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Principal facts for more than 700 new gravity stations in the San Francisco North and San Francisco South quadrangles, California

by

Carter W. Roberts [1]

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[1] Menlo Park, Calif. 94025

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Introduction

During 1989, gravity measurements were made at over 700 locations (Figure 1) in western San Francisco as well as Daly City, Colma, Pacifica, South San Francisco and northern San Bruno, California. Station spacing was generally about 400 meters. The primary goal of this survey was to investigate the depth of the ground water basins in this area. This report provides the principal facts for these gravity stations.

Gravity Methods and Reductions

Gravity Data

All of the gravity stations listed in this report were established with either LaCoste and Romberg gravity meter D26 (SFA00 through SFE42) or G614 (SFE43 through SFH10). A calibration factor, in addition to the factory calibration tables, was determined (Barnes and others, 1969) for each meter on the Mt. Hamilton calibration line (Robbins and others, 1974). These factors are 1.000999 for D26, and 1.000380 for G614. Observed gravity values are on the IGSN 71 datum (Morelli, 1974) and are based on ties to station BAB1A at the Stow Lake Boathouse in Golden Gate Park which we have tied to an absolute gravity station in Menlo Park, California, or to stations SFA00 and SFC54 which were tied to BAB1A during this survey. Anomalies were calculated using the 1967 spheroid (International Union of Geodesy and Geophysics, 1971).

Elevation Control

Elevation control came from a variety of sources. Elevations in San Francisco came from grade maps (primarily the areas with a grid street pattern) or bench mark descriptions (primarily the hilly areas with winding streets). These were obtained from the City and County of San Francisco (written commun. from Mr. Shinji Yao, Surveys and Mapping, 1989). A constant 8.6 feet was added to these elevations to convert from the San Francisco datum to the National Geodetic Survey (NGS, formerly USC&GS) datum. Elevations in Daly City came from the city and the North County Sanitary District and were primarily elevations of storm drain manholes. A small amount of elevation data was available for Colma from the city engineer; however with the assistance of Robert Jachens, most of the sites (stations SFD29 and SFG20 through SFG48) were surveyed in from a location on top of Mount San Bruno. Maps were obtained from the City of South San Francisco that showed both monument elevations and storm drain and catch basin elevations. Map files in the city offices yielded grade and manhole elevations in Pacifica and manhole and bench mark elevations in San Bruno.

Terrain Corrections

Terrain corrections were made by a three-step process with a terrain density of 2.67 g/cm^3:

1) The innermost corrections for Hayford-Bowie (1912) zones A and B (0 to 68 meters) were estimated in the field or were worked out later from notes made in the field.

2) For a few stations above the cliffs on the northern and western edges of the survey, ring templates were used with 1:24,000-scale topographic maps for Hayford-Bowie zones C through D (68 to 590 meters). For the rest of the stations, a computer program was used along with the digital elevation model (DEM) for the San Francisco North and San Francisco South quadrangles to determine the corrections for these zones. The DEM contains values every 30 meters and this method normally gives results equal to or better than the ring template method. In an area of Daly City and South San Francisco west of the Junipero Serra freeway, the terrain has been modified so extensively since the topographic map and DEM were made that the terrain corrections made by either of the above two methods would be incorrect. For these stations, the C-D correction was done by computer in three ways: using terrain from the DEM, the 15 second averaged terrain, and terrain generated by gridding the gravity station elevations. Each station was then examined carefully and a best value determined. In no case is the error of this process thought to be greater than 0.1 mGal.

3) From 0.590 km to 166.7 km, terrain corrections were made by computer using a modification of a program by Plouff (1977) and terrain digitized from 1:250,000 scale topographic maps at intervals of 15 seconds, 1 minute, and 3 minutes. Terrain corrections for most stations are thought to be accurate to within 10 percent. The same program calculated the free-air, Bouguer, latitude, and curvature corrections. Theoretical gravity at sea level was calculated using the Geodetic Reference System 1967 reference spheroid (International Union of Geodesy and Geophysics, 1971).

Isostatic Corrections

Isostatic corrections were made on all the data and are based on an Airy-Heiskanen model of compensation (Heiskanen and Vening Meinesz, 1958). The three-minute digital terrain model was used with a program by Jachens and Roberts (1981) to calculate the isostatic correction from each station to a radius of 166.7 km with an assumed sea level crustal thickness of 25 km, an upper crustal density of 2.67 g/cm^3 , and a lower crust/upper mantle density contrast of 0.4 g/cm^3 . Combined terrain and isostatic corrections for regions from 166.7 km to 180 degrees were derived from published maps of Karki and others (1961).

Locations of all gravity stations are shown in figures 1 and 1A through 1K. The format of the principal facts data is described in table 1. A four digit accuracy code, described in table 2, has been assigned to each station. Table 3 gives the principal facts for the gravity stations.

TABLE 1.– Explanation of principal facts format

Item	Explanation
STATION NAME	An alphanumeric combination of up to 8 characters used for station identification
LAT	Latitude in degrees and minutes, to 0.01 minute
LON	Longitude in degrees and minutes, to 0.01 minute
ELEV	Elevation, to 0.1 feet
OG	Observed gravity, to 0.01 mGal
AC	Four digit code describing the general location, elevation, latitude, and observed gravity accuracy
FAA	Free-air anomaly, to 0.01 mGal
ITC	Inner-zone terrain correction from 0.0 to 0.59 km for a density of 2.67 g/cm^3, to 0.01 mGal. Single letter code D indicates 0.59 km radius
TC	Total terrain correction from 0.0 to 166.7 km for a density of 2.67 g/cm^3, to 0.01 mGal
CBA	Complete Bouguer anomaly reduced for a density of 2.67 g/cm^3, to 0.01 mGal
ISO	Isostatic anomaly based on Airy-Heiskanen compensation, assumes sea level crustal thickness of 25 km, density of topography 2.67 g/cm^3, and lower crust/upper mantle density contrast of 0.40 g/cm^3, to 0.01 mGal

TABLE 2. Accuracy Codes

Location code (first digit)

A) Survey marks (vertical) - Topographic Maps (horizontal)

B --- Base plate directly on USGS or NGS (USC&GS) level-line bench mark.
N --- Base plate near USGS or NGS (USC&GS) level line bench mark.
E --- Base plate near bench marks of other agencies.
P --- Base plate on or near other reference marks that have been surveyed by the authors or other people.
D --- Destroyed or not found bench or reference mark.

B) Map locations (vertical and horizontal)

F --- Black spot elevations on published maps and spot elevations given to 0.1 meter on manuscript maps.

Elevation accuracy code (second digit)

Relative to 1929 USC&GS (NGS) datum

Code	Elev. Acc. Feet	Approx. Gravity Effect mGal	Typical types of Elevation Data
1	0.2	0.01	On levelled BM
2	0.3	0.02	Beside BM
3	1	0.05	Transit or Total Station surveys
4	2	0.1	VABM, most black map elevations
5	4	0.2	Black elevations on old maps

Latitude accuracy code (third digit)

(based on mean value of 1.45 mGal/minute at 37 degrees Latitude)

Code	Lat. Acc. Min.	Dist. Acc. Feet	Approx Gravity Effect mGal	Typical Map Measurement Requirements in inches
1	0.0075	42	0.01	Triangulation or special survey data
2	0.015	84	0.02	0.04 (1:24:000 map); special location care
3	0.035	210	0.05	0.10 (1:24,000 map) normal survey; 0.04 (1:62,500 map)

Observed gravity accuracy code (fourth digit)

(relative to local base station)

Code	Observed Gravity Accuracy mGal	Suggested types of gravity measurements
1	0.01	2 or more closed loops with 2 or more LaCoste & Romberg meters
2	0.02	Multiple readings with LaCoste & Romberg meter
3	0.05	Average LaCoste and Multiple Worden readings
4	0.10	Most USGS Worden data etc.

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TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFA00	37	44.16	122	30.31	21.1	979973.20	P322	6.22	5.50	0.01	D	1.27	6.76	-7.55
SFA01	37	44.16	122	30.25	23.2	979973.48	P323	6.69	5.90	0.01	D	1.27	7.16	-7.11
SFA02	37	44.17	122	30.18	25.1	979973.67	P323	7.05	6.19	0.02	D	1.29	7.47	-6.75
SFA03	37	44.17	122	30.12	40.6	979972.87	P323	7.70	6.32	0.02	D	1.29	7.59	-6.59
SFA04	37	44.17	122	30.06	53.3	979972.35	P323	8.38	6.56	0.02	D	1.29	7.83	-6.32
SFA05	37	44.18	122	29.99	64.4	979971.83	P323	8.89	6.70	0.02	D	1.30	7.97	-6.13
SFA06	37	44.18	122	29.92	67.0	979971.96	P323	9.27	6.98	0.02	D	1.31	8.26	-5.80
SFA07	37	44.18	122	29.80	93.2	979970.57	P323	10.34	7.16	0.04	D	1.34	8.46	-5.52
SFA08	37	44.20	122	29.54	104.6	979970.89	P323	11.70	8.14	0.01	D	1.31	9.40	-4.39
SFA10	37	44.22	122	29.18	131.7	979970.75	E223	14.08	9.59	0.16	D	1.51	11.04	-2.51
SFA11	37	44.24	122	28.77	179.6	979968.12	E323	15.93	9.80	0.21	D	1.62	11.34	-1.91
SFA12	37	44.24	122	28.52	246.1	979965.86	P323	19.92	11.53	0.15	D	1.60	13.02	-0.08
SFA13	37	44.26	122	28.26	288.6	979964.00	P323	22.03	12.19	0.10	D	1.60	13.67	0.72
SFA14	37	44.34	122	28.97	179.5	979968.76	E323	16.42	10.29	0.09	D	1.48	11.70	-1.66
SFA15	37	44.32	122	29.43	93.6	979972.76	P323	12.36	9.17	0.05	D	1.39	10.52	-3.16
SFA16	37	44.29	122	29.94	67.6	979972.20	P323	9.40	7.10	0.03	D	1.32	8.39	-5.63
SFA17	37	44.29	122	30.07	50.7	979972.75	P323	8.36	6.63	0.02	D	1.30	7.91	-6.20
SFA18	37	44.29	122	30.20	31.1	979973.57	P323	7.34	6.28	0.02	D	1.29	7.55	-6.64
SFA19	37	44.27	122	30.32	21.1	979973.68	P323	6.54	5.82	0.02	D	1.28	7.09	-7.20
SFA20	37	44.39	122	30.33	21.3	979974.01	P323	6.71	5.98	0.02	D	1.28	7.25	-6.99
SFA21	37	44.39	122	30.20	39.1	979973.40	P323	7.77	6.44	0.02	D	1.29	7.71	-6.44
SFA22	37	44.40	122	30.08	66.6	979972.05	P323	8.99	6.72	0.03	D	1.31	8.00	-6.08
SFA23	37	44.41	122	29.82	107.6	979970.14	P323	10.93	7.26	0.03	D	1.32	8.53	-5.38
SFA24	37	44.42	122	29.56	132.1	979970.15	P323	13.23	8.73	0.05	D	1.37	10.04	-3.69
SFA25	37	44.43	122	29.30	160.6	979969.42	P323	15.17	9.69	0.07	D	1.42	11.04	-2.52
SFA26	37	44.44	122	29.05	203.6	979967.82	P323	17.59	10.65	0.09	D	1.48	12.04	-1.34
SFA27	37	44.45	122	28.79	243.6	979965.37	P323	18.89	10.58	0.09	D	1.52	12.00	-1.21
SFA28	37	44.46	122	28.53	290.6	979963.07	P323	21.00	11.09	0.09	D	1.58	12.54	-0.50
SFA29	37	44.48	122	28.27	370.6	979959.75	P323	25.18	12.54	0.10	D	1.66	14.04	1.15
SFA30	37	44.48	122	28.08	374.6	979958.18	P323	23.98	11.21	0.11	D	1.68	12.72	-0.03
SFA31	37	44.47	122	27.90	350.6	979960.23	P323	23.78	11.83	0.19	D	1.77	13.44	0.79
SFA32	37	44.62	122	27.78	451.6	979956.26	P323	29.09	13.69	0.16	D	1.79	15.29	2.76
SFA33	37	44.61	122	28.02	439.6	979954.75	P323	26.47	11.48	0.15	D	1.78	13.07	0.38
SFA34	37	44.71	122	28.16	468.6	979954.47	P323	28.78	12.80	0.25	D	1.93	14.52	1.77
SFA35	37	44.71	122	28.35	423.6	979956.82	P323	26.90	12.45	0.13	D	1.75	14.02	1.16
SFA36	37	44.70	122	28.55	369.6	979959.33	P323	24.34	11.73	0.10	D	1.66	13.23	0.25
SFA37	37	44.69	122	28.80	365.6	979959.96	P323	24.60	12.14	0.14	D	1.71	13.69	0.54
SFA38	37	44.67	122	29.06	275.6	979964.22	P323	20.43	11.03	0.13	D	1.57	12.48	-0.84
SFA39	37	44.55	122	29.19	203.6	979967.68	P323	17.29	10.35	0.07	D	1.45	11.71	-1.73
SFA40	37	44.66	122	29.32	206.1	979968.30	P323	17.99	10.96	0.06	D	1.44	12.31	-1.17
SFA41	37	44.64	122	29.57	148.6	979970.25	P323	14.56	9.49	0.03	D	1.36	10.79	-2.87
SFA42	37	44.63	122	29.83	132.0	979969.38	P323	12.15	7.64	0.03	D	1.34	8.93	-4.91
SFA43	37	44.62	122	30.09	74.6	979972.31	P323	9.68	7.14	0.03	D	1.31	8.42	-5.58
SFA44	37	44.61	122	30.37	21.6	979974.60	P323	7.01	6.27	0.02	D	1.28	7.54	-6.65
SFA45	37	43.12	122	29.90	63.6	979967.33	P323	5.86	3.69	0.14	D	1.44	5.10	-9.32
SFA46	37	43.28	122	29.97	55.5	979968.30	P323	5.84	3.95	0.12	D	1.41	5.33	-9.09
SFA47	37	43.43	122	30.09	45.8	979968.74	P323	5.15	3.59	0.08	D	1.35	4.92	-9.53
SFA48	37	43.60	122	30.08	39.7	979970.52	P323	6.11	4.75	0.07	D	1.34	6.07	-8.32
SFA49	37	43.88	122	29.90	41.1	979972.82	P323	8.13	6.73	0.03	D	1.31	8.02	-6.13
SFA50	37	43.84	122	30.11	59.6	979970.87	P323	7.97	5.94	0.09	D	1.36	7.28	-7.04
SFA51	37	43.73	122	30.04	35.9	979971.72	P323	6.76	5.54	0.04	D	1.31	6.83	-7.47
SFA52	37	43.80	122	29.96	31.6	979972.81	P323	7.34	6.26	0.05	D	1.33	7.57	-6.66
SFA53	37	43.93	122	29.83	52.8	979972.42	P323	8.75	6.95	0.03	D	1.32	8.25	-5.84
SFA54	37	44.01	122	29.77	75.1	979971.49	P323	9.80	7.24	0.05	D	1.34	8.55	-5.47
SFA55	37	43.42	122	29.65	43.0	979972.29	F423	8.44	6.98	0.02	D	1.31	8.27	-5.87
SFA56	37	43.69	122	29.56	68.0	979971.98	P323	10.09	7.77	0.10	D	1.38	9.12	-4.88
SFA57	37	43.86	122	29.00	121.2	979970.21	E223	13.08	8.94	0.04	D	1.37	10.26	-3.30
SFA58	37	43.86	122	29.27	96.9	979971.47	E223	12.05	8.75	0.04	D	1.35	10.05	-3.69
SFA59	37	43.92	122	29.43	86.8	979971.50	P323	11.05	8.09	0.02	D	1.32	9.37	-4.46
SFA60	37	43.91	122	29.66	66.6	979972.18	E223	9.84	7.57	0.03	D	1.33	8.87	-5.11
SFA61	37	44.05	122	29.53	110.4	979969.89	P323	11.47	7.70	0.05	D	1.34	8.99	-4.85
SFA62	37	44.08	122	29.67	89.3	979971.05	P323	10.60	7.55	0.03	D	1.31	8.82	-5.11
SFA63	37	44.83	122	30.40	21.9	979975.43	P323	7.54	6.80	0.01	D	1.27	8.06	-6.06
SFA64	37	44.85	122	30.12	48.6	979975.01	P323	9.60	7.95	0.03	D	1.32	9.25	-4.69
SFA65	37	44.86	122	29.85	96.9	979972.91	P323	12.04	8.73	0.08	D	1.38	10.07	-3.69
SFA66	37	44.87	122	29.59	163.6	979970.02	P323	15.41	9.83	0.04	D	1.38	11.14	-2.45
SFA67	37	44.88	122	29.34	243.6	979966.26	P323	19.15	10.85	0.10	D	1.51	12.25	-1.18
SFA68	37	44.89	122	29.08	356.6	979960.64	P323	24.15	11.99	0.17	D	1.75	13.58	0.31
SFA69	37	44.90	122	28.82	431.6	979956.44	P323	26.99	12.27	0.07	D	1.79	13.87	0.77
SFA70	37	44.91	122	28.56	448.6	979955.09	P323	27.22	11.92	0.05	D	1.75	13.48	0.55

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFA71	37	44.93	122	28.31	489.6	979953.43	P323	29.39	12.69	0.27	D	2.01	14.49	1.72
SFA72	37	44.94	122	27.91	686.1	979943.36	P323	37.79	14.39	0.41	D	2.81	16.91	4.38
SFA73	37	44.83	122	28.04	702.6	979940.61	P323	36.75	12.79	0.90	D	3.48	15.97	3.32
SFA74	37	43.87	122	28.49	201.1	979966.00	E223	16.37	9.51	0.04	D	1.43	10.85	-2.36
SFA75	37	43.87	122	28.74	155.0	979968.55	E223	14.58	9.30	0.04	D	1.40	10.63	-2.75
SFA76	37	42.82	122	29.84	197.0	979956.84	P323	8.35	1.63	0.16	D	1.64	3.19	-11.32
SFA77	37	42.60	122	29.80	235.8	979952.32	P423	7.80	-0.24	0.19	D	1.78	1.44	-13.13
SFA78	37	42.71	122	29.61	222.0	979953.77	P323	7.80	0.23	0.22	D	1.76	1.89	-12.65
SFA79	37	42.13	122	29.73	233.0	979950.39	F423	6.30	-1.65	0.18	D	1.75	0.00	-14.68
SFA80	37	41.91	122	29.65	219.0	979951.19	F423	6.10	-1.37	0.12	D	1.65	0.19	-14.52
SFA81	37	42.06	122	29.03	88.3	979966.59	P323	8.99	5.98	0.05	D	1.45	7.39	-6.80
SFA82	37	42.09	122	28.93	81.3	979967.61	E223	9.31	6.54	0.03	D	1.44	7.94	-6.18
SFA83	37	42.12	122	28.84	84.8	979967.83	P323	9.81	6.92	0.02	D	1.43	8.31	-5.73
SFA84	37	42.14	122	28.76	88.5	979968.04	P323	10.34	7.32	0.02	D	1.43	8.71	-5.28
SFA85	37	42.18	122	28.62	109.9	979966.98	P323	11.24	7.49	0.04	D	1.44	8.88	-5.01
SFA86	37	42.21	122	28.55	131.0	979965.76	P323	11.97	7.51	0.05	D	1.43	8.88	-4.95
SFA87	37	42.23	122	28.46	155.8	979964.42	P323	12.92	7.61	0.06	D	1.44	8.98	-4.77
SFA88	37	41.59	122	28.62	113.0	979964.43	P323	9.84	5.99	0.06	D	1.50	7.44	-6.63
SFA89	37	41.59	122	28.20	184.3	979960.58	P323	12.70	6.41	0.06	D	1.46	7.79	-6.00
SFA90	37	41.60	122	28.07	198.8	979960.02	P223	13.48	6.70	0.03	D	1.44	8.06	-5.64
SFA91	37	41.59	122	28.01	209.8	979959.37	P223	13.88	6.73	0.04	D	1.46	8.10	-5.57
SFA92	37	41.60	122	27.89	230.9	979958.30	P323	14.78	6.91	0.05	D	1.50	8.31	-5.28
SFA93	37	41.80	122	29.14	127.8	979961.33	P323	7.83	3.47	0.09	D	1.49	4.90	-9.47
SFA94	37	45.17	122	30.44	22.2	979977.02	P323	8.67	7.91	0.01	D	1.26	9.16	-4.87
SFA95	37	45.06	122	30.38	22.6	979976.74	P323	8.58	7.81	0.02	D	1.28	9.08	-4.96
SFA96	37	45.07	122	30.13	54.6	979975.86	P323	10.70	8.84	0.02	D	1.30	10.11	-3.76
SFA97	37	45.09	122	29.88	102.6	979974.33	P323	13.66	10.16	0.06	D	1.35	11.47	-2.24
SFA98	37	45.09	122	29.60	179.6	979969.83	P323	16.40	10.28	0.08	D	1.42	11.62	-1.90
SFA99	37	45.10	122	29.35	251.6	979966.83	P323	20.16	11.58	0.08	D	1.49	12.96	-0.40
SFB00	37	45.11	122	29.10	310.6	979963.86	P323	22.72	12.13	0.11	D	1.58	13.57	0.37
SFB01	37	45.12	122	28.83	377.8	979959.29	P323	24.46	11.57	0.09	D	1.66	13.07	0.05
SFB02	37	45.14	122	28.58	386.6	979958.25	P323	24.21	11.03	0.08	D	1.65	12.51	-0.33
SFB03	37	45.15	122	28.33	462.6	979955.23	E323	28.33	12.55	0.35	D	2.03	14.38	1.68
SFB04	37	45.37	122	28.35	452.2	979957.96	E223	29.76	14.34	0.45	D	2.14	16.28	3.64
SFB05	37	45.36	122	28.59	320.6	979963.29	P323	22.72	11.79	0.11	D	1.58	13.23	0.45
SFB06	37	45.35	122	28.84	300.8	979963.83	P323	21.42	11.16	0.06	D	1.50	12.53	-0.39
SFB07	37	45.35	122	29.12	276.6	979965.58	P323	20.89	11.46	0.04	D	1.45	12.79	-0.31
SFB08	37	45.33	122	29.36	292.4	979964.69	P323	21.52	11.55	0.07	D	1.54	12.96	-0.33
SFB09	37	45.32	122	29.62	187.6	979970.97	P323	17.96	11.56	0.10	D	1.43	12.91	-0.54
SFB10	37	45.31	122	29.88	112.6	979974.34	P323	14.29	10.45	0.05	D	1.34	11.74	-1.86
SFB11	37	45.29	122	30.13	68.1	979976.06	P323	11.85	9.52	0.03	D	1.29	10.76	-3.01
SFB12	37	45.29	122	30.40	23.6	979977.66	P323	9.26	8.46	0.02	D	1.27	9.72	-4.24
SFB13	37	45.40	122	30.48	20.6	979977.77	P323	8.93	8.23	0.02	D	1.27	9.49	-4.48
SFB14	37	45.51	122	30.41	26.8	979977.92	P323	9.50	8.59	0.01	D	1.26	9.84	-4.03
SFB15	37	45.52	122	30.15	74.8	979975.77	P323	11.85	9.30	0.03	D	1.29	10.56	-3.16
SFB16	37	45.53	122	29.89	122.6	979973.74	P323	14.30	10.12	0.06	D	1.34	11.41	-2.12
SFB17	37	45.54	122	29.63	193.6	979969.91	P323	17.14	10.54	0.08	D	1.40	11.85	-1.52
SFB18	37	45.55	122	29.37	254.6	979967.59	P323	20.55	11.86	0.07	D	1.46	13.21	0.00
SFB19	37	45.56	122	29.12	242.8	979967.77	P323	19.60	11.32	0.03	D	1.39	12.60	-0.43
SFB20	37	45.57	122	28.86	254.8	979966.67	P323	19.61	10.92	0.04	D	1.42	12.23	-0.62
SFB21	37	45.59	122	28.60	278.6	979967.51	P323	22.66	13.16	0.08	D	1.47	14.51	1.80
SFB22	37	45.60	122	28.35	352.0	979965.35	P323	27.39	15.38	0.29	D	1.76	16.99	4.43
SFB23	37	45.61	122	28.09	305.0	979968.06	P323	25.66	15.26	0.17	D	1.62	16.75	4.38
SFB24	37	45.62	122	27.83	328.0	979967.64	P323	27.40	16.21	0.15	D	1.64	17.71	5.50
SFB25	37	45.63	122	27.58	418.0	979963.04	P323	31.25	16.99	0.94	D	2.48	19.29	7.23
SFB26	37	45.40	122	27.82	452.1	979958.56	P323	30.31	14.89	0.42	D	2.04	16.74	4.45
SFB27	37	45.39	122	28.07	475.1	979957.79	E323	31.72	15.52	0.36	D	2.04	17.35	4.90
SFB28	37	45.32	122	28.20	595.0	979949.42	P323	34.73	14.43	0.55	D	2.73	16.91	4.34
SFB29	37	45.17	122	27.98	610.1	979948.50	P323	35.45	14.64	0.39	D	2.49	16.87	4.39
SFB30	37	45.18	122	27.80	505.6	979955.07	P323	32.17	14.93	0.32	D	2.02	16.73	4.37
SFB31	37	46.62	122	28.15	225.8	979969.19	P323	17.85	10.16	0.11	D	1.34	11.40	-0.62
SFB32	37	45.69	122	29.00	232.8	979968.16	P323	18.86	10.92	0.06	D	1.40	12.22	-0.68
SFB33	37	45.67	122	29.26	211.8	979970.10	P323	18.85	11.63	0.03	D	1.35	12.88	-0.20
SFB34	37	45.62	122	30.50	20.1	979978.59	P323	9.38	8.70	0.01	D	1.26	9.95	-3.94
SFB35	37	45.73	122	30.43	24.8	979979.06	P323	10.13	9.29	0.01	D	1.26	10.54	-3.26
SFB36	37	45.75	122	30.17	68.8	979976.83	P323	12.01	9.67	0.01	D	1.26	10.90	-2.74
SFB37	37	45.75	122	29.92	104.6	979975.29	P323	13.84	10.27	0.03	D	1.29	11.52	-1.94
SFB38	37	45.76	122	29.65	150.6	979973.60	P323	16.46	11.32	0.04	D	1.31	12.57	-0.73
SFB39	37	45.78	122	29.40	177.6	979972.55	P323	17.93	11.87	0.03	D	1.32	13.11	-0.02
SFB40	37	45.79	122	29.14	196.8	979970.61	P323	17.78	11.06	0.02	D	1.32	12.30	-0.66

TABLE 3.—*New gravity data on the northern San Francisco Peninsula, California—Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFB41	37	45.80	122	28.89	210.8	979969.63	P323	18.10	10.91	0.02	D	1.32	12.14	-0.64
SFB42	37	45.81	122	28.63	219.6	979970.40	P323	19.68	12.19	0.02	D	1.33	13.42	0.78
SFB43	37	45.82	122	28.36	250.6	979969.99	P323	22.17	13.62	0.05	D	1.39	14.90	2.43
SFB44	37	45.83	122	28.10	247.0	979971.69	P323	23.52	15.09	0.02	D	1.39	16.37	4.08
SFB45	37	45.85	122	27.85	275.0	979970.51	P323	24.95	15.57	0.04	D	1.44	16.89	4.76
SFB46	37	45.86	122	27.59	294.0	979970.14	P323	26.35	16.32	0.18	D	1.61	17.80	5.84
SFB47	37	45.87	122	27.40	326.6	979968.01	P323	27.27	16.13	0.28	D	1.72	17.71	5.87
SFB48	37	45.96	122	27.99	248.0	979971.99	P323	23.72	15.26	0.04	D	1.38	16.54	4.36
SFB49	37	45.94	122	28.24	244.0	979971.25	P323	22.64	14.32	0.05	D	1.37	15.58	3.23
SFB50	37	45.84	122	30.53	20.8	979979.50	P323	10.04	9.33	0.01	D	1.26	10.58	-3.24
SFB51	37	45.85	122	30.30	47.8	979978.19	P323	11.25	9.62	0.02	D	1.27	10.87	-2.81
SFB52	37	45.86	122	30.04	86.6	979976.38	P323	13.08	10.13	0.01	D	1.26	11.35	-2.16
SFB53	37	45.87	122	29.79	123.3	979974.57	P323	14.71	10.50	0.06	D	1.32	11.77	-1.58
SFB54	37	45.88	122	29.53	157.9	979973.22	P323	16.59	11.21	0.05	D	1.32	12.46	-0.73
SFB55	37	45.89	122	29.27	180.8	979971.68	P323	17.19	11.03	0.06	D	1.33	12.28	-0.73
SFB56	37	45.91	122	29.02	192.8	979970.75	P323	17.36	10.78	0.05	D	1.31	12.01	-0.81
SFB57	37	45.91	122	28.75	201.8	979971.02	P323	18.48	11.59	0.04	D	1.32	12.82	0.15
SFB58	37	45.92	122	28.51	225.0	979971.19	P323	20.82	13.15	0.03	D	1.33	14.38	1.86
SFB59	37	45.25	122	28.45	380.1	979959.74	P323	24.94	11.97	0.23	D	1.78	13.59	0.85
SFB60	37	45.03	122	28.45	432.6	979955.69	P323	26.14	11.39	0.14	D	1.78	12.98	0.17
SFB61	37	45.02	122	28.69	441.1	979954.81	P323	26.08	11.03	0.10	D	1.80	12.64	-0.32
SFB62	37	45.25	122	28.72	328.6	979962.18	P323	22.53	11.32	0.07	D	1.55	12.73	-0.15
SFB63	37	45.24	122	28.98	309.6	979963.42	P323	22.00	11.44	0.04	D	1.50	12.81	-0.24
SFB64	37	45.22	122	29.23	273.1	979966.32	P323	21.49	12.18	0.05	D	1.47	13.53	0.29
SFB65	37	45.45	122	29.25	243.6	979968.08	P323	20.14	11.83	0.03	D	1.40	13.12	-0.04
SFB66	37	45.46	122	28.99	251.6	979966.71	P323	19.51	10.93	0.02	D	1.40	12.22	-0.76
SFB67	37	45.47	122	28.74	264.6	979966.36	P323	20.37	11.35	0.05	D	1.46	12.69	-0.13
SFB68	37	45.69	122	28.74	244.6	979967.94	P323	19.75	11.41	0.04	D	1.39	12.69	-0.05
SFB69	37	45.48	122	28.48	350.6	979963.48	P323	25.57	13.61	0.21	D	1.69	15.15	2.47
SFB70	37	45.46	122	28.27	501.8	979956.21	E223	32.54	15.43	0.50	D	2.32	17.53	4.97
SFB71	37	46.29	122	30.47	36.1	979979.65	P323	10.97	9.74	0.02	D	1.27	11.00	-2.60
SFB72	37	46.30	122	30.20	66.6	979977.55	P323	11.73	9.46	0.02	D	1.28	10.71	-2.71
SFB73	37	46.31	122	29.95	103.8	979975.00	P323	12.66	9.12	0.03	D	1.28	10.35	-2.92
SFB74	37	46.32	122	29.69	119.6	979974.14	P323	13.27	9.19	0.05	D	1.29	10.43	-2.66
SFB75	37	46.34	122	29.44	131.1	979973.87	P323	14.05	9.58	0.03	D	1.26	10.78	-2.15
SFB76	37	46.35	122	29.17	152.6	979973.06	P323	15.25	10.04	0.06	D	1.28	11.26	-1.50
SFB77	37	46.36	122	28.92	181.6	979973.20	P323	18.10	11.91	0.07	D	1.30	13.13	0.54
SFB78	37	46.37	122	28.65	240.6	979971.88	P323	22.32	14.12	0.15	D	1.42	15.43	3.01
SFB79	37	46.38	122	28.40	248.6	979970.39	P323	21.57	13.09	0.11	D	1.38	14.36	2.09
SFB80	37	46.39	122	28.14	225.6	979971.30	P323	20.30	12.61	0.04	D	1.29	13.80	1.69
SFB81	37	46.40	122	27.89	234.6	979970.80	P323	20.63	12.63	0.05	D	1.31	13.84	1.90
SFB82	37	46.43	122	27.62	232.6	979970.55	P323	20.15	12.21	0.06	D	1.33	13.44	1.67
SFB83	37	46.46	122	27.44	244.6	979970.33	P323	21.02	12.67	0.06	D	1.33	13.90	2.24
SFB84	37	46.51	122	27.02	324.6	979965.01	P323	23.14	12.07	0.18	D	1.50	13.43	2.05
SFB85	37	46.68	122	27.01	350.7	979961.73	P323	22.08	10.11	0.20	D	1.58	11.54	0.21
SFB86	37	46.66	122	27.25	269.6	979966.92	P323	19.66	10.47	0.13	D	1.39	11.74	0.26
SFB87	37	46.64	122	27.44	213.6	979970.58	P323	18.08	10.80	0.05	D	1.29	12.00	0.40
SFB88	37	46.64	122	27.64	192.6	979971.43	P323	16.96	10.39	0.02	D	1.26	11.57	-0.13
SFB89	37	46.63	122	27.89	200.6	979970.69	P323	16.99	10.15	0.04	D	1.26	11.32	-0.54
SFB90	37	46.64	122	28.16	171.6	979971.78	P323	15.04	9.19	0.02	D	1.21	10.33	-1.62
SFB91	37	46.60	122	28.41	210.6	979970.90	P323	18.19	11.00	0.09	D	1.32	12.23	0.03
SFB92	37	46.59	122	28.94	181.6	979972.40	P323	16.97	10.77	0.12	D	1.34	12.03	-0.48
SFB93	37	46.57	122	29.19	210.6	979971.60	P323	18.92	11.74	0.12	D	1.38	13.03	0.33
SFB94	37	46.56	122	29.45	232.6	979969.14	P323	18.55	10.62	0.16	D	1.48	11.99	-0.88
SFB95	37	46.55	122	29.70	191.6	979970.83	P323	16.40	9.86	0.10	D	1.39	11.17	-1.85
SFB96	37	46.54	122	29.96	175.6	979971.38	P323	15.46	9.47	0.12	D	1.43	10.82	-2.38
SFB97	37	46.53	122	30.22	115.6	979975.57	P323	14.02	10.08	0.14	D	1.43	11.46	-1.91
SFB98	37	46.51	122	30.48	64.6	979979.53	P323	13.21	11.00	0.21	D	1.47	12.45	-1.08
SFB99	37	46.52	122	30.60	23.6	979981.95	P323	11.76	10.96	0.16	D	1.42	12.37	-1.23
SFC00	37	46.74	122	30.49	203.6	979970.98	P323	17.39	10.45	0.17	D	1.66	12.02	-1.44
SFC01	37	46.75	122	30.23	262.6	979967.35	P323	19.31	10.35	0.12	D	1.69	11.93	-1.37
SFC02	37	46.86	122	30.31	294.6	979967.09	P323	21.89	11.85	0.15	D	1.91	13.63	0.30
SFC03	37	46.87	122	30.11	320.6	979964.01	P323	21.24	10.31	0.09	D	1.85	12.02	-1.16
SFC04	37	46.76	122	29.98	271.1	979966.75	P323	19.49	10.25	0.09	D	1.60	11.73	-1.41
SFC05	37	46.77	122	29.71	274.6	979968.35	P323	21.40	12.04	0.09	D	1.56	13.48	0.51
SFC06	37	46.78	122	29.46	223.6	979972.33	P323	20.57	12.95	0.09	D	1.42	14.27	1.48
SFC07	37	46.79	122	29.20	167.6	979974.73	P323	17.69	11.97	0.07	D	1.32	13.22	0.60
SFC08	37	46.81	122	28.94	149.6	979974.18	P323	15.41	10.31	0.05	D	1.26	11.51	-0.93
SFC09	37	46.82	122	28.69	142.6	979974.63	P323	15.20	10.33	0.02	D	1.22	11.49	-0.78
SFC10	37	46.88	122	29.85	323.6	979964.92	P323	22.42	11.38	0.19	D	1.88	13.12	0.10

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFC11	37	46.90	122	29.60	238.6	979969.68	P323	19.16	11.02	0.11	D	1.51	12.43	-0.41
SFC12	37	47.01	122	29.53	202.6	979971.77	P323	17.70	10.79	0.22	D	1.58	12.28	-0.46
SFC13	37	47.02	122	29.22	146.6	979975.17	P323	16.01	10.94	0.01	D	1.26	12.13	-0.41
SFC14	37	47.04	122	28.96	133.6	979975.00	P323	14.39	9.84	0.01	D	1.22	11.00	-1.36
SFC15	37	47.05	122	28.70	130.6	979974.70	P323	13.80	9.35	0.02	D	1.21	10.50	-1.69
SFC16	37	47.06	122	28.44	133.6	979974.18	P323	13.55	8.99	0.01	D	1.19	10.13	-1.88
SFC17	37	46.83	122	28.43	153.6	979973.45	P323	15.04	9.80	0.02	D	1.21	10.94	-1.16
SFC18	37	46.59	122	28.67	158.6	979974.98	P323	17.38	11.97	0.03	D	1.24	13.14	0.79
SFC19	37	46.85	122	27.91	174.6	979971.34	P323	14.87	8.92	0.01	D	1.21	10.05	-1.74
SFC20	37	46.86	122	27.65	177.6	979971.04	P323	14.84	8.78	0.01	D	1.22	9.92	-1.71
SFC21	37	46.87	122	27.45	203.6	979970.15	P323	16.38	9.43	0.03	D	1.25	10.59	-0.91
SFC22	37	46.89	122	27.19	216.6	979969.90	P323	17.32	9.93	0.07	D	1.28	11.12	-0.21
SFC23	37	46.92	122	26.93	249.1	979967.67	P323	18.11	9.61	0.06	D	1.28	10.78	-0.40
SFC24	37	46.35	122	26.97	242.6	979970.79	P323	21.44	13.17	0.03	D	1.31	14.37	2.97
SFC25	37	46.32	122	27.17	249.6	979971.19	P323	22.55	14.04	0.02	D	1.31	15.24	3.71
SFC26	37	46.48	122	27.20	315.1	979966.69	P323	23.98	13.23	0.16	D	1.47	14.56	3.06
SFC27	37	47.07	122	28.18	145.6	979973.05	P323	13.53	8.57	0.01	D	1.19	9.69	-2.16
SFC28	37	47.08	122	27.92	170.6	979971.72	P323	14.54	8.72	0.02	D	1.20	9.84	-1.87
SFC29	37	47.09	122	27.66	178.6	979971.43	P323	14.98	8.89	0.01	D	1.20	10.02	-1.53
SFC30	37	47.10	122	27.48	190.6	979970.86	P323	15.53	9.03	0.02	D	1.21	10.15	-1.28
SFC31	37	47.17	122	27.22	233.8	979968.11	P323	16.74	8.77	0.03	D	1.24	9.90	-1.35
SFC32	37	47.21	122	26.94	272.6	979966.10	P323	18.32	9.03	0.03	D	1.29	10.20	-0.88
SFC33	37	47.48	122	26.98	197.6	979971.03	P323	15.80	9.06	0.18	D	1.34	10.32	-0.68
SFC34	37	47.41	122	27.27	242.0	979967.70	P323	16.75	8.50	0.19	D	1.41	9.80	-1.40
SFC35	37	47.37	122	27.49	280.6	979964.93	P323	17.67	8.10	0.14	D	1.45	9.43	-1.93
SFC36	37	47.30	122	27.82	213.6	979969.26	P323	15.80	8.52	0.14	D	1.34	9.76	-1.81
SFC37	37	47.20	122	28.06	158.6	979972.58	P323	14.10	8.69	0.05	D	1.22	9.84	-1.92
SFC38	37	47.18	122	28.32	136.6	979973.85	P323	13.32	8.66	0.03	D	1.21	9.81	-2.10
SFC39	37	47.17	122	28.59	126.6	979974.99	P323	13.54	9.22	0.06	D	1.25	10.41	-1.65
SFC40	37	47.15	122	28.84	121.6	979975.73	P323	13.84	9.69	0.01	D	1.21	10.85	-1.38
SFC41	37	47.26	122	29.04	103.6	979977.73	P323	13.98	10.45	0.09	D	1.30	11.70	-0.62
SFC42	37	47.25	122	29.17	118.6	979977.24	P323	14.92	10.87	0.12	D	1.36	12.18	-0.23
SFC43	37	47.39	122	29.07	54.6	979981.49	P323	12.95	11.08	0.01	D	1.23	12.29	0.00
SFC44	37	47.20	122	29.51	195.9	979972.74	E223	17.77	11.09	0.56	D	1.96	12.96	0.29
SFC45	37	46.09	122	27.13	267.6	979970.19	P323	23.58	14.45	0.03	D	1.39	15.72	4.14
SFC46	37	46.13	122	26.82	282.6	979969.55	P323	24.29	14.65	0.08	D	1.39	15.91	4.53
SFC47	37	46.24	122	26.45	278.6	979968.72	P323	22.92	13.42	0.23	D	1.47	14.77	3.65
SFC48	37	45.95	122	26.49	472.6	979958.09	P323	30.96	14.84	0.41	D	2.12	16.76	5.48
SFC49	37	45.71	122	26.74	456.6	979960.51	P323	32.23	16.66	0.35	D	1.97	18.43	6.92
SFC50	37	45.69	122	27.04	399.6	979963.77	P323	30.16	16.53	0.54	D	2.06	18.42	6.73
SFC51	37	45.72	122	27.96	282.0	979970.61	P323	25.89	16.27	0.05	D	1.48	17.63	5.37
SFC52	37	46.26	122	27.35	249.0	979972.29	P323	23.68	15.19	0.02	D	1.32	16.40	4.74
SFC53	37	46.23	122	27.55	244.0	979973.33	P323	24.30	15.97	0.03	D	1.34	17.21	5.42
SFC54	37	40.95	122	27.72	150.7	979962.17	H122	12.06	6.92	0.33	D	1.82	8.67	-5.01
SFC55	37	40.80	122	27.65	126.5	979963.85	P323	11.68	7.36	0.08	D	1.61	8.92	-4.75
SFC56	37	40.72	122	27.75	169.0	979960.74	P423	12.68	6.92	0.09	D	1.55	8.39	-5.38
SFC57	37	40.65	122	27.84	204.0	979958.17	P323	13.50	6.55	0.06	D	1.50	7.96	-5.89
SFC58	37	40.61	122	27.99	234.8	979955.63	P323	13.92	5.92	0.09	D	1.54	7.35	-6.63
SFC59	37	40.62	122	28.10	242.8	979954.84	P323	13.87	5.59	0.18	D	1.63	7.11	-6.94
SFC60	37	40.57	122	27.48	109.5	979964.97	E223	11.53	7.80	0.07	D	1.63	9.38	-4.24
SFC61	37	40.65	122	27.36	152.0	979962.53	P323	12.97	7.79	0.06	D	1.59	9.31	-4.21
SFC62	37	40.71	122	27.29	176.0	979961.20	P323	13.82	7.61	0.05	D	1.59	9.33	-4.13
SFC63	37	40.78	122	27.19	201.5	979959.93	P323	14.84	7.97	0.06	D	1.64	9.52	-3.85
SFC64	37	40.84	122	27.09	233.1	979958.17	P223	15.97	8.02	0.06	D	1.71	9.83	-3.65
SFC65	37	40.20	122	25.92	200.4	979964.14	P323	19.79	12.96	0.48	D	2.36	15.23	2.57
SFC66	37	39.98	122	25.94	155.5	979966.45	P223	18.20	12.90	0.07	D	1.75	14.58	1.83
SFC67	37	39.84	122	26.06	117.4	979968.06	P223	16.44	12.43	0.04	D	1.64	14.02	1.16
SFC68	37	39.67	122	26.25	53.0	979971.21	P223	13.77	11.96	0.03	D	1.65	13.59	0.55
SFC69	37	40.12	122	26.88	85.0	979967.87	H123	12.78	9.89	0.06	D	1.68	11.53	-1.80
SFC70	37	39.68	122	26.57	107.1	979967.16	P223	14.80	11.14	0.05	D	1.53	12.63	-0.63
SFC71	37	39.47	122	26.60	117.9	979966.56	E323	15.52	11.50	0.01	D	1.46	12.91	-0.43
SFC72	37	39.30	122	26.62	114.9	979966.86	P323	15.78	11.87	0.02	D	1.50	13.31	-0.10
SFC73	37	39.23	122	26.38	68.7	979970.25	P223	14.93	12.59	0.03	D	1.57	14.13	0.87
SFC74	37	39.01	122	26.51	122.5	979966.71	P223	16.77	12.59	0.06	D	1.53	14.07	0.64
SFC75	37	39.15	122	26.68	108.9	979967.17	E223	15.75	12.03	0.10	D	1.62	13.61	0.11
SFC76	37	39.05	122	26.94	201.3	979960.83	P223	18.25	11.38	0.14	D	1.65	12.94	-0.79
SFC77	37	38.85	122	26.80	170.7	979963.10	P223	17.93	12.11	0.14	D	1.70	13.73	0.04
SFC78	37	38.61	122	27.10	277.0	979956.65	P323	21.83	12.38	0.25	D	1.87	14.13	0.14
SFC79	37	38.59	122	27.35	392.5	979948.65	P223	24.72	11.34	0.20	D	1.88	13.05	-1.13
SFC80	37	38.80	122	27.22	421.3	979946.61	P223	25.09	10.72	0.40	D	2.11	12.65	-1.38

TABLE 3.—*New gravity data on the northern San Francisco Peninsula, California—Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFC81	37	38.80	122	27.44	469.2	979943.58	P223	26.56	10.56	0.20	D	2.00	12.36	-1.83
SFC82	37	38.78	122	27.68	545.0	979939.25	P223	29.39	10.80	0.10	D	2.06	12.62	-1.77
SFC83	37	38.57	122	27.67	532.0	979941.23	P223	30.45	12.30	0.11	D	2.03	14.11	-0.35
SFC84	37	38.43	122	27.58	509.6	979943.64	P223	30.96	13.58	0.22	D	2.08	15.44	1.01
SFC85	37	39.27	122	27.03	217.2	979959.78	P223	18.37	10.97	0.14	D	1.61	12.48	-1.25
SFC86	37	39.36	122	26.15	61.0	979970.35	P223	14.12	12.04	0.02	D	1.55	13.56	0.51
SFC87	37	38.98	122	27.24	366.3	979949.96	P223	23.00	10.51	0.19	D	1.81	12.16	-1.83
SFC88	37	38.02	122	28.28	595.5	979946.55	P223	42.54	22.23	0.10	D	2.44	24.42	9.35
SFC89	37	37.86	122	28.20	657.3	979941.84	P223	43.88	21.46	0.37	D	2.94	24.12	9.02
SFC90	37	37.99	122	28.06	638.7	979944.27	P323	44.37	22.59	0.12	D	2.46	24.78	9.85
SFC91	37	38.01	122	27.86	711.3	979938.22	P323	45.12	20.86	0.21	D	2.77	23.33	8.54
SFC92	37	38.17	122	27.91	635.8	979942.26	P323	41.83	20.14	0.21	D	2.47	22.34	7.57
SFC93	37	38.33	122	27.67	618.6	979939.18	P323	36.89	15.80	0.21	D	2.38	17.91	3.38
SFC94	37	38.51	122	27.85	610.6	979940.35	P323	37.06	16.23	0.12	D	2.28	18.25	3.64
SFC95	37	38.70	122	27.94	593.4	979939.54	P323	34.34	14.11	0.05	D	2.15	16.00	1.39
SFC96	37	38.83	122	28.11	608.1	979940.08	P323	36.08	15.34	0.05	D	2.26	17.34	2.63
SFC97	37	38.93	122	27.90	566.7	979937.74	P223	29.70	10.37	0.15	D	2.17	12.30	-2.21
SFC98	37	38.94	122	27.67	504.0	979940.91	P223	26.95	9.76	0.33	D	2.20	11.75	-2.57
SFC99	37	39.33	122	26.83	148.6	979964.35	E223	16.40	11.34	0.03	D	1.50	12.77	-0.79
SFD00	37	42.33	122	28.32	194.0	979963.20	P323	15.15	8.53	0.06	D	1.44	9.89	-3.75
SFD01	37	42.37	122	28.49	162.0	979964.57	P323	13.45	7.92	0.04	D	1.41	9.26	-4.49
SFD02	37	42.43	122	28.73	103.0	979967.88	P323	11.12	7.61	0.06	D	1.44	9.00	-4.88
SFD03	37	42.47	122	29.05	31.0	979972.01	P323	8.42	7.37	0.05	D	1.49	8.84	-5.22
SFD04	37	42.35	122	28.91	62.0	979969.99	P323	9.49	7.38	0.04	D	1.46	8.81	-5.21
SFD05	37	42.24	122	28.72	103.0	979967.34	P323	10.86	7.35	0.02	D	1.40	8.70	-5.23
SFD06	37	42.20	122	29.13	83.0	979966.96	P323	8.66	5.83	0.07	D	1.46	7.25	-6.97
SFD07	37	42.18	122	29.23	125.0	979963.22	P323	8.90	4.63	0.07	D	1.43	6.01	-8.29
SFD08	37	42.16	122	29.39	170.0	979958.36	P323	8.30	2.50	0.07	D	1.45	3.88	-10.56
SFD09	37	42.14	122	29.49	200.0	979955.06	P323	7.85	1.03	0.04	D	1.47	2.41	-12.10
SFD10	37	42.14	122	29.59	216.0	979952.81	P323	7.10	-0.26	0.04	D	1.53	1.17	-13.41
SFD11	37	42.14	122	29.71	232.0	979950.52	P323	6.32	-1.59	0.13	D	1.69	-0.01	-14.68
SFD12	37	41.93	122	29.49	219.0	979952.45	P323	7.34	-0.13	0.04	D	1.51	1.28	-13.30
SFD13	37	41.98	122	29.33	174.0	979957.67	P323	8.25	2.31	0.05	D	1.43	3.67	-10.79
SFD14	37	42.03	122	29.16	129.0	979962.61	P323	8.88	4.48	0.06	D	1.42	5.85	-8.46
SFD15	37	42.18	122	28.31	157.0	979962.80	P523	11.49	6.13	0.12	D	1.52	7.58	-6.10
SFD16	37	41.98	122	28.71	113.0	979965.89	P323	10.73	6.88	0.06	D	1.45	8.28	-5.72
SFD17	37	41.78	122	28.76	113.0	979964.68	P323	9.82	5.96	0.02	D	1.42	7.33	-6.77
SFD18	37	41.58	122	29.30	262.0	979950.37	P323	9.81	0.87	0.18	D	1.71	2.47	-12.10
SFD19	37	41.44	122	29.66	368.0	979940.60	P323	10.21	-2.34	0.19	D	2.27	-0.23	-15.12
SFD20	37	41.24	122	29.60	469.0	979934.23	P323	13.63	-2.36	1.42	D	3.99	1.42	-13.51
SFD21	37	41.12	122	29.56	547.0	979929.02	P323	15.94	-2.72	1.85	D	4.90	1.95	-13.00
SFD22	37	41.01	122	29.45	468.0	979935.90	P323	15.54	-0.42	0.69	D	3.08	2.46	-12.44
SFD23	37	41.14	122	29.43	512.0	979932.10	P323	15.69	-1.77	0.43	D	3.09	1.10	-13.75
SFD24	37	41.38	122	29.50	351.0	979942.21	P323	10.31	-1.66	0.27	D	2.18	0.37	-14.43
SFD25	37	41.60	122	29.05	188.0	979957.15	P323	9.60	3.19	0.29	D	1.71	4.81	-9.56
SFD26	37	41.59	122	28.89	165.0	979959.83	P323	10.13	4.50	0.12	D	1.53	5.96	-8.30
SFD27	37	40.95	122	27.58	185.5	979960.21	P323	13.37	7.04	0.03	D	1.51	8.47	-5.12
SFD28	37	41.04	122	27.45	211.0	979959.11	P323	14.54	7.35	0.03	D	1.56	8.81	-4.66
SFD29	37	41.23	122	27.34	248.7	979957.81	P223	16.51	8.02	0.04	D	1.67	9.59	-3.73
SFD30	37	41.51	122	27.13	325.0	979954.81	P323	20.28	9.19	1.01	D	2.80	11.85	-1.25
SFD31	37	41.65	122	27.25	239.0	979960.69	P323	17.86	9.71	0.87	D	2.69	12.30	-0.84
SFD32	37	41.76	122	27.43	324.0	979955.04	P323	20.05	9.00	0.52	D	2.12	10.97	-2.25
SFD33	37	41.50	122	27.37	198.0	979961.96	P323	15.50	8.74	0.21	D	1.99	10.65	-2.61
SFD34	37	41.36	122	27.48	202.3	979960.20	P323	14.35	7.45	0.07	D	1.69	9.05	-4.34
SFD35	37	41.40	122	27.61	170.9	979962.30	P323	13.43	7.60	0.06	D	1.65	9.18	-4.27
SFD36	37	41.27	122	27.79	150.0	979962.90	P323	12.26	7.14	0.05	D	1.55	8.63	-4.99
SFD37	37	41.22	122	27.60	193.0	979960.31	P323	13.78	7.20	0.03	D	1.55	8.67	-4.83
SFD38	37	41.16	122	27.93	182.0	979960.10	P323	12.62	6.42	0.03	D	1.47	7.81	-5.94
SFD39	37	41.35	122	27.92	194.0	979959.56	P323	12.94	6.32	0.01	D	1.45	7.69	-6.00
SFD40	37	41.08	122	27.76	140.5	979963.24	P323	11.98	7.19	0.09	D	1.59	8.71	-4.94
SFD41	37	41.03	122	28.05	189.0	979959.05	P323	12.42	5.97	0.05	D	1.48	7.37	-6.51
SFD42	37	41.16	122	28.33	200.0	979958.03	P323	12.25	5.43	0.11	D	1.53	6.87	-7.16
SFD43	37	41.38	122	28.34	165.0	979960.94	P323	11.55	5.92	0.03	D	1.43	7.28	-6.68
SFD44	37	41.59	122	28.40	161.0	979961.87	P323	11.79	6.30	0.02	D	1.40	7.63	-6.30
SFD45	37	41.67	122	28.27	180.0	979961.07	P323	12.66	6.53	0.02	D	1.40	7.85	-5.96
SFD46	37	41.67	122	28.55	147.5	979962.69	P323	11.23	6.20	0.04	D	1.43	7.56	-6.44
SFD47	37	41.41	122	28.89	282.5	979951.22	P323	12.84	3.20	0.30	D	1.80	4.88	-9.46
SFD48	37	41.76	122	29.31	160.0	979957.51	P323	7.09	1.63	0.14	D	1.55	3.11	-11.39
SFD49	37	41.76	122	29.57	237.0	979950.02	P323	6.84	-1.24	0.09	D	1.64	0.30	-14.40
SFD50	37	41.57	122	29.55	275.5	979947.32	P323	8.05	-1.35	0.18	D	1.85	0.38	-14.37

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFD51	37	41.64	122	29.68	297.0	979945.00	P323	7.65	-2.48	0.63	D	2.43	-0.18	-15.01
SFD52	37	41.40	122	29.33	364.0	979942.45	P323	11.74	-0.67	0.14	D	1.99	1.16	-13.51
SFD53	37	41.36	122	29.04	348.0	979945.61	P323	13.46	1.59	0.20	D	1.87	3.31	-11.15
SFD54	37	41.15	122	28.99	419.0	979940.10	P323	14.93	0.64	0.18	D	2.05	2.51	-12.00
SFD55	37	41.15	122	29.23	465.0	979935.95	P323	15.11	-0.75	0.06	D	2.26	1.31	-13.38
SFD56	37	40.99	122	29.23	461.0	979936.44	P323	15.46	-0.27	0.03	D	2.18	1.72	-13.03
SFD57	37	41.00	122	29.02	443.0	979938.36	P323	15.67	0.56	0.03	D	1.99	2.36	-12.23
SFD58	37	41.28	122	28.55	195.0	979958.18	P323	11.75	5.10	0.13	D	1.54	6.56	-7.57
SFD59	37	41.42	122	28.68	179.0	979959.17	P323	11.04	4.93	0.10	D	1.51	6.36	-7.82
SFD60	37	43.25	122	28.50	159.0	979967.81	E223	15.12	9.70	0.04	D	1.39	11.02	-2.41
SFD61	37	43.15	122	28.47	171.3	979966.91	E223	15.53	9.69	0.03	D	1.38	10.99	-2.45
SFD62	37	43.01	122	28.48	173.0	979966.70	E223	15.68	9.78	0.05	D	1.40	11.11	-2.41
SFD63	37	42.91	122	28.30	197.6	979965.05	E223	16.49	9.75	0.09	D	1.46	11.13	-2.31
SFD64	37	42.96	122	28.65	146.4	979967.68	E223	14.23	9.24	0.08	D	1.43	10.60	-3.04
SFD65	37	43.05	122	28.83	130.7	979968.07	E223	13.01	8.55	0.04	D	1.38	9.88	-3.83
SFD66	37	42.93	122	28.83	118.0	979968.31	E223	12.24	8.21	0.08	D	1.42	9.58	-4.19
SFD67	37	43.12	122	29.02	102.6	979969.32	E223	11.52	8.02	0.04	D	1.36	9.33	-4.48
SFD68	37	43.20	122	28.93	110.7	979969.59	E223	12.43	8.66	0.01	D	1.33	9.94	-3.78
SFD69	37	43.18	122	28.71	128.9	979969.76	E223	14.34	9.95	0.01	D	1.35	11.24	-2.34
SFD70	37	43.07	122	28.66	146.7	979968.19	E223	14.61	9.61	0.02	D	1.36	10.90	-2.69
SFD71	37	43.30	122	28.88	103.4	979970.85	E223	12.86	9.34	0.01	D	1.34	10.63	-3.03
SFD72	37	43.44	122	29.04	87.3	979971.70	E223	11.99	9.02	0.01	D	1.33	10.31	-3.41
SFD73	37	42.89	122	29.05	49.4	979972.02	E223	9.55	7.86	0.07	D	1.46	9.30	-4.62
SFD74	37	42.75	122	29.28	30.2	979972.03	E223	7.96	6.93	0.04	D	1.45	8.36	-5.78
SFD75	37	42.98	122	29.65	39.5	979970.25	E223	6.72	5.37	0.09	D	1.43	6.79	-7.53
SFD76	37	43.57	122	30.20	70.6	979967.08	P323	5.61	3.20	0.07	D	1.35	4.52	-9.95
SFD77	37	43.73	122	30.33	32.2	979969.93	P323	4.62	3.52	0.04	D	1.30	4.81	-9.69
SFD78	37	43.96	122	30.35	25.8	979971.72	P323	5.47	4.59	0.01	D	1.26	5.84	-8.58
SFD79	37	43.78	122	29.12	88.9	979972.42	E223	12.37	9.33	0.08	D	1.40	10.70	-2.96
SFD80	37	43.78	122	29.38	82.9	979972.01	E223	11.39	8.56	0.07	D	1.37	9.90	-3.94
SFD81	37	43.92	122	29.47	80.8	979971.90	E223	10.88	8.13	0.02	D	1.32	9.41	-4.44
SFD82	37	44.23	122	29.41	96.4	979971.97	E223	11.97	8.68	0.03	D	1.36	10.00	-3.69
SFD83	37	44.06	122	29.26	117.4	979970.57	E223	12.79	8.79	0.03	D	1.35	10.09	-3.56
SFD84	37	44.07	122	28.97	145.2	979969.32	E223	14.14	9.19	0.04	D	1.40	10.52	-2.93
SFD85	37	44.08	122	28.82	172.5	979968.20	E223	15.57	9.69	0.06	D	1.43	11.04	-2.31
SFD86	37	44.06	122	28.50	220.0	979966.40	E223	18.27	10.77	0.05	D	1.46	12.13	-1.01
SFD87	37	43.70	122	28.66	148.3	979969.03	E223	14.68	9.62	0.07	D	1.42	10.98	-2.40
SFD88	37	43.61	122	28.49	163.0	979968.78	E223	15.95	10.39	0.04	D	1.41	11.73	-1.57
SFD89	37	43.50	122	28.42	154.5	979970.67	E223	17.19	11.92	0.05	D	1.44	13.30	0.00
SFD90	37	44.49	122	28.15	387.6	979958.33	P323	25.34	12.12	0.09	D	1.67	13.62	0.82
SFD91	37	44.12	122	28.23	277.3	979963.19	P323	20.37	10.91	0.08	D	1.55	12.34	-0.63
SFD92	37	43.85	122	28.25	247.4	979963.72	P323	18.47	10.04	0.05	D	1.47	11.40	-1.68
SFD93	37	43.61	122	27.90	268.6	979963.64	P323	20.74	11.58	0.11	D	1.52	12.98	0.04
SFD94	37	43.51	122	27.97	216.2	979966.17	E223	18.49	11.11	0.06	D	1.48	12.50	-0.50
SFD95	37	43.73	122	28.10	256.5	979964.33	E223	20.12	11.37	0.08	D	1.49	12.75	-0.26
SFD96	37	43.61	122	28.24	214.5	979966.80	E223	18.81	11.49	0.06	D	1.46	12.86	-0.28
SFD97	37	43.42	122	28.21	195.0	979966.55	E223	17.00	10.35	0.05	D	1.44	11.70	-1.49
SFD98	37	43.30	122	28.23	210.8	979965.12	E223	17.24	10.05	0.06	D	1.43	11.38	-1.86
SFD99	37	43.30	122	27.97	263.2	979962.56	E223	19.60	10.63	0.08	D	1.47	11.98	-1.08
SFE00	37	43.30	122	27.70	284.9	979961.81	P323	20.89	11.18	0.11	D	1.48	12.53	-0.36
SFE01	37	43.31	122	27.42	300.6	979960.45	P323	21.00	10.74	0.05	D	1.42	12.03	-0.67
SFE02	37	43.31	122	27.18	315.7	979960.34	E223	22.31	11.54	0.04	D	1.41	12.81	0.26
SFE03	37	43.09	122	27.19	434.4	979952.81	E223	26.26	11.45	0.24	D	1.79	13.05	0.41
SFE04	37	43.10	122	27.42	422.6	979953.74	P323	26.07	11.65	0.18	D	1.70	13.17	0.39
SFE05	37	43.51	122	27.67	246.6	979964.25	P323	19.43	11.02	0.09	D	1.50	12.41	-0.39
SFE06	37	43.62	122	28.96	79.4	979972.80	E223	12.09	9.38	0.06	D	1.41	10.76	-2.84
SFE07	37	43.07	122	28.23	248.6	979963.64	P323	19.65	11.17	0.16	D	1.53	12.59	-0.73
SFE08	37	43.08	122	27.96	440.6	979951.83	P323	25.88	10.85	0.55	D	2.24	12.90	-0.25
SFE09	37	43.07	122	27.69	508.6	979947.54	P323	28.00	10.66	0.77	D	2.61	13.05	0.07
SFE10	37	42.86	122	27.70	300.1	979959.91	P323	21.07	10.83	0.15	D	1.53	12.23	-0.82
SFE11	37	42.66	122	27.96	280.6	979960.74	P323	20.06	10.49	0.21	D	1.59	11.96	-1.27
SFE12	37	42.65	122	27.85	273.0	979961.19	P323	20.10	10.79	0.09	D	1.49	12.16	-1.06
SFE13	37	42.53	122	28.15	230.3	979962.88	E223	17.95	10.10	0.04	D	1.42	11.42	-2.04
SFE14	37	42.65	122	28.15	213.6	979963.95	P323	17.27	9.99	0.04	D	1.42	11.32	-2.09
SFE15	37	42.86	122	28.17	228.6	979963.51	P323	17.94	10.14	0.13	D	1.52	11.56	-1.80
SFE16	37	42.74	122	27.69	261.6	979961.72	P323	19.43	10.50	0.07	D	1.46	11.85	-1.23
SFE17	37	42.69	122	27.48	301.6	979959.27	P323	20.82	10.53	0.02	D	1.42	11.82	-1.15
SFE18	37	42.52	122	27.63	370.6	979955.67	P223	23.95	11.31	0.17	D	1.65	12.80	-0.33
SFE19	37	42.50	122	27.88	337.9	979957.51	P323	22.75	11.22	0.20	D	1.66	12.73	-0.58
SFE20	37	42.80	122	27.30	309.6	979959.09	P323	21.22	10.67	0.06	D	1.45	11.98	-0.83

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFE21	37	42.90	122	27.47	333.4	979957.96	P323	22.19	10.82	0.08	D	1.47	12.14	-0.74
SFE22	37	43.00	122	27.30	409.6	979954.48	P323	25.73	11.76	0.18	D	1.67	13.25	0.49
SFE23	37	46.26	122	28.54	265.0	979970.07	P423	22.96	13.93	0.17	D	1.47	15.28	2.87
SFE24	37	43.46	122	27.43	268.7	979962.47	P323	19.80	10.63	0.03	D	1.42	11.93	-0.73
SFE25	37	43.02	122	27.04	345.9	979958.16	E223	23.39	11.59	0.20	D	1.60	13.04	0.46
SFE26	37	42.85	122	27.07	329.1	979959.34	E223	23.24	12.01	0.21	D	1.61	13.48	0.84
SFE27	37	43.47	122	27.07	307.5	979961.72	E223	22.68	12.19	0.04	D	1.42	13.48	1.04
SFE28	37	43.61	122	27.07	317.4	979961.01	E223	22.70	11.87	0.03	D	1.44	13.18	0.78
SFE29	37	43.79	122	27.13	355.1	979958.72	P323	23.69	11.58	0.09	D	1.57	12.99	0.61
SFE30	37	43.84	122	27.43	407.4	979955.03	E223	24.85	10.95	0.20	D	1.73	12.51	-0.05
SFE31	37	43.66	122	27.43	323.4	979960.42	E223	22.60	11.57	0.11	D	1.54	12.97	0.35
SFE32	37	43.69	122	27.70	382.5	979957.09	E223	24.78	11.74	0.31	D	1.80	13.37	0.58
SFE33	37	43.80	122	27.81	366.9	979958.28	E223	24.35	11.83	0.18	D	1.68	13.35	0.52
SFE34	37	43.91	122	27.95	342.3	979958.36	E223	21.95	10.28	0.13	D	1.62	11.75	-1.12
SFE35	37	44.09	122	27.96	358.1	979957.45	E223	22.26	10.05	0.11	D	1.65	11.54	-1.27
SFE36	37	44.27	122	27.99	333.3	979960.32	E223	22.54	11.18	0.09	D	1.64	12.67	-0.09
SFE37	37	43.93	122	27.78	415.0	979955.12	E223	25.52	11.37	0.22	D	1.80	12.99	0.22
SFE38	37	43.88	122	27.61	514.6	979949.40	E223	29.25	11.70	0.30	D	2.09	13.57	0.88
SFE39	37	44.02	122	27.48	520.7	979949.66	E223	29.87	12.11	0.27	D	2.02	13.91	1.36
SFE40	37	44.23	122	27.53	695.1	979938.93	E223	35.24	11.53	0.89	D	3.34	14.58	2.06
SFE41	37	44.09	122	27.68	530.9	979948.95	E223	30.02	11.91	0.39	D	2.22	13.90	1.25
SFE42	37	44.29	122	27.73	451.6	979954.15	E223	27.47	12.07	0.27	D	1.91	13.78	1.17
SFE43	37	41.07	122	28.43	276.0	979952.24	P323	13.74	4.33	0.20	D	1.65	5.85	-8.28
SFE44	37	41.08	122	28.68	345.0	979946.84	P323	14.81	3.05	0.25	D	1.83	4.73	-9.57
SFE45	37	40.95	122	28.72	405.0	979942.09	P323	15.89	2.08	0.10	D	1.83	3.74	-10.66
SFE46	37	40.89	122	28.46	368.0	979945.56	P323	15.98	3.43	0.20	D	1.80	5.07	-9.16
SFE47	37	40.79	122	28.67	389.0	979944.01	P323	16.54	3.28	0.07	D	1.76	4.87	-9.55
SFE48	37	40.74	122	28.89	394.0	979942.34	P323	15.42	1.98	0.05	D	1.80	3.61	-10.97
SFE49	37	40.85	122	28.99	424.0	979939.82	P323	15.56	1.10	0.05	D	1.92	2.84	-11.79
SFE50	37	40.84	122	29.26	449.0	979938.08	P323	16.19	0.87	0.10	D	2.21	2.89	-11.93
SFE51	37	40.73	122	29.14	412.0	979941.20	P323	15.98	1.93	0.04	D	1.94	3.69	-11.07
SFE52	37	40.58	122	29.11	411.0	979942.05	P323	16.96	2.94	0.12	D	2.01	4.77	-10.03
SFE53	37	40.56	122	28.94	382.0	979943.56	P323	15.77	2.74	0.08	D	1.83	4.41	-10.27
SFE54	37	40.44	122	29.20	513.0	979936.79	P323	21.50	4.01	0.20	D	2.57	6.36	-8.57
SFE55	37	40.39	122	28.98	470.0	979938.84	P323	19.58	3.55	0.17	D	2.17	5.52	-9.26
SFE56	37	40.23	122	29.01	558.0	979934.25	P323	23.50	4.47	0.11	D	2.53	6.76	-8.10
SFE57	37	40.27	122	28.80	476.0	979938.45	P323	19.92	3.69	0.16	D	2.12	5.60	-9.09
SFE58	37	40.44	122	28.74	385.0	979943.67	P323	16.34	3.21	0.11	D	1.82	4.86	-9.71
SFE59	37	40.59	122	28.69	338.0	979946.95	P323	14.98	3.46	0.12	D	1.73	5.04	-9.44
SFE60	37	40.52	122	28.17	269.0	979953.22	P323	14.87	5.69	0.06	D	1.54	7.11	-7.02
SFE61	37	40.62	122	28.47	340.0	979947.61	P323	15.79	4.19	0.08	D	1.65	5.69	-8.63
SFE62	37	40.46	122	28.47	324.0	979948.78	P323	15.68	4.63	0.08	D	1.65	6.14	-8.23
SFE63	37	40.46	122	28.60	329.0	979947.75	P323	15.12	3.90	0.34	D	1.95	5.71	-8.75
SFE64	37	40.82	122	29.43	475.0	979937.02	P323	17.60	1.40	0.51	D	2.91	4.11	-10.86
SFE65	37	40.73	122	29.54	493.0	979936.30	P323	18.70	1.89	1.90	D	4.53	6.20	-8.87
SFE66	37	40.65	122	29.45	504.0	979936.53	P323	20.08	2.89	0.79	D	3.40	6.08	-8.96
SFE67	37	40.50	122	29.41	556.0	979933.85	P323	22.51	3.55	1.01	D	3.90	7.21	-7.86
SFE68	37	40.30	122	29.27	649.0	979927.84	P323	25.55	3.41	1.03	D	4.38	7.52	-7.53
SFE69	37	40.01	122	29.29	482.0	979944.22	P323	26.64	10.20	0.97	D	3.41	13.40	-1.76
SFE70	37	39.86	122	29.50	239.0	979964.31	P323	24.09	15.94	0.78	D	2.66	18.50	3.15
SFE71	37	39.68	122	29.30	264.0	979963.37	P323	25.76	16.76	0.35	D	2.24	18.88	3.62
SFE72	37	39.71	122	29.08	370.0	979954.42	P323	26.74	14.13	0.62	D	2.54	16.50	1.41
SFE73	37	39.86	122	29.13	468.0	979945.84	P323	27.16	11.20	0.57	D	2.79	13.79	-1.28
SFE74	37	39.62	122	29.01	382.0	979954.42	P323	28.01	14.98	0.65	D	2.58	17.39	2.32
SFE75	37	39.50	122	29.13	328.9	979959.52	P323	28.28	17.07	0.31	D	2.23	19.15	3.97
SFE76	37	39.96	122	28.96	583.0	979934.68	P323	26.67	6.79	0.16	D	2.72	9.26	-5.67
SFE77	37	39.67	122	28.85	613.0	979935.23	P323	30.47	9.56	0.58	D	3.23	12.53	-2.44
SFE78	37	39.79	122	28.71	609.0	979932.52	P323	27.21	6.44	0.13	D	2.62	8.80	-6.03
SFE79	37	39.57	122	28.61	590.0	979935.22	P323	28.44	8.32	0.11	D	2.45	10.52	-4.30
SFE80	37	39.40	122	28.59	569.0	979937.92	P323	29.42	10.01	0.23	D	2.48	12.25	-2.61
SFE81	37	39.21	122	28.46	674.0	979933.16	P323	34.80	11.82	0.43	D	3.13	14.66	-0.17
SFE82	37	39.27	122	28.70	480.0	979947.92	P323	31.23	14.86	0.41	D	2.45	17.10	2.13
SFE83	37	39.06	122	28.55	630.0	979939.56	P323	37.28	15.80	0.46	D	3.02	18.55	3.61
SFE84	37	39.10	122	28.38	638.0	979936.84	P323	35.26	13.50	0.18	D	2.63	15.86	1.06
SFE85	37	38.77	122	28.61	513.0	979949.73	P323	36.87	19.38	0.85	D	3.01	22.17	7.10
SFE86	37	39.92	122	28.41	467.0	979939.84	P323	20.98	5.06	0.14	D	2.00	6.86	-7.68
SFE87	37	39.86	122	28.05	365.0	979947.32	P323	18.96	6.51	0.07	D	1.70	8.05	-6.24
SFE88	37	41.58	122	27.64	263.3	979956.89	E223	16.45	7.47	0.10	D	1.63	8.99	-4.44
SFE89	37	41.76	122	27.65	327.6	979953.75	E223	19.09	7.92	0.17	D	1.71	9.49	-3.89
SFE90	37	41.93	122	27.66	363.8	979951.76	E223	22.15	9.06	0.24	D	1.83	10.72	-2.62

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFE91	37	42.15	122	27.66	396.6	979952.91	E223	24.17	10.65	0.23	D	1.81	12.29	-0.99
SFE92	37	42.29	122	27.52	425.9	979951.82	E223	25.64	11.11	0.18	D	1.77	12.70	-0.44
SFE93	37	42.14	122	27.15	559.0	979942.58	P323	29.13	10.07	0.60	D	2.52	12.35	-0.61
SFE94	37	42.42	122	27.03	356.0	979955.25	P323	22.30	10.16	0.14	D	1.68	11.69	-1.06
SFE95	37	42.37	122	27.68	390.3	979954.22	E223	24.57	11.26	0.11	D	1.65	12.74	-0.48
SFE96	37	42.40	122	27.94	297.7	979958.74	E223	20.34	10.19	0.09	D	1.52	11.58	-1.79
SFE97	37	42.19	122	27.93	302.0	979957.80	P323	20.11	9.81	0.07	D	1.53	11.21	-2.22
SFE98	37	42.19	122	28.11	254.0	979959.39	P323	17.18	8.52	0.06	D	1.47	9.88	-3.87
SFE99	37	42.30	122	28.11	252.0	979961.21	P323	18.65	10.06	0.06	D	1.46	11.41	-2.10
SFF00	37	41.96	122	28.18	211.0	979960.05	P323	14.14	6.94	0.05	D	1.44	8.29	-5.37
SFF01	37	41.97	122	27.89	295.1	979955.92	E223	17.90	7.84	0.08	D	1.56	9.27	-4.21
SFF02	37	41.81	122	28.01	242.0	979957.99	P323	15.21	6.96	0.05	D	1.48	8.33	-5.28
SFF03	37	41.49	122	27.95	190.0	979960.56	P323	13.36	6.88	0.04	D	1.48	8.28	-5.38
SFF04	37	41.38	122	28.08	177.0	979960.58	P323	12.31	6.28	0.02	D	1.44	7.64	-6.15
SFF05	37	41.38	122	27.79	197.0	979960.02	P323	13.63	6.92	0.04	D	1.51	8.34	-5.25
SFF06	37	40.35	122	28.24	279.0	979952.80	P323	15.63	6.11	0.07	D	1.60	7.59	-6.65
SFF07	37	40.15	122	28.06	290.0	979952.77	P323	16.93	7.04	0.10	D	1.63	8.54	-5.83
SFF08	37	40.16	122	28.46	416.0	979942.51	P323	18.50	4.32	0.18	D	1.93	6.07	-8.40
SFF09	37	40.14	122	28.74	540.0	979934.67	P323	22.36	3.94	0.20	D	2.38	6.09	-8.61
SFF10	37	39.72	122	28.21	424.0	979943.25	P323	20.64	8.18	0.11	D	1.85	7.84	-6.62
SFF11	37	39.57	122	28.34	521.0	979937.82	P323	24.55	6.78	0.09	D	2.08	8.64	-5.98
SFF12	37	39.44	122	28.26	518.0	979938.88	P323	25.51	7.85	0.10	D	2.06	9.69	-4.90
SFF13	37	39.20	122	28.16	613.0	979933.92	P323	29.84	8.94	0.04	D	2.31	10.98	-3.63
SFF14	37	39.03	122	28.14	636.0	979934.45	P323	32.79	11.09	0.02	D	2.36	13.18	-1.48
SFF15	37	39.02	122	27.99	608.0	979934.66	P323	30.38	9.64	0.04	D	2.23	11.61	-2.94
SFF16	37	39.01	122	27.72	527.0	979939.22	P323	27.33	9.35	0.07	D	2.01	11.14	-3.20
SFF17	37	38.99	122	27.47	446.0	979944.50	P323	25.02	9.81	0.10	D	1.87	11.49	-2.67
SFF18	37	39.03	122	27.26	378.0	979949.07	P323	23.14	10.25	0.19	D	1.83	11.91	-2.08
SFF19	37	39.17	122	27.14	293.0	979954.50	P323	20.37	10.38	0.29	D	1.82	12.07	-1.79
SFF20	37	39.21	122	27.48	493.0	979941.15	P323	25.77	8.96	0.36	D	2.30	11.04	-3.07
SFF21	37	39.42	122	27.72	464.0	979942.27	P323	23.86	8.03	0.50	D	2.33	10.16	-4.05
SFF22	37	39.22	122	27.68	590.0	979934.27	P323	28.00	7.88	0.24	D	2.51	10.13	-4.13
SFF23	37	39.28	122	27.97	583.0	979934.86	P323	27.87	7.99	0.04	D	2.20	9.94	-4.51
SFF24	37	39.42	122	28.03	552.0	979936.11	P323	25.97	7.15	0.11	D	2.18	9.09	-5.34
SFF25	37	39.73	122	27.91	392.0	979948.09	P323	20.45	7.08	0.35	D	2.02	8.93	-5.30
SFF26	37	40.38	122	27.79	172.0	979960.35	P323	13.07	7.21	0.16	D	1.65	8.78	-5.12
SFF28	37	39.93	122	27.60	204.0	979959.05	P223	15.44	8.48	0.15	D	1.63	10.02	-3.89
SFF29	37	39.97	122	27.82	309.0	979951.71	P323	17.91	7.38	0.09	D	1.62	8.86	-5.22
SFF30	37	39.83	122	27.76	291.0	979953.03	P323	17.74	7.82	0.22	D	1.76	9.45	-4.62
SFF31	37	39.70	122	27.68	183.0	979960.51	P223	15.26	9.02	0.33	D	1.97	10.91	-3.15
SFF32	37	39.52	122	27.41	199.5	979960.01	P323	16.57	9.77	0.32	D	1.90	11.58	-2.36
SFF33	37	39.85	122	27.32	120.0	979965.24	P223	13.85	9.75	0.08	D	1.63	11.33	-2.41
SFF34	37	40.06	122	27.39	180.0	979960.73	P323	14.68	8.54	0.03	D	1.48	9.94	-3.76
SFF35	37	40.18	122	27.12	130.0	979964.51	P323	13.57	9.14	0.04	D	1.55	10.63	-2.86
SFF36	37	39.97	122	27.13	98.4	979966.61	P223	13.01	9.65	0.17	D	1.71	11.32	-2.26
SFF37	37	39.84	122	27.02	130.0	979964.86	E323	14.42	9.99	0.03	D	1.51	11.44	-2.09
SFF38	37	39.62	122	27.19	152.0	979962.60	P223	14.55	9.37	0.07	D	1.58	10.88	-2.85
SFF39	37	39.63	122	26.97	161.5	979963.39	P323	16.22	10.71	0.02	D	1.46	12.10	-1.47
SFF40	37	39.43	122	27.06	187.5	979961.77	P323	17.34	10.94	0.07	D	1.54	12.40	-1.29
SFF41	37	39.46	122	26.00	38.0	979972.37	P323	13.83	12.53	0.01	D	1.62	14.13	1.21
SFF42	37	39.67	122	25.91	107.0	979968.91	P323	16.55	12.90	0.05	D	1.59	14.45	1.64
SFF43	37	39.82	122	25.80	142.0	979967.60	P223	18.32	13.47	0.06	D	1.64	15.05	2.35
SFF44	37	40.16	122	26.20	156.0	979965.51	P323	17.05	11.73	0.07	D	1.82	13.48	0.62
SFF45	37	40.02	122	26.30	123.2	979966.93	P323	15.59	11.39	0.06	D	1.70	13.03	0.04
SFF46	37	39.88	122	26.45	77.0	979969.33	P323	13.84	11.22	0.05	D	1.67	12.85	-0.27
SFF47	37	39.79	122	26.68	74.4	979969.16	P323	13.56	11.03	0.08	D	1.65	12.64	-0.68
SFF48	37	46.06	122	27.57	260.0	979971.10	P323	23.81	14.94	0.04	D	1.40	16.23	4.38
SFF49	37	45.96	122	27.72	269.0	979970.52	P323	24.23	15.05	0.07	D	1.45	16.39	4.38
SFF50	37	46.18	122	27.82	257.0	979971.67	P323	23.93	15.16	0.04	D	1.34	16.39	4.41
SFF51	37	46.16	122	28.12	244.0	979971.83	P323	22.90	14.58	0.03	D	1.32	15.79	3.62
SFF52	37	46.08	122	28.72	202.0	979972.09	P323	19.32	12.43	0.06	D	1.32	13.66	1.09
SFF53	37	46.11	122	29.00	186.0	979970.86	P323	16.54	10.20	0.11	D	1.35	11.47	-1.25
SFF54	37	46.06	122	29.28	183.0	979970.94	P323	16.41	10.17	0.16	D	1.40	11.49	-1.45
SFF55	37	45.97	122	29.50	155.0	979973.07	P323	16.04	10.75	0.06	D	1.31	11.99	-1.14
SFF56	37	46.01	122	30.31	71.0	979976.94	P323	11.95	9.53	0.05	D	1.30	10.80	-2.82
SFF57	37	46.15	122	30.43	41.0	979978.75	P323	10.74	9.34	0.03	D	1.27	10.59	-3.03
SFF58	37	46.07	122	30.05	79.0	979977.10	P323	12.78	10.08	0.01	D	1.26	11.31	-2.10
SFF59	37	46.08	122	29.78	120.0	979974.40	P323	13.92	9.83	0.15	D	1.39	11.16	-2.08
SFF60	37	46.22	122	29.57	130.0	979973.60	P323	13.86	9.42	0.05	D	1.28	10.65	-2.41
SFF61	37	46.26	122	29.33	131.0	979974.12	P323	14.41	9.94	0.03	D	1.26	11.14	-1.75

TABLE 3.—*New gravity data on the northern San Francisco Peninsula, California—Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFF62	37	46.25	122	29.13	149.0	979973.32	P323	15.32	10.24	0.06	D	1.28	11.45	-1.31
SFF63	37	46.21	122	28.71	231.0	979970.99	P323	20.75	12.88	0.11	D	1.38	14.16	1.64
SFF64	37	45.09	122	27.60	396.1	979963.02	E223	29.96	16.45	0.45	D	2.07	18.35	6.09
SFF65	37	45.08	122	27.32	479.4	979956.99	E223	31.77	15.42	0.19	D	1.84	17.05	4.95
SFF66	37	45.15	122	26.79	835.3	979935.15	E223	43.30	14.81	0.88	D	4.25	18.71	6.94
SFF67	37	44.81	122	26.92	628.4	979947.50	E223	36.69	15.26	0.33	D	2.30	17.29	5.35
SFF68	37	44.53	122	27.34	533.2	979952.81	E223	33.45	15.27	0.28	D	1.98	17.02	4.73
SFF69	37	44.66	122	27.49	524.1	979953.42	E223	33.02	15.14	0.21	D	1.93	16.85	4.51
SFF70	37	44.80	122	27.45	466.0	979957.10	E223	31.03	15.14	0.12	D	1.76	16.70	4.44
SFF71	37	46.19	122	28.40	289.0	979968.76	P323	24.01	14.16	0.22	D	1.55	15.58	3.24
SFF72	37	45.41	122	27.56	586.8	979950.64	E223	35.04	15.03	1.36	D	3.32	18.10	5.96
SFF73	37	45.23	122	27.54	611.7	979949.17	E223	36.17	15.31	0.85	D	2.83	17.88	5.69
SFF74	37	45.07	122	27.07	580.6	979951.41	E223	35.72	15.92	0.42	D	2.24	17.91	5.97
SFF75	37	44.94	122	27.64	496.8	979955.71	E223	32.34	15.39	0.31	D	1.98	17.16	4.83
SFF76	37	45.05	122	28.07	720.9	979940.83	E223	38.37	13.78	0.48	D	3.21	16.69	4.09
SFF77	37	44.48	122	27.12	629.7	979946.68	E223	36.48	15.00	0.30	D	2.29	17.02	4.85
SFF78	37	44.36	122	26.96	693.4	979942.31	E223	38.27	14.62	0.33	D	2.69	17.02	4.91
SFF79	37	44.19	122	27.19	766.5	979935.00	E223	38.08	11.94	0.63	D	3.52	15.14	2.82
SFF80	37	43.98	122	26.87	354.6	979960.32	P323	24.97	12.88	0.42	D	1.92	14.64	2.49
SFF81	37	38.97	122	29.50	81.0	979977.71	E223	23.93	21.17	0.11	D	1.80	22.93	7.30
SFF82	37	38.95	122	29.05	189.0	979971.02	E223	27.43	20.98	0.23	D	2.07	22.97	7.68
SFF83	37	39.27	122	29.08	241.0	979965.08	P323	25.91	17.69	0.51	D	2.35	19.94	4.73
SFF84	37	39.41	122	29.31	270.0	979963.33	P423	26.69	17.48	0.51	D	2.39	19.75	4.41
SFF85	37	38.34	122	29.49	38.0	979980.37	P323	23.46	22.16	0.05	D	1.74	23.89	8.06
SFF86	37	38.15	122	29.47	35.0	979979.40	P323	22.49	21.29	0.03	D	1.74	23.02	7.15
SFF87	37	37.80	122	29.57	14.2	979981.61	P223	23.25	22.76	0.01	D	1.71	24.47	8.40
SFF88	37	37.84	122	29.08	75.8	979976.84	E223	24.22	21.63	0.39	D	2.27	23.87	8.19
SFF89	37	38.15	122	28.73	222.0	979967.21	E223	27.89	20.32	1.56	D	3.43	23.65	8.35
SFF90	37	40.15	122	25.21	228.5	979963.43	P323	21.80	14.01	0.44	D	2.39	16.30	4.11
SFF91	37	40.03	122	24.60	137.5	979969.02	E223	19.01	14.32	0.34	D	2.30	16.56	4.74
SFF92	37	39.89	122	24.20	132.2	979969.72	P323	19.41	14.90	0.37	D	2.02	16.86	5.26
SFF93	37	39.70	122	24.40	47.7	979974.98	P223	17.00	15.38	0.08	D	1.73	17.09	5.32
SFF94	37	39.45	122	24.64	63.0	979974.71	P323	18.53	16.39	0.07	D	1.50	17.86	5.85
SFF95	37	39.66	122	24.68	187.3	979967.07	E323	22.28	15.89	0.29	D	1.73	17.54	5.55
SFF96	37	39.64	122	25.17	147.7	979968.27	E223	19.79	14.75	0.24	D	1.72	16.40	4.08
SFF97	37	39.49	122	25.09	73.0	979972.86	P323	17.57	15.08	0.10	D	1.62	16.67	4.37
SFF98	37	39.26	122	25.16	17.3	979976.00	P223	15.81	15.22	0.02	D	1.55	16.76	4.36
SFF99	37	39.27	122	24.93	30.0	979976.43	P323	17.41	16.39	0.06	D	1.54	17.92	5.67
SFG00	37	39.06	122	25.02	12.0	979976.34	P323	15.94	15.53	0.01	D	1.47	16.99	4.62
SFG01	37	39.08	122	25.33	17.9	979974.87	P223	14.99	14.38	0.01	D	1.52	15.89	3.33
SFG02	37	39.03	122	25.65	41.6	979972.33	P223	14.76	13.34	0.02	D	1.50	14.82	2.01
SFG03	37	39.12	122	25.95	62.4	979970.67	P223	14.92	12.79	0.03	D	1.51	14.27	1.29
SFG04	37	40.03	122	25.57	246.7	979962.36	P323	22.62	14.20	0.48	D	2.16	16.26	3.76
SFG05	37	39.90	122	25.41	313.3	979958.81	P223	25.52	14.83	0.43	D	2.00	16.70	4.26
SFG06	37	39.83	122	25.65	151.8	979967.78	P323	19.40	14.22	0.19	D	1.80	15.96	3.35
SFG07	37	39.66	122	25.71	96.1	979970.07	P323	16.70	13.43	0.07	D	1.65	15.03	2.34
SFG08	37	39.71	122	25.45	118.0	979969.83	P223	18.45	14.43	0.26	D	1.86	16.23	3.73
SFG09	37	39.48	122	25.32	67.8	979972.28	P223	16.52	14.20	0.07	D	1.60	15.77	3.31
SFG10	37	39.30	122	25.38	22.2	979974.89	P223	15.09	14.34	0.02	D	1.60	15.93	3.38
SFG11	37	39.41	122	25.57	27.9	979974.27	P223	14.85	13.90	0.05	D	1.67	15.56	2.90
SFG12	37	39.46	122	25.78	33.3	979973.27	P323	14.28	13.15	0.04	D	1.66	14.79	2.01
SFG13	37	39.24	122	26.10	51.2	979971.33	P223	14.36	12.61	0.03	D	1.57	14.16	1.11
SFG14	37	38.90	122	25.98	72.3	979969.82	P323	15.32	12.86	0.02	D	1.50	14.32	1.25
SFG15	37	38.73	122	25.80	68.5	979970.25	P223	15.64	13.31	0.03	D	1.49	14.77	1.78
SFG17	37	38.44	122	25.96	135.0	979965.65	F423	17.72	13.12	0.10	D	1.53	14.59	1.39
SFG18	37	38.30	122	25.90	84.3	979969.12	P223	16.63	13.75	0.06	D	1.59	15.30	2.13
SFG19	37	38.48	122	25.63	49.7	979971.41	P323	15.39	13.70	0.04	D	1.53	15.21	2.27
SFG20	37	41.28	122	27.11	307.7	979955.15	P223	19.32	8.83	0.21	D	2.01	10.71	-2.45
SFG21	37	41.18	122	26.92	344.0	979953.27	P223	21.01	9.28	0.25	D	2.17	11.30	-1.77
SFG22	37	41.17	122	26.75	410.4	979949.61	P223	23.60	9.60	0.58	D	2.60	12.03	-0.94
SFG23	37	41.03	122	27.17	249.3	979957.67	P223	16.71	8.21	0.06	D	1.74	9.84	-3.43
SFG24	37	41.15	122	27.14	285.5	979956.17	P223	18.45	8.71	0.07	D	1.81	10.39	-2.83
SFG25	37	40.75	122	26.94	246.4	979957.88	P223	17.06	8.66	0.07	D	1.76	10.31	-2.90
SFG26	37	40.90	122	26.81	321.8	979953.91	P223	19.97	8.99	0.13	D	1.99	10.84	-2.24
SFG27	37	40.65	122	26.76	257.5	979958.13	P223	18.50	9.72	0.15	D	1.88	11.48	-1.63
SFG28	37	40.42	122	26.76	191.8	979961.73	P223	16.26	9.71	0.06	D	1.69	11.32	-1.85
SFG29	37	40.33	122	26.88	175.7	979962.06	P223	15.20	9.21	0.07	D	1.62	10.75	-2.53
SFG30	37	40.25	122	26.64	167.6	979963.29	P223	15.79	10.07	0.05	D	1.66	11.66	-1.48
SFG31	37	40.11	122	26.48	156.7	979964.40	P223	16.08	10.73	0.05	D	1.63	12.29	-0.79
SFG32	37	40.38	122	27.23	103.1	979965.87	P223	12.11	8.60	0.10	D	1.70	10.25	-3.25

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFG33	37	40.21	122	27.31	165.2	979961.80	P223	14.13	8.50	0.04	D	1.50	9.93	-3.67
SFG34	37	40.25	122	27.45	179.3	979960.56	P223	14.16	8.04	0.05	D	1.50	9.47	-4.22
SFG35	37	40.13	122	27.63	237.7	979956.36	P223	15.62	7.52	0.13	D	1.58	8.99	-4.87
SFG36	37	40.56	122	27.00	190.1	979961.06	P223	15.22	8.74	0.07	D	1.66	10.31	-3.00
SFG37	37	40.48	122	27.32	103.0	979965.79	P223	11.88	8.36	0.05	D	1.65	9.97	-3.57
SFG38	37	40.40	122	27.45	141.5	979962.97	P223	12.79	7.97	0.09	D	1.59	9.49	-4.16
SFG39	37	40.27	122	27.75	223.3	979956.96	P223	14.67	7.05	0.16	D	1.61	8.56	-5.34
SFG40	37	40.43	122	27.67	158.1	979961.42	P223	12.76	7.37	0.08	D	1.57	8.87	-4.93
SFG41	37	40.50	122	27.58	140.4	979962.84	P223	12.41	7.62	0.08	D	1.57	9.13	-4.59
SFG42	37	40.75	122	27.49	150.4	979962.55	P223	12.70	7.57	0.05	D	1.57	9.08	-4.50
SFG43	37	40.81	122	27.38	169.0	979961.61	P223	13.43	7.66	0.05	D	1.59	9.18	-4.31
SFG44	37	40.89	122	27.27	204.5	979959.78	P223	14.82	7.85	0.05	D	1.63	9.39	-4.00
SFG45	37	40.82	122	27.92	199.9	979958.55	P223	13.26	6.44	0.07	D	1.51	7.86	-6.00
SFG46	37	40.87	122	28.09	228.2	979956.17	P223	13.46	5.68	0.11	D	1.55	7.13	-6.83
SFG47	37	41.53	122	26.83	954.4	979913.25	P223	37.88	5.33	2.77	D	7.12	12.06	-0.91
SFG48	37	41.39	122	26.44	1009.3	979911.60	P223	41.60	7.18	1.13	D	5.51	12.27	-0.47
SFG49	37	38.49	122	26.85	405.2	979948.36	P223	25.77	11.95	0.30	D	1.99	13.76	-0.09
SFG50	37	38.29	122	26.69	482.9	979943.13	P223	28.14	11.67	0.29	D	2.20	13.67	-0.14
SFG51	37	38.24	122	27.05	420.6	979947.23	P223	26.45	12.11	0.10	D	1.82	13.75	-0.33
SFG52	37	38.37	122	27.28	396.3	979948.89	P223	25.64	12.13	0.20	D	1.91	13.86	-0.33
SFG53	37	38.25	122	27.34	421.0	979948.04	P223	27.29	12.93	0.27	D	2.01	14.76	0.47
SFG54	37	38.06	122	27.26	522.1	979943.02	P223	32.06	14.25	0.22	D	2.09	16.12	1.82
SFG55	37	38.02	122	26.94	495.5	979943.13	P223	29.72	12.82	0.10	D	1.95	14.56	0.48
SFG56	37	38.08	122	26.70	485.0	979942.92	P223	28.43	11.89	0.32	D	2.20	13.89	0.01
SFG57	37	38.04	122	26.53	309.0	979955.58	P323	24.60	14.06	0.38	D	2.03	15.95	2.21
SFG58	37	38.16	122	26.35	210.2	979961.57	P323	21.12	13.95	0.27	D	1.88	15.74	2.16
SFG59	37	38.65	122	26.17	101.9	979967.94	P223	16.59	13.12	0.08	D	1.60	14.67	1.39
SFG60	37	38.64	122	26.45	185.5	979962.47	P223	19.00	12.67	0.12	D	1.62	14.21	0.71
SFG61	37	38.42	122	26.38	219.7	979960.22	P223	20.28	12.79	0.18	D	1.70	14.39	0.87
SFG62	37	38.27	122	26.29	187.1	979962.57	P223	19.78	13.40	0.15	D	1.72	15.04	1.55
SFG63	37	38.44	122	26.14	119.8	979967.17	P223	17.81	13.73	0.09	D	1.62	15.29	1.98
SFG64	37	38.00	122	27.49	625.0	979940.94	P323	39.74	18.43	0.11	D	2.25	20.41	5.91
SFG65	37	38.12	122	27.62	700.2	979936.12	P223	41.82	17.93	0.28	D	2.77	20.41	5.83
SFG66	37	37.80	122	27.55	695.0	979938.45	P323	44.12	20.42	0.18	D	2.55	22.68	8.05
SFG67	37	37.68	122	27.39	690.3	979938.34	P223	43.75	20.21	0.46	D	2.79	22.71	8.16
SFG68	37	37.85	122	27.17	608.2	979939.82	E223	37.26	16.52	0.21	D	2.30	18.56	4.24
SFG69	37	37.69	122	27.11	589.1	979941.99	P223	37.87	17.77	0.19	D	2.22	19.74	5.41
SFG70	37	37.49	122	27.26	614.9	979942.80	P223	41.39	20.42	0.18	D	2.30	22.46	7.96
SFG71	37	37.54	122	26.92	498.0	979946.72	P323	34.25	17.26	0.32	D	2.21	19.26	5.06
SFG72	37	37.55	122	26.61	469.0	979945.39	P323	30.18	14.18	0.09	D	1.94	15.92	1.95
SFG73	37	37.68	122	26.75	555.8	979940.20	P323	32.96	14.00	0.22	D	2.24	16.01	1.96
SFG74	37	37.81	122	26.92	539.1	979941.14	P323	32.13	13.75	0.12	D	2.05	15.57	1.43
SFG75	37	37.89	122	26.75	412.0	979948.51	P323	27.43	13.38	0.21	D	1.96	15.16	1.19
SFG76	37	37.79	122	26.51	396.5	979949.81	P323	27.42	13.90	0.24	D	1.98	15.71	1.89
SFG77	37	37.99	122	26.26	194.3	979962.33	P323	20.64	14.01	0.29	D	1.93	15.85	2.30
SFG78	37	37.67	122	26.39	456.0	979945.54	P323	28.92	13.37	0.46	D	2.29	15.46	1.69
SFG79	37	37.80	122	26.11	225.6	979959.84	P323	21.36	13.67	0.17	D	1.78	15.35	1.84
SFG80	37	37.50	122	26.38	425.4	979947.64	P323	28.39	13.89	0.30	D	2.07	15.77	1.95
SFG81	37	37.64	122	26.19	224.2	979960.86	P223	22.49	14.84	0.39	D	2.09	16.83	3.23
SFG82	37	38.01	122	25.66	120.0	979966.50	P323	17.79	13.69	0.03	D	1.48	15.12	2.02
SFG83	37	38.46	122	25.41	56.1	979970.98	P223	15.60	13.69	0.02	D	1.45	15.11	2.30
SFG84	37	38.25	122	25.67	82.9	979969.17	P223	16.61	13.79	0.03	D	1.50	15.25	2.22
SFG85	37	38.73	122	25.48	25.7	979973.22	P223	14.59	13.71	0.02	D	1.52	15.22	2.45
SFG86	37	38.83	122	25.35	27.5	979973.41	P223	14.80	13.86	0.01	D	1.48	15.33	2.67
SFG87	37	39.40	122	24.39	22.0	979976.71	P223	16.75	16.00	0.02	D	1.46	17.45	5.60
SFG88	37	39.25	122	24.56	27.2	979977.05	P323	17.80	16.88	0.03	D	1.42	18.28	6.26
SFG89	37	38.84	122	24.85	10.2	979976.04	P223	15.79	15.44	0.01	D	1.40	16.83	4.52
SFG90	37	38.89	122	25.06	15.0	979975.28	P223	15.41	14.90	0.01	D	1.44	16.33	3.88
SFG91	37	38.67	122	24.91	12.5	979975.16	P223	15.37	14.95	0.01	D	1.41	16.35	3.96
SFG92	37	38.31	122	24.90	29.4	979973.02	E323	15.35	14.34	0.01	D	1.38	15.71	3.22
SFG93	37	38.45	122	24.68	13.1	979974.95	P323	15.54	15.09	0.01	D	1.34	16.43	4.13
SFG94	37	38.75	122	24.53	9.5	979976.42	P324	16.23	15.91	0.01	D	1.34	17.25	5.13
SFG95	37	38.45	122	24.31	5.7	979976.31	P223	16.20	16.01	0.01	D	1.29	17.30	5.26
SFG96	37	38.24	122	24.62	17.1	979974.01	E223	15.28	14.70	0.01	D	1.33	16.02	3.70
SFG97	37	37.96	122	24.55	16.8	979973.62	E223	15.27	14.70	0.01	D	1.33	16.02	3.67
SFG98	37	37.60	122	24.42	9.8	979973.59	E223	15.10	14.77	0.01	D	1.36	16.13	3.78
SFG99	37	37.51	122	24.84	43.2	979971.58	E223	16.37	14.90	0.02	D	1.46	16.34	3.68
SFH00	37	37.68	122	25.07	79.0	979969.23	P323	17.14	14.45	0.05	D	1.46	15.87	3.08
SFH01	37	37.45	122	25.35	108.8	979967.88	E223	18.93	15.22	0.06	D	1.61	16.78	3.74
SFH02	37	37.88	122	24.90	40.9	979971.51	E223	15.54	14.15	0.01	D	1.40	15.53	2.92

TABLE 3.–*New gravity data on the northern San Francisco Peninsula, California–Continued*

STATION NAME	LAT deg	LAT min	LON deg	LON min	ELEV ft	OG mGal	AC	FAA mGal	SBA mGal	ITC mGal		TC mGal	CBA 2.67	ISO 2.67
SFH03	37	38.27	122	25.13	44.3	979971.69	P323	15.47	13.96	0.02	D	1.41	15.35	2.69
SFH04	37	38.51	122	25.13	37.6	979972.42	P323	15.23	13.95	0.01	D	1.41	15.34	2.74
SFH05	37	38.35	122	23.99	11.7	979976.31	P323	16.92	16.52	0.01	D	1.24	17.75	5.89
SFH06	37	38.76	122	24.08	10.7	979976.38	P323	16.29	15.93	0.01	D	1.26	17.18	5.36
SFH07	37	38.65	122	23.84	9.9	979976.73	P223	16.73	16.39	0.01	D	1.22	17.61	5.94
SFH08	37	38.84	122	23.59	9.0	979976.26	P323	15.89	15.59	0.01	D	1.20	16.78	5.32
SFH09	37	38.95	122	23.94	2.9	979976.62	P223	15.52	15.43	0.01	D	1.25	16.67	5.00
SFH10	37	39.43	122	23.26	40.2	979975.34	P323	17.05	15.68	0.04	D	1.22	16.88	5.80

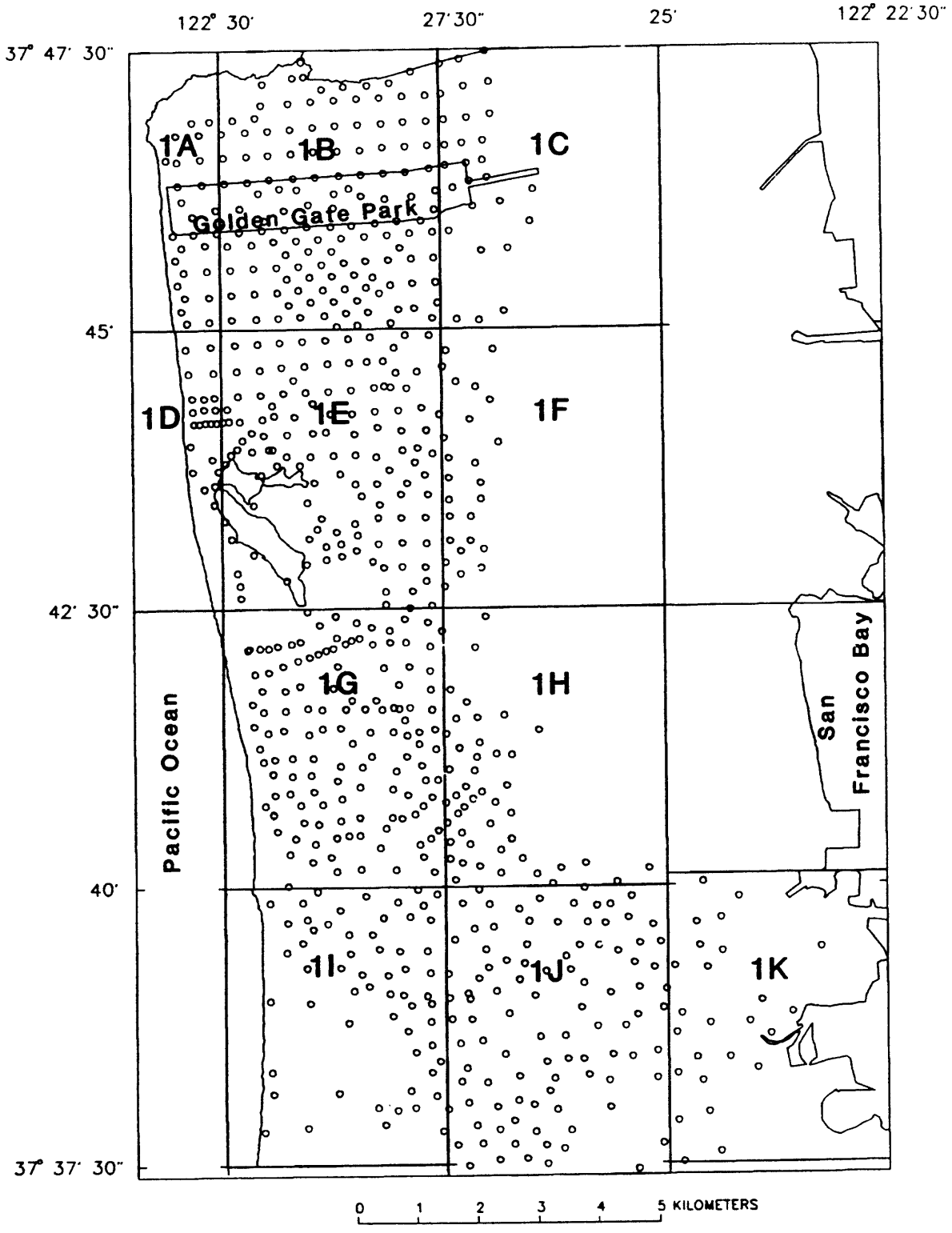

Figure 1. -- Index to maps showing gravity station locations.

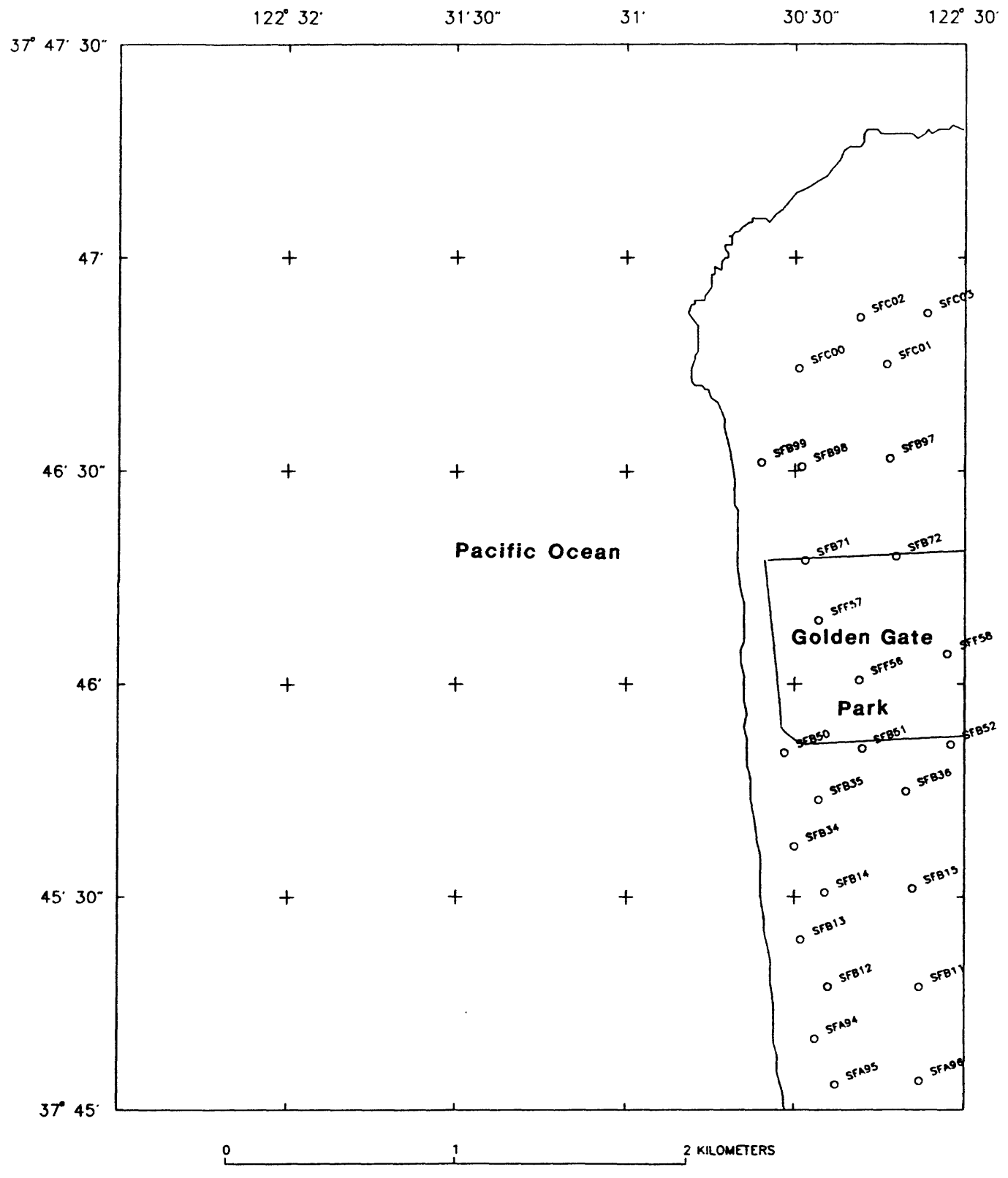

Figure 1A. -- Gravity station locations.

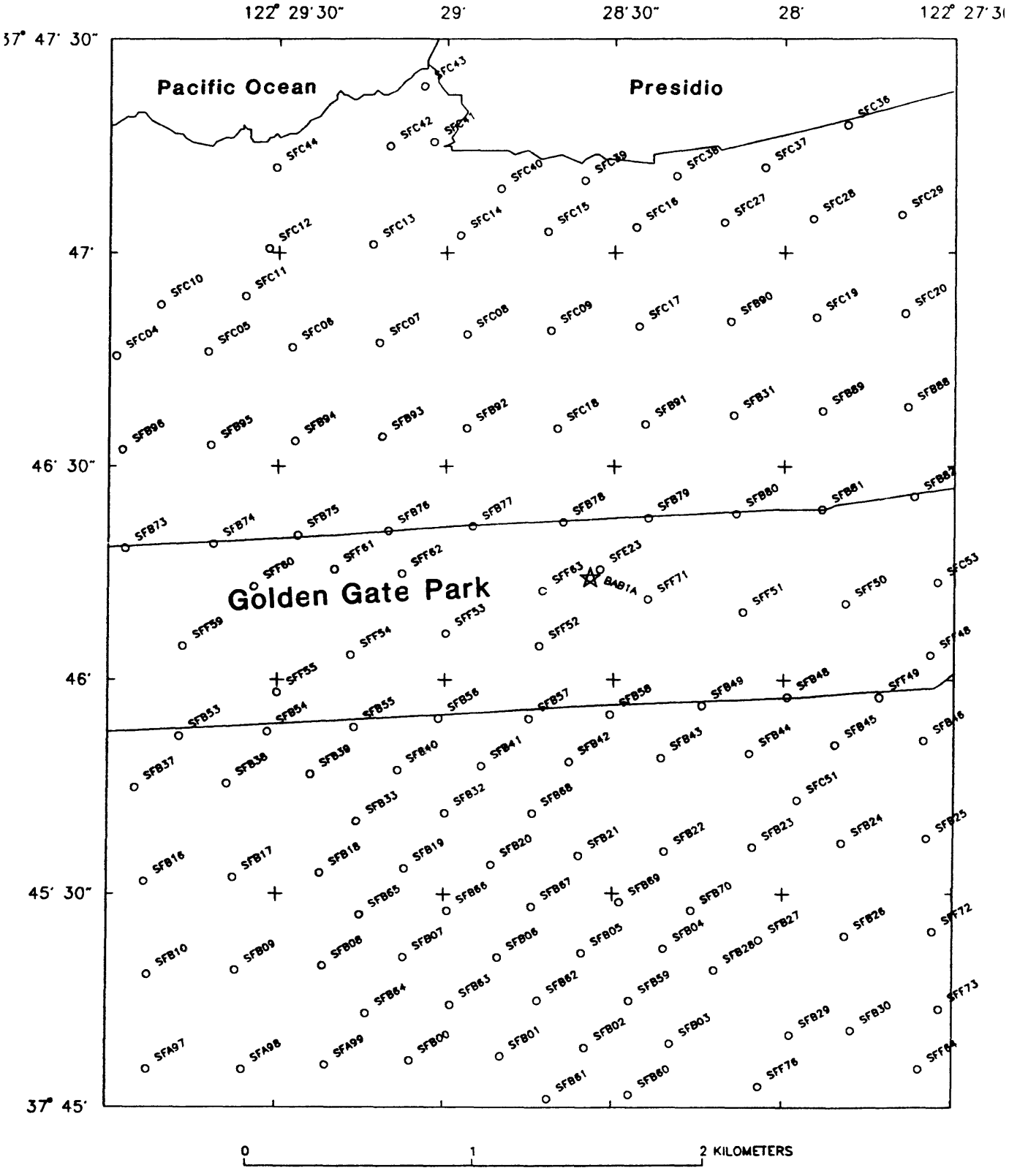

Figure 1B. -- Gravity station locations. Star indicates base station.

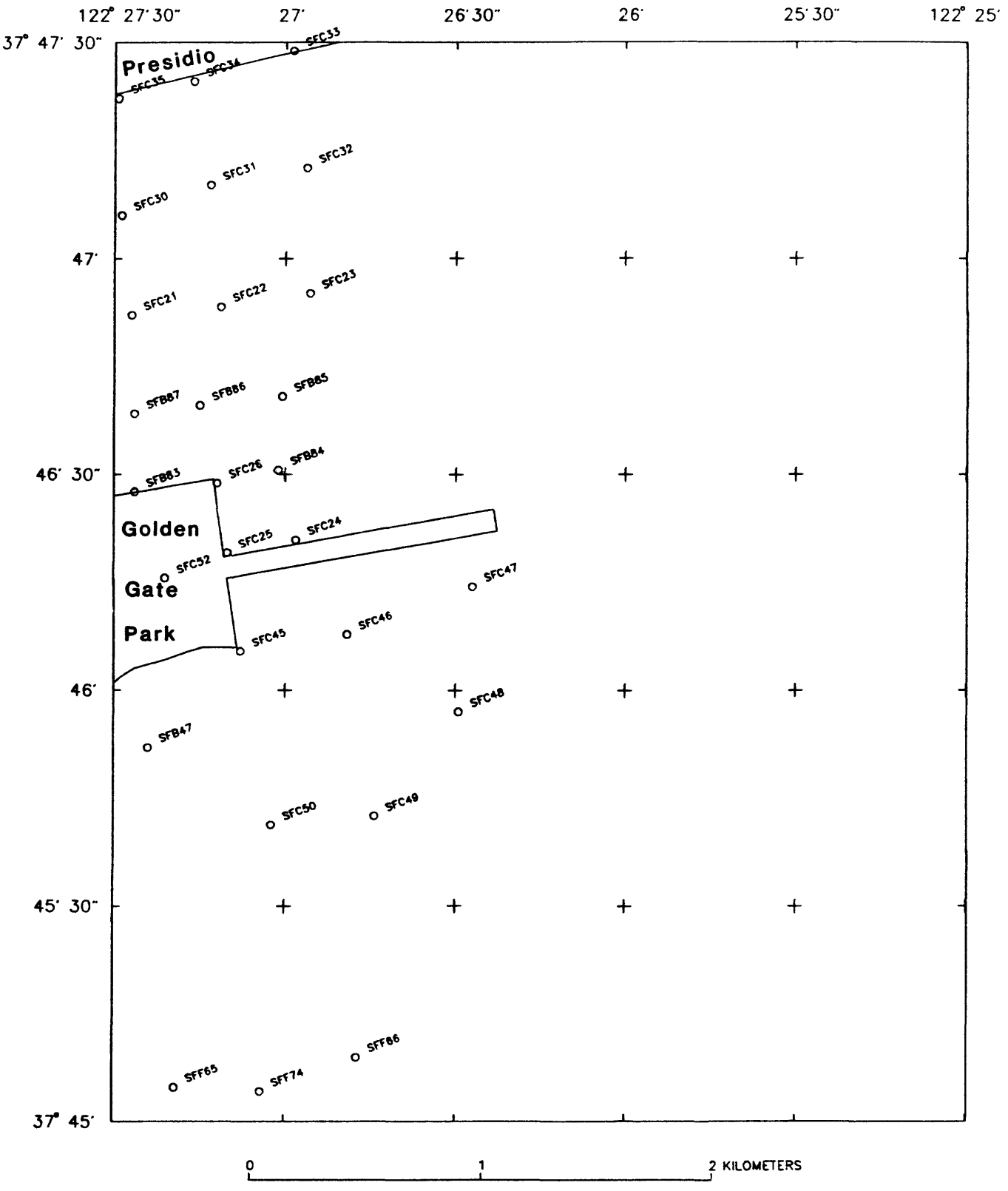

Figure 1C. -- Gravity station locations.

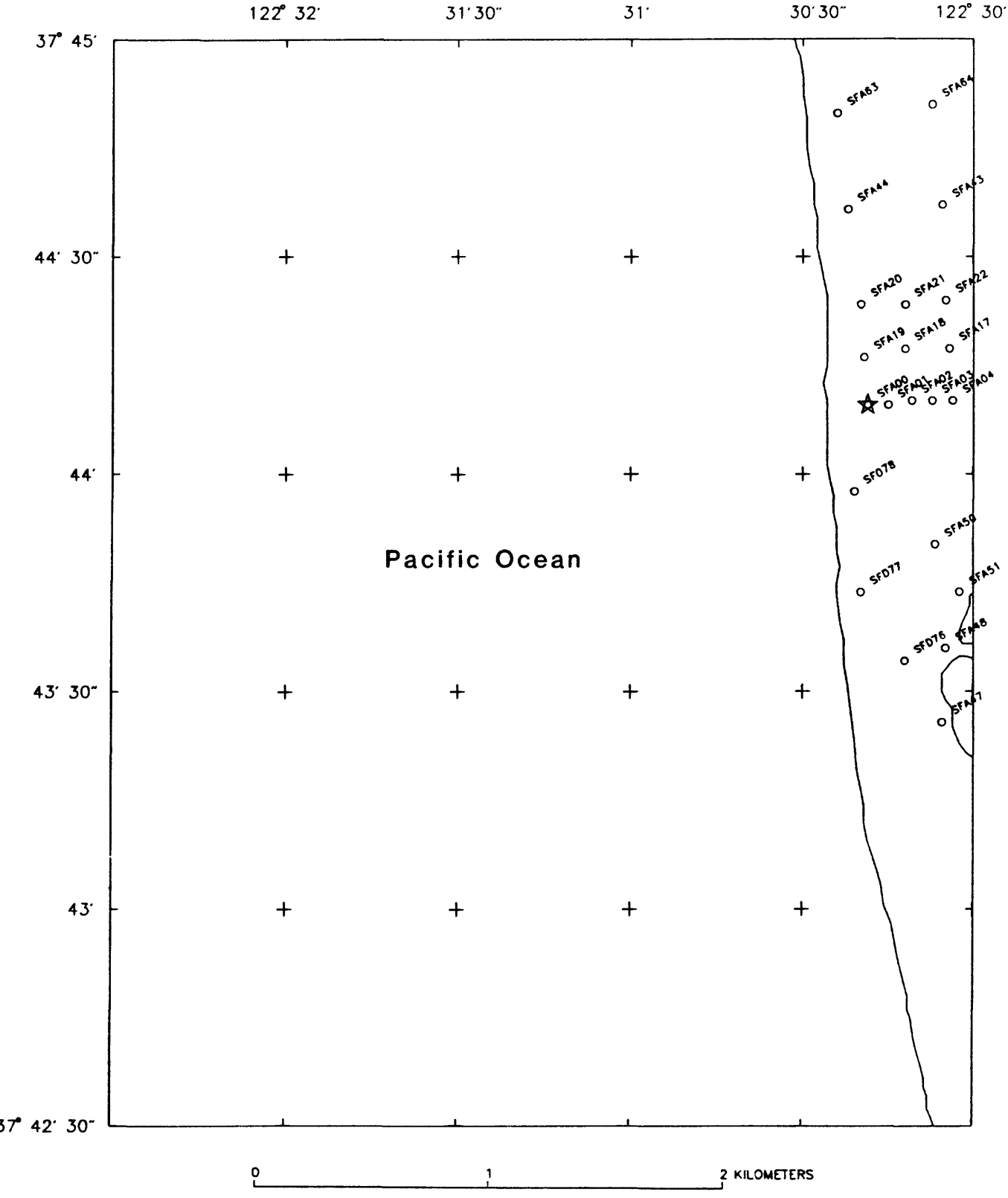

Figure 1D. -- Gravity station locations. Star indicates base station.

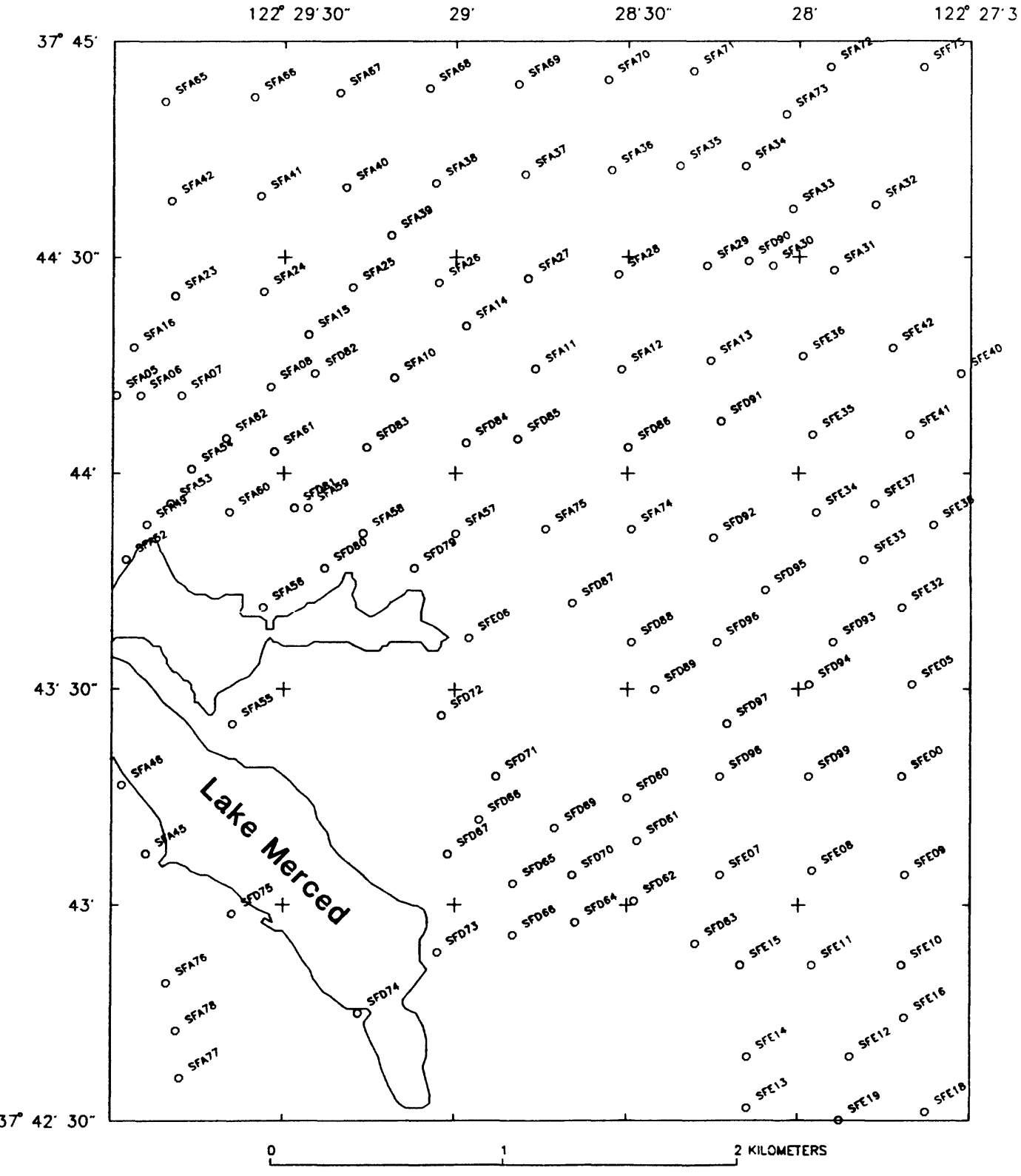

Figure 1E. -- Gravity station locations.

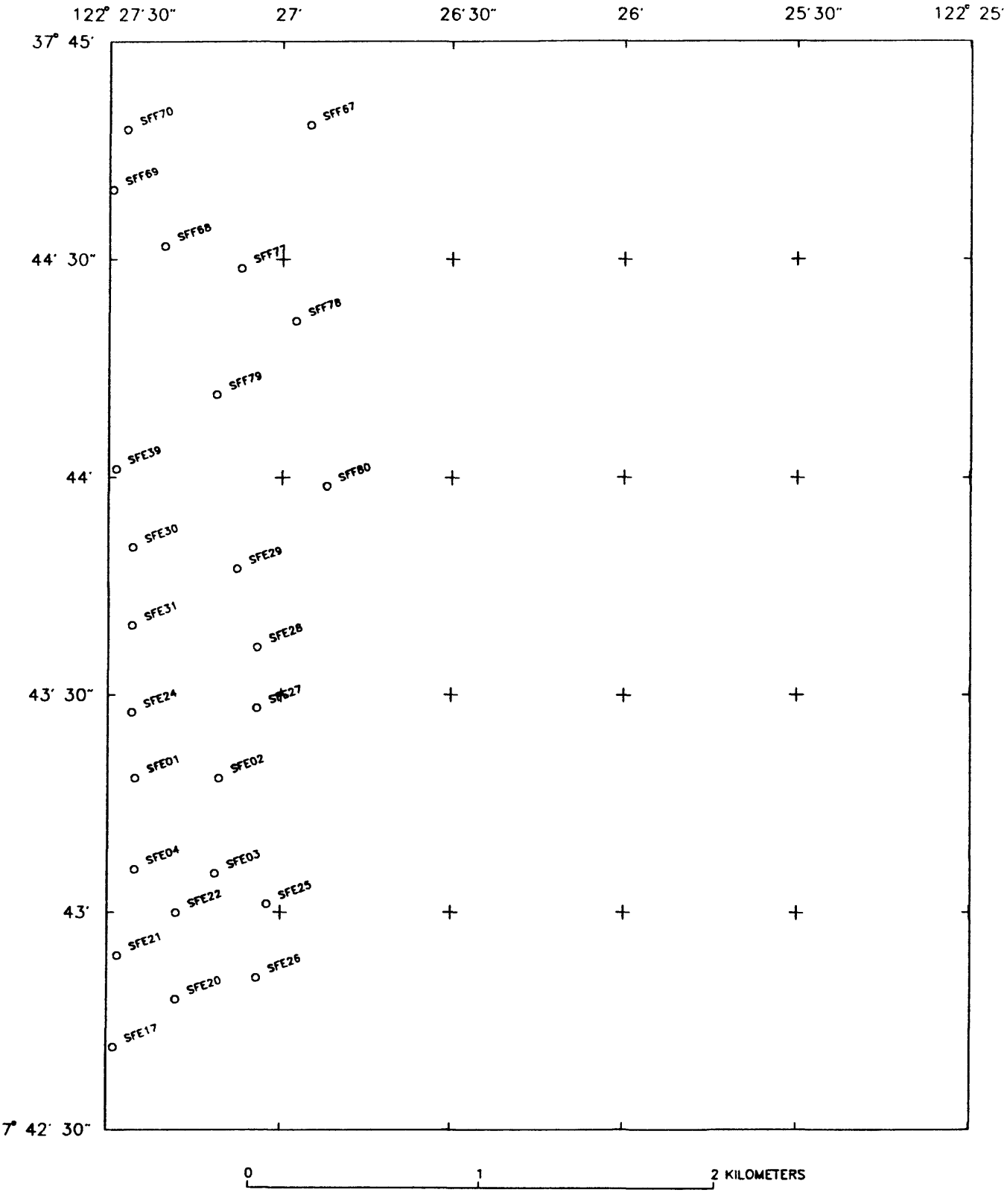

Figure 1F. -- Gravity station locations.

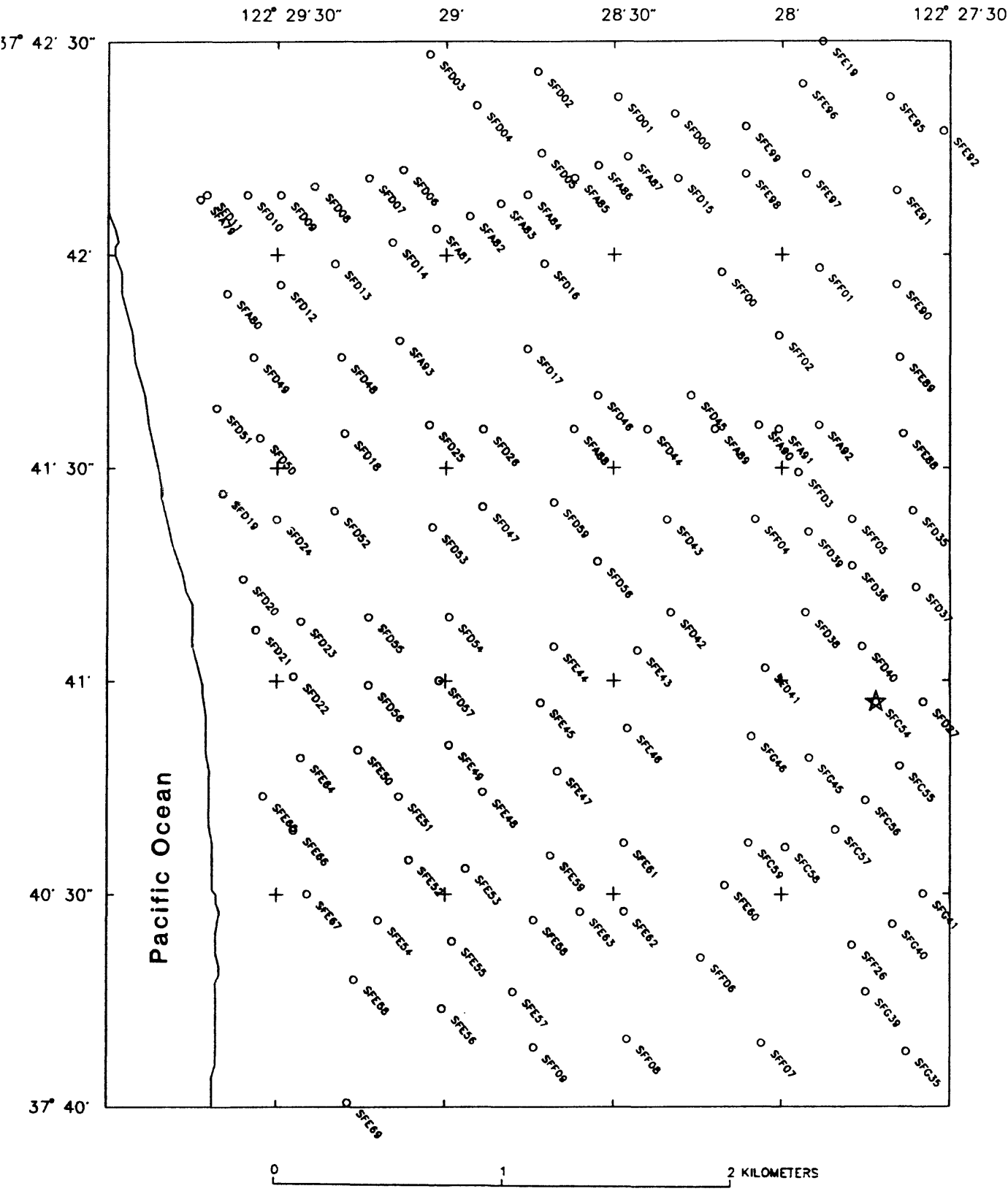

Figure 1G. -- Gravity station locations. Star indicates base station.

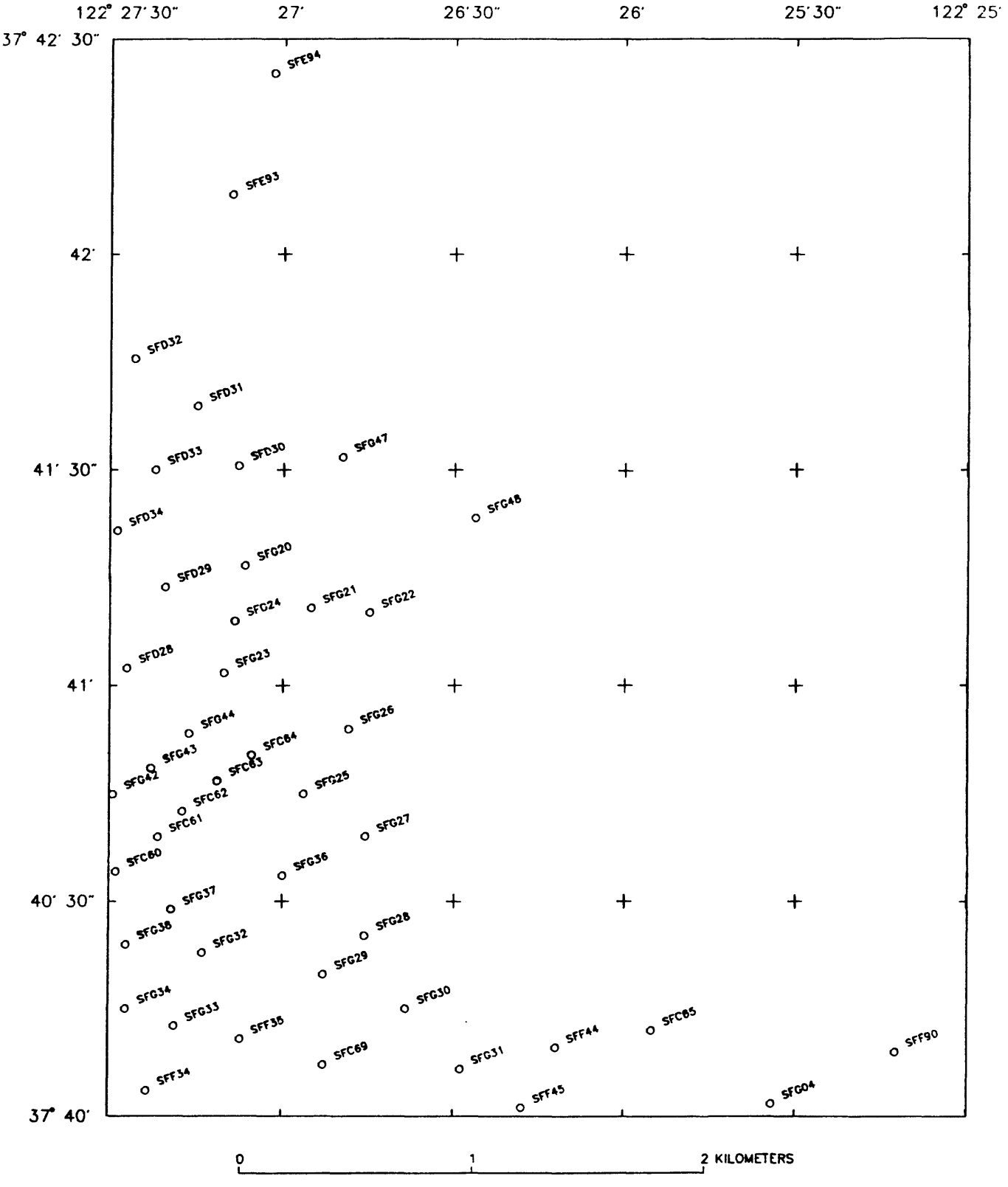

Figure 1H. -- Gravity station locations.

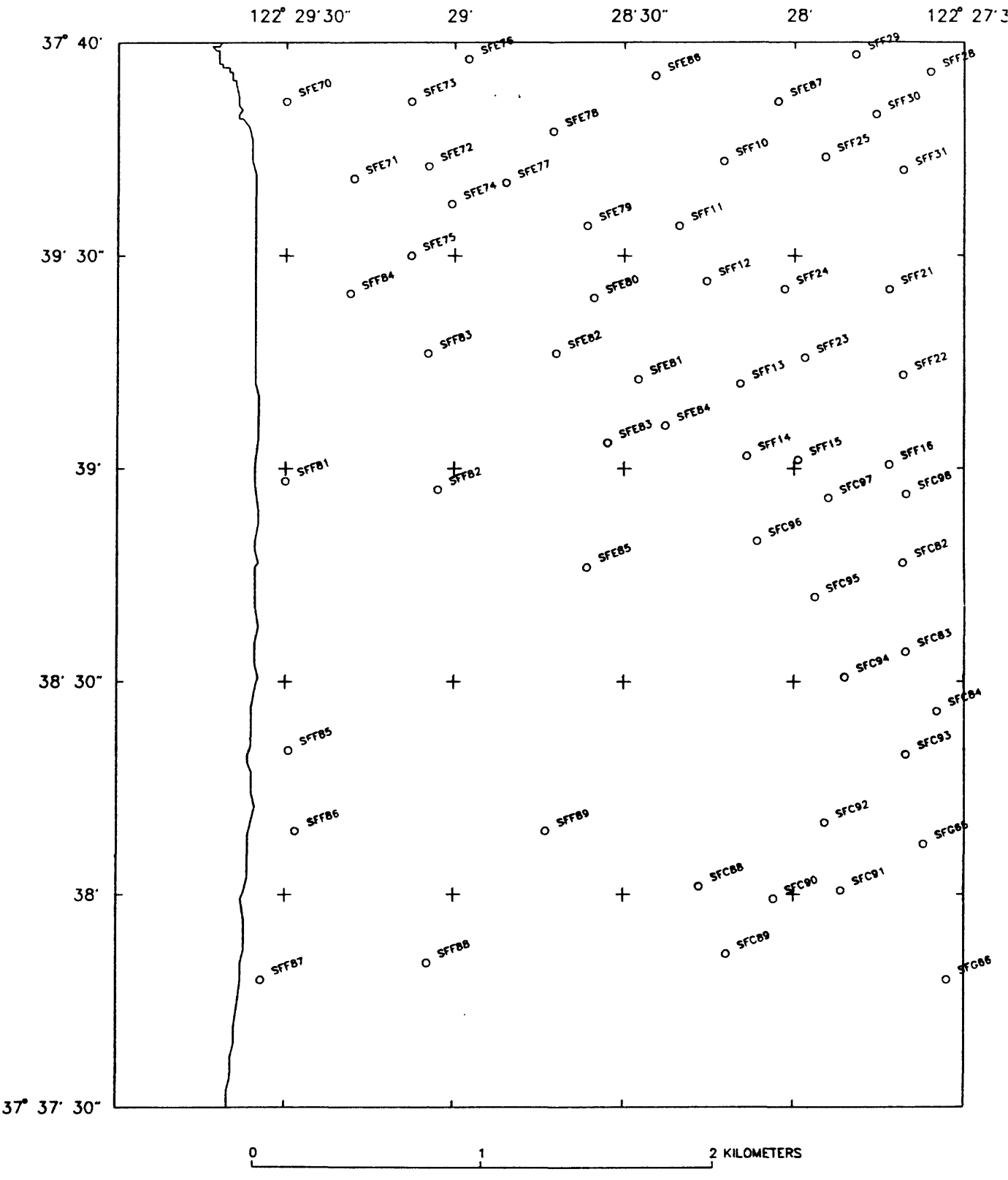

Figure 11. -- Gravity station locations.

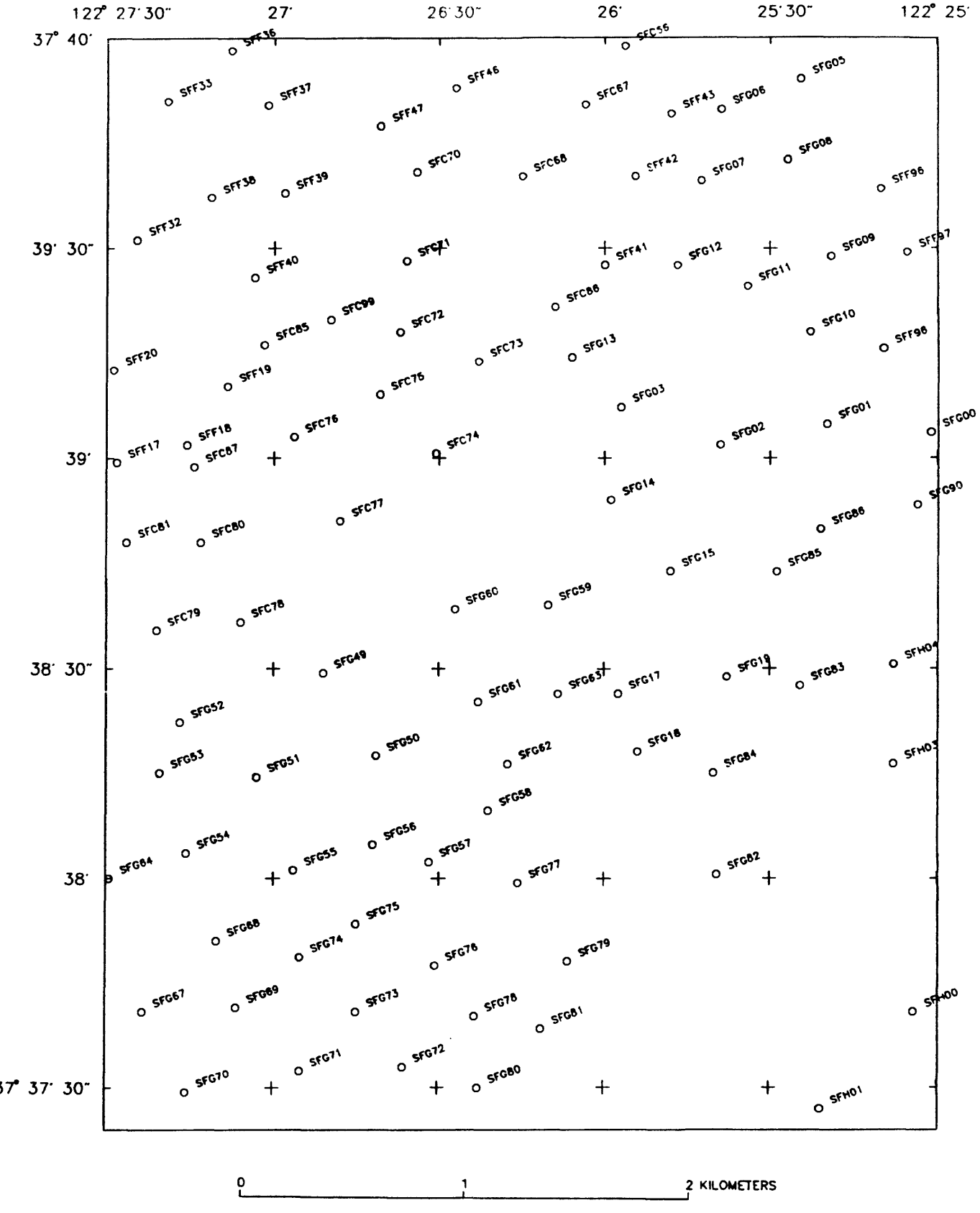

Figure 1J. Gravity station locations.

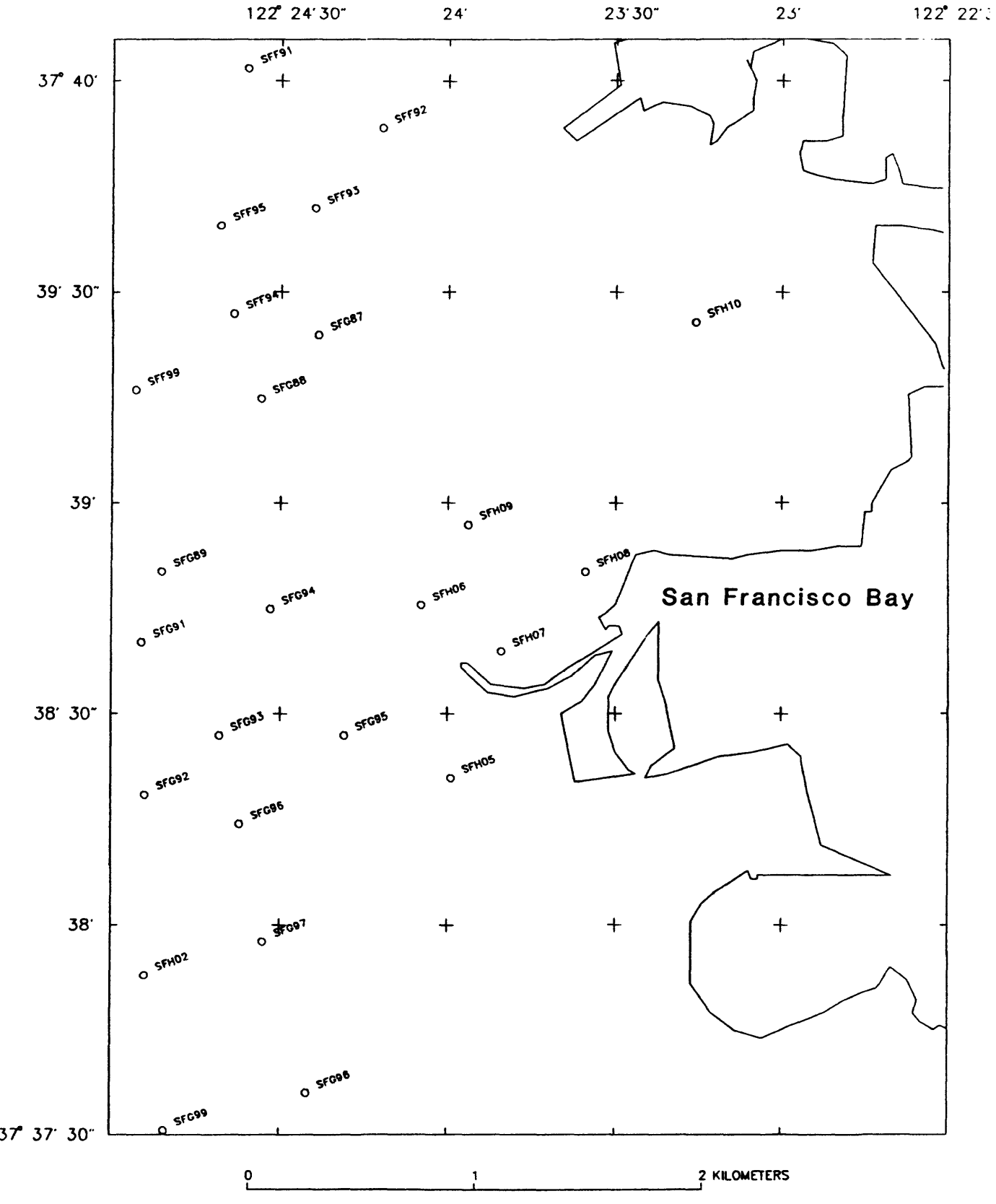

Figure 1K. -- Gravity station locations.

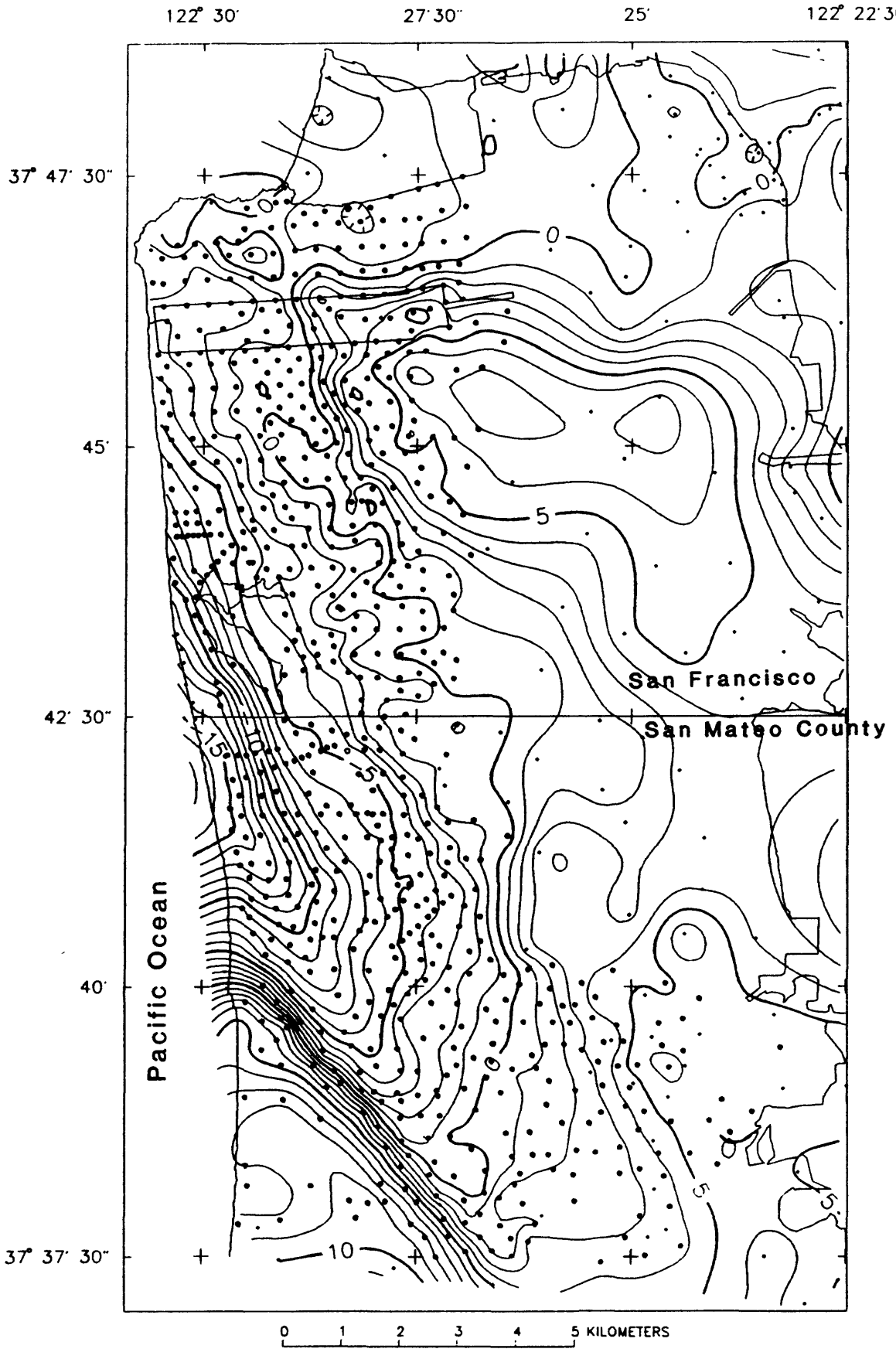

Figure 2. -- Isostatic residual gravity map. Stations listed in this report are indicated by filled circles, others by small diamonds. Contour interval 1 mGal.