847.11	-37.38	0.00	0.84	-44.73	-44.26
B357		36	50.96	121	24.18	284.8	979838.82	-38.33	0.00	0.92	-47.24	-46.68
B358		36	50.79	121	24.19	285.7	979838.40	-38.42	0.00	0.94	-47.35	-46.78
B359		36	50.16	121	25.09	279.0	979835.56	-40.98	0.00	1.04	-49.57	-49.03
B360		36	49.86	121	25.08	292.0	979833.93	-40.96	0.00	1.09	-49.96	-49.39
B361		36	50.04	121	29.37	209.0	979843.72	-39.23	0.00	1.43	-45.02	-44.65
B362		36	50.28	121	29.70	207.0	979844.73	-38.76	0.00	1.34	-44.57	-44.20
B363		36	50.28	121	29.97	204.0	979845.99	-37.78	0.00	1.35	-43.48	-43.12
B364		36	50.49	121	29.97	205.0	979845.60	-38.38	0.00	1.27	-44.19	-43.82
B365		36	50.48	121	29.59	209.0	979843.93	-39.66	0.00	1.25	-45.63	-45.25

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B366		36	51.14	121	29.38	218.0	979843.07	-40.62	0.00	1.06	-47.09	-46.68
B374		36	50.21	121	24.98	278.6	979836.06	-40.59	0.00	1.03	-49.18	-48.64
B375		36	50.29	121	24.97	276.5	979836.42	-40.55	0.00	1.02	-49.08	-48.54
B376		36	50.38	121	24.95	270.2	979837.00	-40.69	0.00	1.01	-49.01	-48.48
B377		36	50.42	121	24.89	278.1	979836.63	-40.37	0.00	1.00	-48.98	-48.43
B378		36	50.41	121	24.78	291.0	979836.40	-39.37	0.00	0.98	-48.44	-47.86
B379		36	49.72	121	24.99	293.4	979833.65	-40.90	0.00	1.12	-49.92	-49.34
B380		36	49.83	121	24.72	288.9	979835.02	-40.12	0.00	1.08	-49.02	-48.45
B381		36	49.91	121	24.57	288.9	979835.71	-39.54	0.00	1.07	-48.45	-47.88
B382		36	49.52	121	24.63	300.5	979833.81	-39.79	0.00	1.14	-49.03	-48.44
B383		36	49.83	121	23.99	315.8	979835.46	-37.15	0.00	1.04	-47.02	-46.39
B384		36	49.67	121	23.94	311.5	979835.84	-36.94	0.00	1.06	-46.64	-46.02
B385		36	49.82	121	23.52	321.4	979835.62	-36.44	0.00	1.03	-46.51	-45.87
B386		36	49.55	121	23.55	315.3	979835.89	-36.36	0.00	1.07	-46.18	-45.55
B392		36	49.10	121	23.70	319.0	979834.79	-36.46	0.00	1.16	-46.32	-45.69
B393		36	49.05	121	24.18	336.9	979831.94	-37.56	0.43	1.62	-47.58	-46.94
B395		36	50.76	121	24.19	286.0	979838.27	-38.48	0.00	0.94	-47.42	-46.85
B396		36	50.46	121	24.20	296.0	979837.37	-38.01	0.00	0.97	-47.27	-46.68
B397		36	50.04	121	23.03	354.0	979833.85	-35.47	0.00	0.98	-46.72	-46.00
B398		36	49.65	121	22.98	349.0	979833.92	-35.30	0.00	1.03	-46.33	-45.62
B399		36	47.43	121	24.10	697.0	979805.92	-27.37	0.60	2.00	-49.44	-48.04
B402		36	45.15	121	23.06	1059.1	979787.67	-8.28	0.00	1.68	-43.16	-40.94
B403		36	51.01	121	26.07	256.9	979839.52	-40.33	0.00	0.94	-48.26	-47.76
B404		36	50.92	121	24.92	283.0	979838.02	-39.24	0.00	0.93	-48.09	-47.52
B405		36	50.93	121	25.23	283.4	979837.49	-39.75	0.00	0.93	-48.61	-48.05
B406		36	50.39	121	27.35	249.1	979838.89	-40.80	0.00	1.14	-48.26	-47.79
B407		36	50.35	121	27.72	236.3	979839.04	-41.79	0.00	1.19	-48.76	-48.32
B408		36	50.10	121	27.73	233.7	979838.87	-41.85	0.00	1.27	-48.65	-48.22
B409		36	50.29	121	28.28	227.1	979839.88	-41.73	0.00	1.24	-48.34	-47.92
B410		36	50.05	121	28.28	228.9	979839.66	-41.44	0.00	1.33	-48.02	-47.60
B411		36	50.30	121	28.71	222.7	979840.76	-41.28	0.00	1.25	-47.72	-47.31
B412		36	50.04	121	28.71	221.5	979841.14	-40.64	0.00	1.37	-46.92	-46.52
B415		36	51.73	121	26.33	268.3	979840.53	-39.28	0.00	0.86	-47.69	-47.15
B416		36	51.81	121	27.59	249.0	979842.93	-38.81	0.00	0.92	-46.50	-46.01
B417		36	51.69	121	23.68	271.0	979841.23	-38.27	0.00	0.89	-46.74	-46.20
B429		36	48.25	121	24.36	405.7	979825.86	-36.01	0.61	2.00	-48.02	-47.25
B430		36	48.38	121	24.19	390.2	979827.70	-35.82	0.48	1.82	-47.48	-46.74
B431		36	48.45	121	23.96	361.8	979830.25	-36.04	0.34	1.66	-46.88	-46.19
B432		36	48.43	121	22.69	343.1	979833.42	-34.60	0.00	1.23	-45.22	-44.54
B433		36	48.26	121	22.70	345.2	979832.85	-34.73	0.00	1.26	-45.39	-44.71
B434		36	48.93	121	23.71	323.5	979834.15	-36.43	0.00	1.20	-46.41	-45.77
B435		36	48.82	121	23.92	351.1	979831.16	-36.67	0.68	1.89	-46.91	-46.26
B436		36	51.13	121	25.76	259.2	979839.77	-40.03	0.00	0.92	-48.06	-47.55
B437		36	49.55	121	25.40	310.0	979831.73	-41.02	0.00	1.17	-50.56	-49.95
B438		36	49.80	121	25.92	313.0	979832.48	-40.35	0.00	1.13	-50.03	-49.42
B439		36	49.03	121	24.68	368.7	979828.29	-38.19	0.46	1.68	-49.25	-48.54
B440		36	49.09	121	24.90	427.0	979824.00	-37.08	0.22	1.40	-50.43	-49.58
B441		36	49.03	121	25.04	485.5	979819.90	-35.59	0.20	1.38	-50.98	-50.00
B442		36	53.59	121	24.06	219.8	979851.27	-35.79	0.00	0.84	-42.54	-42.11
B443		36	53.53	121	24.35	220.1	979850.61	-36.33	0.00	0.84	-43.09	-42.66

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND MGAL	TERRAIN TOTAL MGAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B444		36	53.72	121	24.52	213.3	979851.53	-36.33	0.00	0.83	-42.87	-42.45
B445		36	53.85	121	25.02	210.3	979851.85	-36.48	0.06	0.87	-42.88	-42.47
B446		36	54.13	121	25.30	206.2	979852.54	-36.58	0.13	0.93	-42.78	-42.38
B447		36	54.33	121	24.88	196.6	979854.00	-36.31	0.00	0.81	-42.29	-41.91
B448		36	54.71	121	25.80	191.2	979854.60	-36.77	0.00	0.79	-42.58	-42.21
B449		36	55.18	121	26.04	181.7	979856.77	-36.17	0.00	0.79	-41.66	-41.31
B450		36	55.84	121	25.37	167.7	979860.73	-34.48	0.00	0.82	-39.45	-39.13
B451		36	56.09	121	27.05	166.2	979860.99	-34.72	0.00	0.82	-39.64	-39.33
B452		36	55.74	121	24.38	181.1	979861.94	-31.86	0.00	0.85	-37.27	-36.93
B453		36	56.02	121	24.45	184.6	979863.12	-30.76	0.00	0.85	-36.28	-35.93
B454		36	54.86	121	24.23	196.3	979857.19	-33.91	0.00	0.83	-39.86	-39.48
B464		36	53.42	121	27.03	401.0	979838.59	-31.13	0.97	1.79	-43.24	-42.47
B465		36	52.89	121	27.39	400.0	979839.62	-29.48	0.42	1.27	-42.03	-41.23
B466		36	52.53	121	27.28	472.0	979831.89	-29.92	0.45	1.36	-44.87	-43.91
B467		36	52.67	121	27.67	432.0	979836.15	-29.62	0.38	1.26	-43.29	-42.42
B468		36	52.67	121	27.85	283.0	979846.81	-32.98	0.22	1.06	-41.69	-41.14
B469		36	52.19	121	27.04	402.0	979834.75	-33.15	0.18	1.04	-46.00	-45.18
B470		36	53.63	121	28.64	240.0	979855.65	-29.57	0.30	1.13	-36.73	-36.28
B471		36	53.34	121	29.39	570.0	979831.81	-21.95	0.44	1.43	-40.20	-39.04
B472		36	52.92	121	29.41	700.0	979819.87	-21.05	0.64	1.84	-43.38	-41.96
B473		36	52.61	121	28.98	671.0	979819.10	-24.11	1.10	2.26	-45.02	-43.69
B474		36	51.98	121	29.29	371.0	979836.23	-34.28	0.47	1.38	-45.72	-44.99
B475		36	52.06	121	28.73	407.0	979833.80	-33.44	0.45	1.35	-46.15	-45.34
B476		36	52.29	121	28.23	300.0	979842.94	-34.70	0.24	1.11	-43.96	-43.37
B477		36	52.65	121	28.09	320.0	979844.12	-32.16	0.08	0.92	-42.29	-41.65
B486		36	54.98	121	29.65	204.0	979868.25	-22.30	0.00	0.84	-28.51	-28.11
B488		36	53.28	121	29.61	664.0	979825.11	-19.72	0.37	1.50	-41.15	-39.78
B512		36	51.67	121	26.03	274.0	979840.10	-39.09	0.00	0.87	-47.69	-47.14
B513		36	51.48	121	25.98	273.7	979839.28	-39.66	0.00	0.88	-48.23	-47.69
B514		36	51.48	121	25.81	275.6	979839.16	-39.61	0.00	0.88	-48.25	-47.70
B515		36	51.47	121	25.69	275.6	979839.07	-39.68	0.00	0.88	-48.32	-47.77
B516		36	51.46	121	25.48	275.6	979838.91	-39.83	0.00	0.88	-48.47	-47.92
B517		36	51.45	121	25.32	275.6	979838.90	-39.82	0.00	0.88	-48.46	-47.91
B518		36	51.44	121	25.02	278.1	979839.12	-39.35	0.00	0.88	-48.07	-47.52
B519		36	51.43	121	24.91	280.7	979839.36	-38.85	0.00	0.88	-47.66	-47.10
B520		36	51.43	121	24.71	279.2	979840.04	-38.32	0.00	0.89	-47.08	-46.52
B521		36	51.42	121	24.60	280.5	979840.15	-38.07	0.02	0.91	-46.85	-46.29
B522		36	51.42	121	24.50	283.3	979839.96	-38.00	0.10	0.99	-46.79	-46.23
B565	P234	36	50.55	121	27.41	253.6	979838.70	-40.79	0.04F	1.13	-48.42	-47.93
B566	P234	36	50.60	121	27.33	255.5	979839.17	-40.22	0.10F	1.17	-47.88	-47.39
B567	P234	36	50.67	121	27.29	253.0	979839.47	-40.25	0.06F	1.12	-47.87	-47.39
B568	P234	36	50.75	121	27.21	249.2	979839.57	-40.63	0.03F	1.07	-48.17	-47.69
B569	P234	36	50.96	121	27.08	248.2	979839.62	-40.97	0.03F	1.03	-48.51	-48.03
B570	P234	36	50.95	121	27.32	248.5	979839.83	-40.72	0.02F	1.03	-48.28	-47.80
B571	P234	36	50.95	121	27.86	235.4	979840.47	-41.31	0.00F	1.04	-48.40	-47.95
B572	P234	36	51.17	121	28.29	232.7	979841.12	-41.23	0.00F	1.02	-48.25	-47.81
B573	P234	36	50.74	121	28.29	225.4	979840.67	-41.75	0.00F	1.10	-48.44	-48.01
B574	P234	36	51.18	121	28.55	228.1	979841.47	-41.33	0.00F	1.02	-48.19	-47.75
B575	P234	36	50.29	121	27.04	286.7	979836.46	-39.55	0.11F	1.21	-48.25	-47.69
B576	P234	36	50.51	121	26.87	270.7	979837.73	-40.10	0.36F	1.41	-48.04	-47.53

TABLE 2--CONTINUED

STATION	CODE	LATITUDE DEG	LATITUDE MIN	LONGITUDE DEG	LONGITUDE MIN	ELEVATION FEET	OBSERVED GRAVITY MGAL	FREE AIR (1930) MGAL	TERRAIN HAND	TERRAIN TOTAL	BOUGUER ANOMALY 2.67 MGAL	BOUGUER ANOMALY 2.50 MGAL
B577	P234	36	50.95	121	28.52	225.0	979841.27	-41.49	0.00F	1.06	-48.20	-47.77
B578	P234	36	50.94	121	28.87	221.7	979841.70	-41.36	0.00F	1.07	-47.95	-47.53
B447A		36	54.67	121	25.00	189.0	979855.34	-36.17	0.00	0.81	-41.89	-41.52

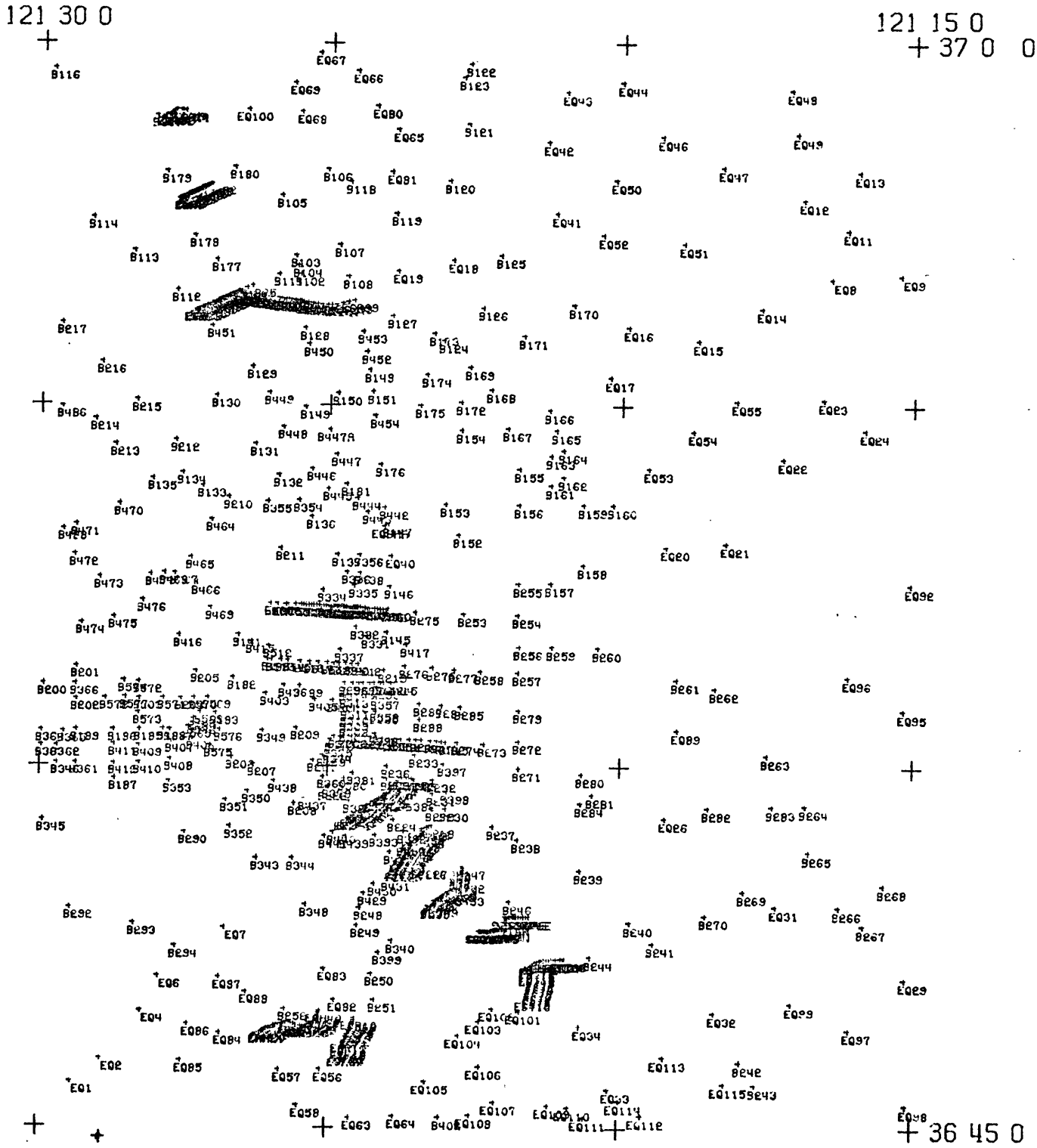

Figure 1. Plot of 806 gravity stations with station number.