APPENDIX D

Site Seismicity Data

DETERMINISTIC SITE PARAMETERS

ABBREVIATED FAULT NAME	APPROX. DISTANCE mi (km)	MAX. CREDIBLE EVENT			MAX. PROBABLE EVENT		
		MAX. CRED. MAG.	PEAK SITE ACC. g	SITE INTENS MM	MAX. PROB. MAG.	PEAK SITE ACC. g	SITE INTENS MM
BORREGO MTN. (San Jacinto)	42 (68)	6.50	0.025	V	6.25	0.021	IV
CASA LOMA-CLARK (S.Jacin.)	60 (96)	7.50	0.027	V	7.00	0.019	IV
ELSINORE	26 (41)	7.50	0.094	VII	6.75	0.059	VI
IMPERIAL	1 (2)	7.00	0.542	X	7.00	0.542	X
SAN ANDREAS (Southern)	51 (82)	8.00	0.050	VI	7.25	0.030	V
SAND HILLS	28 (44)	8.00	0.117	VII	7.00	0.063	VI
SUPERSTITION HLS.(S.Jacin)	9 (14)	7.00	0.232	IX	5.75	0.115	VII
SUPERSTITION MTN.(S.Jacin)	7 (12)	7.00	0.267	IX	6.00	0.156	VIII

****

-END OF SEARCH- 8 FAULTS FOUND WITHIN THE SPECIFIED SEARCH RADIUS.

THE IMPERIAL FAULT IS CLOSEST TO THE SITE.
IT IS ABOUT 1.4 MILES AWAY.

LARGEST MAXIMUM-CREDIBLE SITE ACCELERATION: 0.542 g

LARGEST MAXIMUM-PROBABLE SITE ACCELERATION: 0.542 g

FROM 11-IMP-7 PM 0.0/1.2

FIGURE 6

FROM PRELIMINARY GEOTECHNICAL REPORT

Table 1:Seismic parameters for active faults within 100 km of the project site. Accelerations are provided as repeatable horizontal ground accelerations (output from Thomas Blakes EQFault software) Attenuation relation: Campbell & Bozorgnia (1994).

ABBREVIATED FAULT NAME	APPROX.DISTANCE km	(mi)	MAX. CREDIBLE EVENT MAG.	(RHGA ACC. g)	MAX. PROBABLE EVENT MAG.	(RHGA ACC. g)
Borrego Mtn. (San Jacinto)	58	(36)	6.50	(0.036)	6.25	(0.029)
Casa Loma Creek (San Jacinto.)	54	(87)	7.50	(0.049)	7.00	(0.031)
Coyote Creek (San Jacinto)	89	(55)	7.50	(0.047)	6.00	(0.012)
Elsinore	35	(22)	7.50	(0.164)	6.75	(0.092)
Imperial	6	(4)	7.00	(0.325)	7.00	(0.325)
SAN ANDREAS (Southern)	75	(47)	8.0	(0.091)	7.25	(0.048)
SAND HILLS	46	(28)	8.0	(0.171)	7.00	(0.079)
Superstition Hills (San Jacinto)	7	(4)	7.00	(0.314)	5.75	(0.175)
SUPERSTITION MTN. (S.Jacin)	4	(2)	7.00	(0.361)	6.00	(0.278)

The tabulated accelerations are output from Thomas Blake's EQFault software and are recorded as repeatable horizontal ground accelerations (RHGA) in percentage of gravity. The attenuation relation used was Campbell & Bozorgnia (1994) horizontal in soft rock with the uncertainty restricted to the mean value (as opposed to the mean plus or minus one standard deviation) RHGA horizontal acceleration computation used a factor of 0.650 for site distances < 32km. The Fault-data file used for computations was California .data source of depth values (attenuation file).

PROBABILITY OF EXCEEDANCE FOR MAGNITUDE

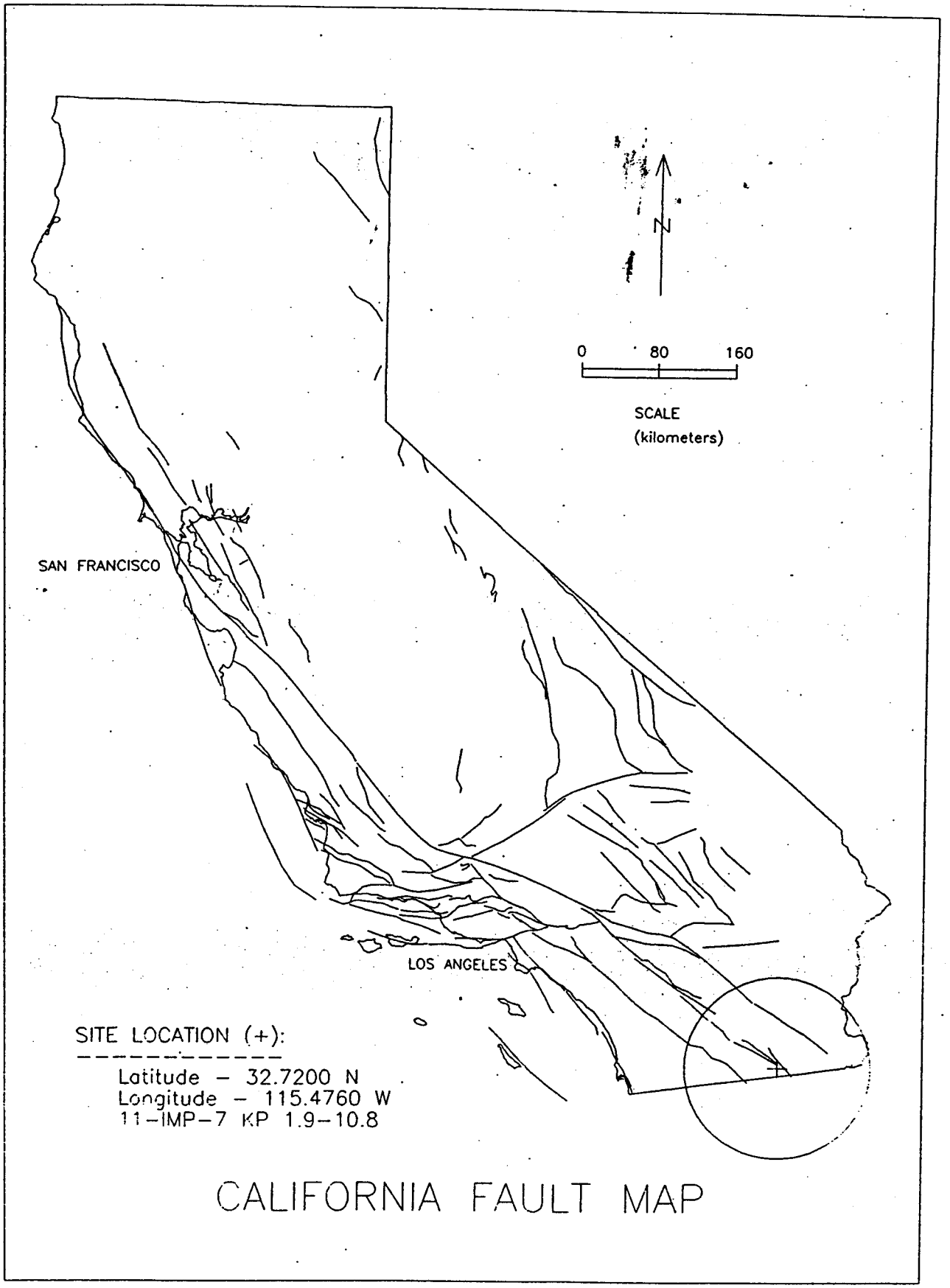
MAG.	NO.OF TIMES EXCED	AVE. OCCUR. #/yr	RECURR. INTERV. years	COMPUTED PROBABILITY OF EXCEEDANCE in 0.5 yr	in 1 yr	in 10 yr	in 50 yr	in 75 yr	in 100 yr	in 25 yr
4.00	644	3.286	0.304	0.8066	0.9626	1.0000	1.0000	1.0000	1.0000	1.0000
4.50	227	1.158	0.863	0.4396	0.6859	1.0000	1.0000	1.0000	1.0000	1.0000
5.00	76	0.388	2.579	0.1762	0.3214	0.9793	1.0000	1.0000	1.0000	0.9999
5.50	37	0.189	5.297	0.0901	0.1720	0.8486	0.9999	1.0000	1.0000	0.9911
6.00	17	0.087	11.529	0.0424	0.0831	0.5799	0.9869	0.9985	0.9998	0.8856
6.50	7	0.036	28.000	0.0177	0.0351	0.3003	0.8323	0.9313	0.9719	0.5905
7.00	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198

GUTENBERG & RICHTER RECURRENCE RELATIONSHIP:

a-value= 3.621
b-value= 0.789

beta-value= 1.817

FIGURE 2


N
0
80
160
SCALE
(kilometers)
SAN FRANCISCO
LOS ANGELES
SITE LOCATION (+):
Latitude - 32.7200 N
Longitude - 115.4760 W
11-IMP-7 KP 1.9-10.8
CALIFORNIA FAULT MAP

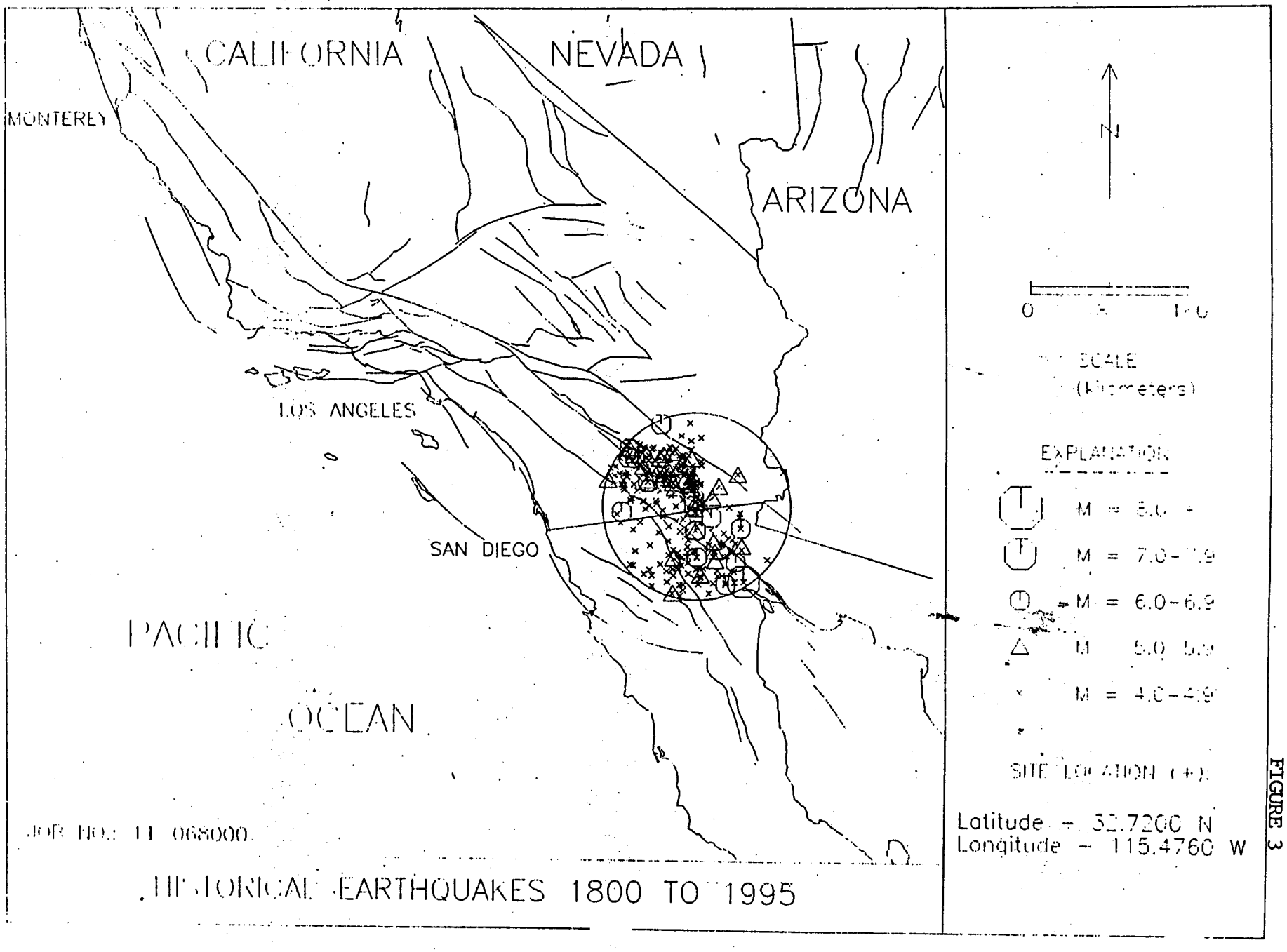
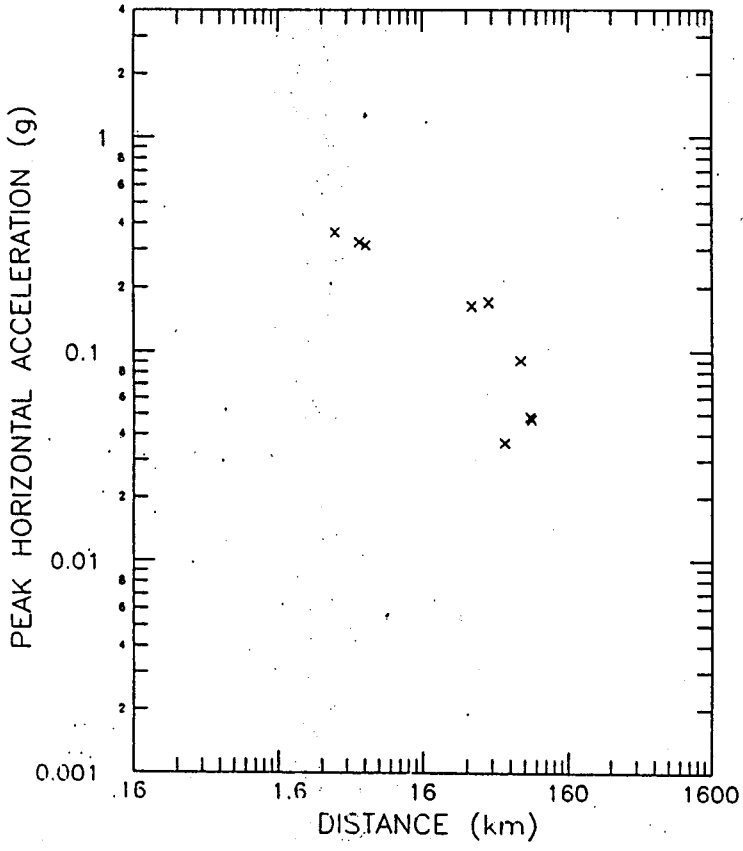
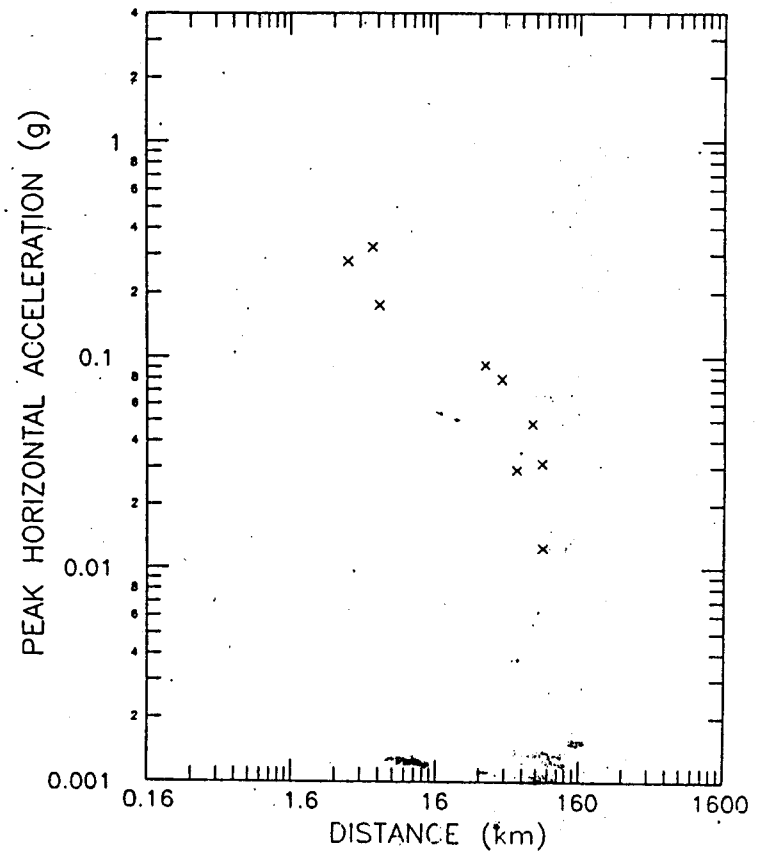

CALIFORNIA
NEVADA
ARIZONA
MONTEREY
LOS ANGELES
SAN DIEGO
PACIFIC
OCEAN
N
0
1.0
SCALE
(kilometers)
EXPLANATION
M = 6.0-6.9
M = 5.0-5.9
M = 4.0-4.9
SITE LOCATION (+)
Latitude - 32.7200 N
Longitude - 115.4760 W
JOB NO.: 11 068000
HISTORICAL EARTHQUAKES 1800 TO 1995

FIGURE 3

COMPARISON OF MAXIMUM EARTHQUAKES

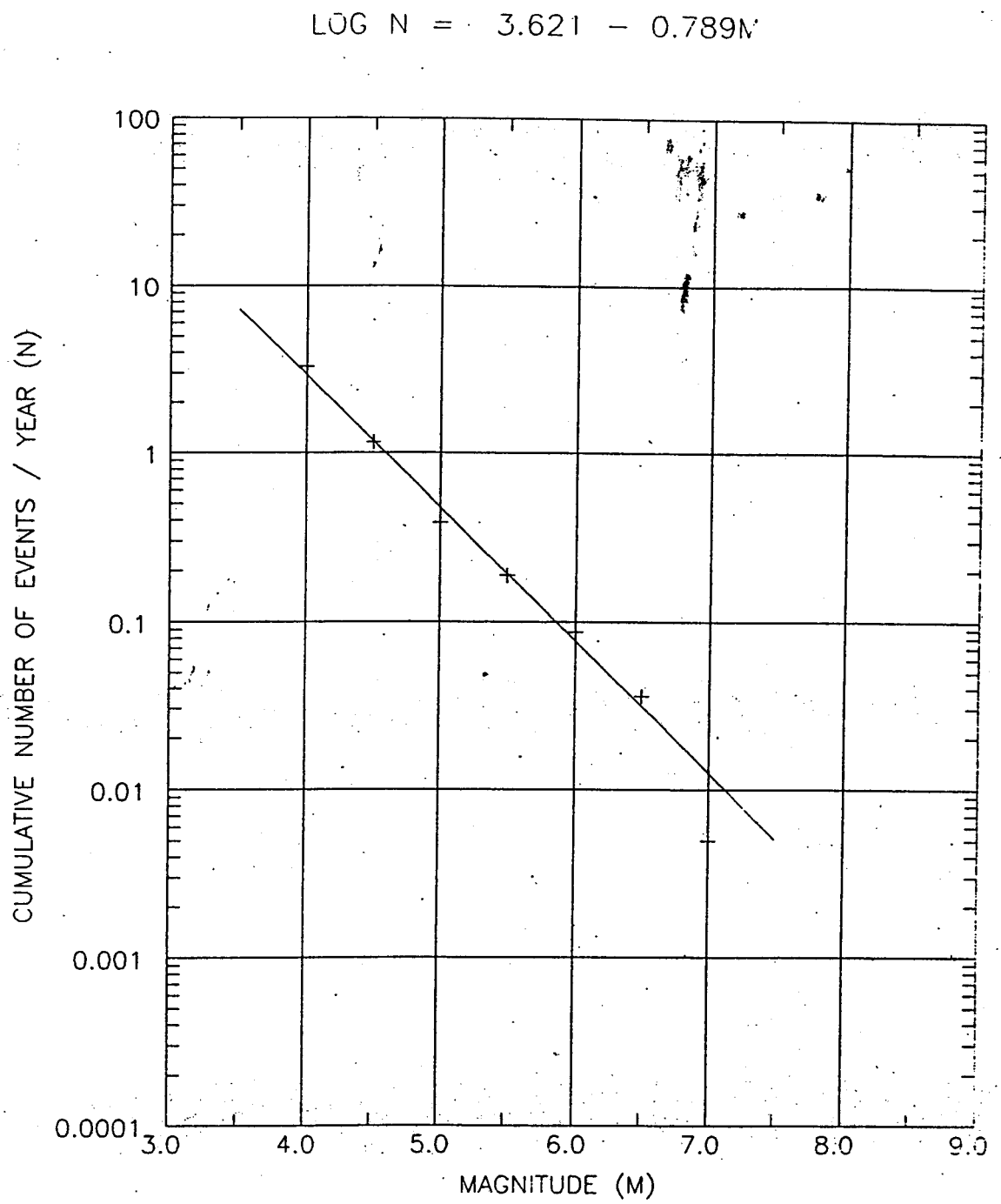




JOB NO.: 068000

LATITUDE: 32.7200 N – LONGITUDE: 115.4760 W

FIGURE 4



SEISMIC RECURRENCE CURVE

HISTORICAL EARTHQUAKES FROM 1800 TO 1995

11-SD-7 KP 1.9/10.8

RESULTS OF PROBABILITY ANALYSES

TIME PERIOD OF SEARCH: 1800 TO 1995
LENGTH OF SEARCH TIME: 196 years
ATTENUATION RELATION: 1) Campbell (1991) Horiz. - Deep Soil & Soft Rock
*** TIME PERIOD OF EXPOSURE FOR PROBABILITY: 25 years

PROBABILITY OF EXCEEDANCE FOR ACCELERATION

ACC. g	NO.OF TIMES EXCED	AVE. OCCUR. #/yr	RECURR. INTERV. years	COMPUTED PROBABILITY OF EXCEEDANCE in 0.5 yr	in 1 yr	in 10 yr	in 50 yr	in 75 yr	in 100 yr	in *** 25 yr
0.01	474	2.418	0.414	0.7016	0.9109	1.0000	1.0000	1.0000	1.0000	1.0000
0.02	255	1.301	0.769	0.4782	0.7277	1.0000	1.0000	1.0000	1.0000	1.0000
0.03	186	0.949	1.054	0.3778	0.6129	0.9999	1.0000	1.0000	1.0000	1.0000
0.04	132	0.673	1.485	0.2859	0.4901	0.9988	1.0000	1.0000	1.0000	1.0000
0.05	106	0.541	1.849	0.2369	0.4177	0.9955	1.0000	1.0000	1.0000	1.0000
0.06	89	0.454	2.202	0.2031	0.3650	0.9893	1.0000	1.0000	1.0000	1.0000
0.07	80	0.408	2.450	0.1846	0.3351	0.9831	1.0000	1.0000	1.0000	1.0000
0.08	77	0.393	2.545	0.1783	0.3249	0.9803	1.0000	1.0000	1.0000	0.9999
0.09	74	0.378	2.649	0.1720	0.3145	0.9771	1.0000	1.0000	1.0000	0.9999
0.10	72	0.367	2.722	0.1678	0.3074	0.9746	1.0000	1.0000	1.0000	0.9999
0.11	64	0.327	3.063	0.1506	0.2786	0.9618	1.0000	1.0000	1.0000	0.9997
0.12	62	0.316	3.161	0.1463	0.2712	0.9577	1.0000	1.0000	1.0000	0.9996
3	60	0.306	3.267	0.1419	0.2637	0.9532	1.0000	1.0000	1.0000	0.9995
[illegible] .4	60	0.306	3.267	0.1419	0.2637	0.9532	1.0000	1.0000	1.0000	0.9995
0.15	53	0.270	3.698	0.1265	0.2369	0.9331	1.0000	1.0000	1.0000	0.9988
0.16	52	0.265	3.769	0.1242	0.2330	0.9296	1.0000	1.0000	1.0000	0.9987
0.17	42	0.214	4.667	0.1016	0.1929	0.8827	1.0000	1.0000	1.0000	0.9953
0.18	42	0.214	4.667	0.1016	0.1929	0.8827	1.0000	1.0000	1.0000	0.9953
0.19	40	0.204	4.900	0.0970	0.1846	0.8701	1.0000	1.0000	1.0000	0.9939
0.20	39	0.199	5.026	0.0947	0.1804	0.8633	1.0000	1.0000	1.0000	0.9931
0.21	38	0.194	5.158	0.0924	0.1762	0.8561	0.9999	1.0000	1.0000	0.9921
0.22	38	0.194	5.158	0.0924	0.1762	0.8561	0.9999	1.0000	1.0000	0.9921
0.23	29	0.148	6.759	0.0713	0.1375	0.7723	0.9994	1.0000	1.0000	0.9753
0.24	15	0.077	13.067	0.0375	0.0737	0.5348	0.9782	0.9968	0.9995	0.8524
0.25	15	0.077	13.067	0.0375	0.0737	0.5348	0.9782	0.9968	0.9995	0.8524
0.26	14	0.071	14.000	0.0351	0.0689	0.5105	0.9719	0.9953	0.9992	0.8323
0.27	13	0.066	15.077	0.0326	0.0642	0.4848	0.9637	0.9931	0.9987	0.8095
0.28	13	0.066	15.077	0.0326	0.0642	0.4848	0.9637	0.9931	0.9987	0.8095
0.29	13	0.066	15.077	0.0326	0.0642	0.4848	0.9637	0.9931	0.9987	0.8095
0.30	13	0.066	15.077	0.0326	0.0642	0.4848	0.9637	0.9931	0.9987	0.8095
0.31	11	0.056	17.818	0.0277	0.0546	0.4295	0.9396	0.9851	0.9963	0.7542
0.32	11	0.056	17.818	0.0277	0.0546	0.4295	0.9396	0.9851	0.9963	0.7542
0.33	11	0.056	17.818	0.0277	0.0546	0.4295	0.9396	0.9851	0.9963	0.7542
0.34	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
0.35	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
0.36	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
0.37	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
0.38	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
[illegible]	5	0.026	39.200	0.0127	0.0252	0.2252	0.7207	0.8524	0.9220	0.4715
0.40	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
0.41	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
0.42	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
0.43	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
0.44	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252

0.45	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
0.46	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
.47	2	0.010	98.000	0.0051	0.0102	0.0970	0.3996	0.5348	0.6396	0.2252
.48	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.49	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.50	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.51	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.52	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.53	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.54	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.55	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.56	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.57	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.58	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.59	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.60	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.61	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.62	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.63	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.64	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.65	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.66	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.67	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.68	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.69	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.70	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.71	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.72	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
.73	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198
0.74	1	0.005	196.000	0.0025	0.0051	0.0497	0.2252	0.3180	0.3996	0.1198

(Estimation of Peak Horizontal Acceleration
From California Earthquake Catalogs)

SEARCH PERFORMED FOR: JOE EGAN

JOB NUMBER: 11-068000

JOB NAME: 11-SD-7 KP 1.9/10.8

SITE COORDINATES:
LATITUDE: 32.72 N
LONGITUDE: 115.476 W

TYPE OF SEARCH: RADIUS
SEARCH RADIUS: 60 mi

SEARCH MAGNITUDES: 4.0 TO 9.0

SEARCH DATES: 1800 TO 1995

ATTENUATION RELATION: 1) Campbell (1991) Horiz. - Deep Soil & Soft Rock

UNCERTAINTY (M=Mean, S=Mean+1-Sigma): S

SCOND: 0

FAULT TYPE ASSUMED (DS=Reverse, SS=Strike-Slip): SS

COMPUTE PEAK HORIZONTAL ACCELERATION

EARTHQUAKE-DATA FILE USED: ALLQUAKE.DAT

TIME PERIOD OF EXPOSURE FOR STATISTICAL COMPARISON: 25 years

SOURCE OF DEPTH VALUES (A=Attenuation File, E=Earthquake Catalog): A

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (GMT) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi [km]
DMG	32.500	115.000	11/29/1852	20 0 0.0	3.0	6.50	0.056	VI	32 [51]
T-A	33.500	115.820	5/ 0/1868	0 0 0.0	3.0	6.30	0.019	IV	57 [92]

DMG	33.000	115.000	5/ 3/1872	1 0 0.0	3.0	5.50	0.030	V	34	[54]
DMG	32.700	116.300	2/24/1892	720 0.0	3.0	6.70	0.034	V	48	[77]
DMG	33.200	116.200	5/28/1892	1115 0.0	3.0	6.30	0.022	IV	53	[86]
G	32.500	115.500	4/19/1906	030 0.0	3.0	6.00	0.119	VII	15	[
MGI	33.000	115.500	3/23/1908	1357 0.0	3.0	4.60	0.037	V	19	[31]
MGI	33.250	115.500	12/27/1910	1715 0.0	3.0	4.60	0.015	IV	37	[59]
MGI	33.000	115.500	4/28/1915	310 0.0	3.0	4.00	0.025	V	19	[31]
MGI	33.000	115.500	4/30/1915	820 0.0	3.0	4.00	0.025	V	19	[31]
DMG	32.800	115.500	6/23/1915	359 0.0	3.0	6.25	0.337	IX	6	[9]
DMG	32.800	115.500	6/23/1915	456 0.0	3.0	6.25	0.337	IX	6	[9]
MGI	32.800	115.500	7/ 3/1915	2345 0.0	3.0	4.60	0.148	VIII	6	[9]
MGI	32.800	115.500	7/ 4/1915	045 0.0	3.0	4.60	0.148	VIII	6	[9]
MGI	32.800	115.500	7/ 4/1915	5 0 0.0	3.0	4.60	0.148	VIII	6	[9]
MGI	32.800	115.500	8/18/1915	2240 0.0	3.0	4.00	0.103	VII	6	[9]
MGI	32.800	115.500	8/19/1915	4 0 0.0	3.0	4.00	0.103	VII	6	[9]
MGI	32.800	115.500	8/19/1915	2240 0.0	3.0	4.00	0.103	VII	6	[9]
MGI	32.800	115.500	8/20/1915	4 0 0.0	3.0	4.00	0.103	VII	6	[9]
DMG	32.000	115.000	11/21/1915	01342.0	3.0	7.10	0.034	V	57	[92]
MGI	32.000	115.000	11/21/1915	410 0.0	3.0	4.00	0.004	I	57	[92]
MGI	32.700	115.500	11/ 3/1916	555 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	32.700	115.500	12/ 7/1916	1855 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	32.700	115.500	12/ 7/1916	2045 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	33.000	115.500	5/27/1917	930 0.0	3.0	4.00	0.025	V	19	[31]
DMG	32.800	115.300	5/28/1917	6 6 0.0	3.0	5.50	0.120	VII	12	[19]
MGI	33.000	115.500	5/31/1917	210 0.0	3.0	4.60	0.037	V	19	[31]
MGI	32.700	115.500	6/ 8/1917	031 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	32.800	115.500	6/18/1917	6 0 0.0	3.0	4.00	0.103	VII	6	[9]
MGI	32.700	115.500	12/ 8/1917	945 0.0	3.0	4.00	0.238	IX	2	[3]
MG	33.000	115.500	12/20/1917	825 0.0	3.0	4.00	0.025	V	19	[3
MG	32.500	115.500	5/ 1/1918	432 0.0	3.0	5.00	0.064	VI	15	[
MGI	32.700	115.500	5/ 2/1918	1712 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	33.100	115.500	5/11/1918	8 5 0.0	3.0	4.60	0.024	V	26	[42]
MGI	32.700	115.500	10/14/1918	12 5 0.0	3.0	4.00	0.238	IX	2	[3]
DMG	32.750	116.000	2/19/1919	458 0.0	3.0	4.50	0.018	IV	31	[49]
MGI	32.600	115.000	9/30/1919	5 6 0.0	3.0	4.00	0.014	IV	29	[46]
MGI	32.500	115.000	9/30/1919	737 0.0	3.0	4.60	0.018	IV	32	[51]
MGI	33.000	114.500	10/ 1/1919	1931 0.0	3.0	4.60	0.006	II	60	[96]
MGI	32.700	115.500	10/ 1/1919	2350 0.0	3.0	4.00	0.238	IX	2	[3]
DMG	33.000	116.000	5/18/1920	625 0.0	3.0	4.50	0.014	IV	36	[58]
MGI	33.000	115.500	12/20/1920	529 0.0	3.0	4.00	0.025	V	19	[31]
DMG	33.000	115.500	12/20/1920	1447 0.0	3.0	4.50	0.035	V	19	[31]
DMG	33.000	115.500	12/21/1920	1452 0.0	3.0	4.50	0.035	V	19	[31]
DMG	32.500	115.500	9/ 8/1921	1924 0.0	3.0	5.00	0.064	VI	15	[25]
MGI	32.700	115.500	11/17/1921	1958 0.0	3.0	4.00	0.238	IX	2	[3]
MGI	32.500	115.500	6/16/1922	21 0 0.0	3.0	4.00	0.034	V	15	[25]
DMG	32.500	115.500	11/ 5/1923	22 7 0.0	3.0	5.00	0.064	VI	15	[25]
DMG	32.500	115.500	11/ 7/1923	2357 0.0	3.0	5.50	0.087	VII	15	[25]
T-A	33.000	115.500	10/23/1924	739 0.0	3.0	4.30	0.030	V	19	[31]
MGI	33.000	115.500	10/24/1924	739 0.0	3.0	4.60	0.037	V	19	[31]
MGI	32.500	115.500	4/16/1925	330 0.0	3.0	5.00	0.064	VI	15	[25]
MGI	32.500	115.500	4/16/1925	520 0.0	3.0	5.30	0.077	VII	15	[25]
MGI	33.000	115.500	8/31/1925	1 7 0.0	3.0	4.00	0.025	V	19	[31]
MGI	32.700	115.500	12/ 9/1926	548 0.0	3.0	4.00	0.238	IX	2	[3]
DMG	32.500	115.500	1/ 1/1927	81645.0	3.0	5.75	0.102	VII	15	[25]
I	32.700	115.500	1/ 1/1927	9 5 0.0	3.0	4.60	0.334	IX	2	[
DMG	32.500	115.500	1/ 1/1927	91330.0	3.0	5.50	0.087	VII	15	[2

DMG	31.983	115.200	2/24/1935	1932 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	2/24/1935	2133 0.0	3.0	4.00	0.005	II	53	[86]

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (GMT) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi	[km]
DMG	31.983	115.200	2/25/1935	1658 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	2/26/1935	1735 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	2/27/1935	0 0 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	2/27/1935	446 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	3/ 1/1935	421 0.0	3.0	4.50	0.007	II	53	[86]
DMG	31.983	115.200	3/ 1/1935	2310 0.0	3.0	4.50	0.007	II	53	[86]
DMG	31.983	115.200	3/ 7/1935	1911 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	3/22/1935	329 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	3/22/1935	437 0.0	3.0	4.00	0.005	II	53	[86]
DMG	32.250	115.500	4/ 5/1935	2340 0.0	3.0	4.00	0.012	III	32	[52]
DMG	31.983	115.200	4/ 6/1935	1641 0.0	3.0	4.50	0.007	II	53	[86]
DMG	31.983	115.200	4/21/1935	531 0.0	3.0	4.50	0.007	II	53	[86]
DMG	31.983	115.200	4/21/1935	535 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	4/21/1935	549 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	4/21/1935	6 4 0.0	3.0	4.00	0.005	II	53	[86]
DMG	31.983	115.200	4/28/1935	1125 0.0	3.0	4.00	0.005	II	53	[86]
DMG	32.450	115.617	6/20/1935	724 0.0	3.0	4.00	0.024	IV	20	[33]
DMG	32.917	115.467	7/23/1935	1911 0.0	3.0	4.00	0.040	V	14	[22]
DMG	32.900	115.217	9/ 8/1935	1440 0.0	3.0	4.50	0.034	V	20	[31]
DMG	32.900	115.217	9/ 8/1935	17 3 0.0	3.0	5.00	0.047	VI	20	[31]
DMG	32.900	115.217	10/11/1935	14 6 0.0	3.0	5.00	0.047	VI	20	[31]
DMG	33.167	115.500	12/20/1935	745 0.0	3.0	5.00	0.025	V	31	[50]
DMG	33.333	115.500	1/ 2/1936	354 0.0	3.0	4.00	0.008	II	42	[68]
DMG	32.417	115.583	1/ 3/1936	14 7 0.0	3.0	4.00	0.021	IV	22	[35]
DMG	32.900	115.217	4/ 7/1936	2214 0.0	3.0	4.00	0.025	V	20	[31]
DMG	32.900	115.217	4/ 7/1936	2253 0.0	3.0	4.50	0.034	V	20	[31]
DMG	32.900	115.217	4/ 8/1936	1841 0.0	3.0	4.00	0.025	V	20	[31]
DMG	32.900	115.217	4/18/1936	536 0.0	3.0	4.00	0.025	V	20	[31]
DMG	33.133	116.083	5/ 7/1936	1147 0.0	3.0	4.50	0.010	III	45	[73]
DMG	32.917	115.417	9/18/1936	1428 0.0	3.0	4.00	0.038	V	14	[23]
DMG	32.856	115.710	9/18/1936	144032.1	3.0	4.50	0.042	VI	17	[27]
DMG	32.917	115.417	9/18/1936	1452 0.0	3.0	4.00	0.038	V	14	[23]
DMG	32.933	115.417	9/18/1936	1548 0.0	3.0	4.00	0.035	V	15	[24]
DMG	32.933	115.417	9/18/1936	1651 0.0	3.0	4.00	0.035	V	15	[24]
DMG	32.792	115.914	10/12/1936	135631.8	3.0	4.00	0.017	IV	26	[42]
DMG	32.764	115.908	10/12/1936	17 750.1	3.0	4.00	0.017	IV	25	[41]
DMG	33.167	116.167	11/16/1937	1057 0.0	3.0	4.00	0.006	II	51	[81]
DMG	33.083	115.983	12/15/1937	958 0.0	3.0	4.00	0.009	III	39	[62]
DMG	32.883	115.583	4/13/1938	1929 0.0	3.0	4.50	0.058	VI	13	[21]
DMG	32.450	115.617	4/17/1938	347 0.0	3.0	4.00	0.024	IV	20	[33]
DMG	32.250	115.167	6/ 3/1938	1438 0.0	3.0	4.00	0.010	III	37	[60]
DMG	32.900	115.217	6/ 6/1938	242 0.0	3.0	5.00	0.047	VI	20	[31]
DMG	32.250	115.167	6/ 6/1938	1235 0.0	3.0	4.00	0.010	III	37	[60]
DMG	33.383	115.600	6/29/1938	1040 0.0	3.0	4.00	0.007	II	46	[75]
DMG	32.786	116.055	7/ 4/1938	215945.3	3.0	4.00	0.011	III	34	[55]
DMG	33.083	115.983	12/10/1938	312 0.0	3.0	4.00	0.009	III	39	[62]
DMG	32.333	115.750	12/15/1938	0 2 0.0	3.0	4.00	0.013	III	31	[50]
DMG	32.450	115.617	1/31/1939	1616 0.0	3.0	4.00	0.024	IV	20	[33]
DMG	32.533	116.183	2/22/1939	1030 0.0	3.0	4.00	0.007	II	43	[69]
DMG	32.450	115.617	3/21/1939	1351 0.0	3.0	4.00	0.024	IV	20	[33]

FILE CODE	LAT. NORTH	LONG. WEST	DATE	TIME (GMT) H M Sec	DEPTH (km)	QUAKE MAG.	SITE ACC. g	SITE MM INT.	APPROX. DISTANCE mi	km]
MGI	32.700	115.500	1/ 1/1927	1010 0.0	3.0	4.60	0.334	IX	2	[3
MGI	32.700	115.500	1/ 1/1927	13 0 0.0	3.0	5.30	0.480	X	2	[3
T-A	32.670	115.500	1/ 2/1927	10 0 0.0	3.0	4.30	0.183	VIII	4	[6
MGI	32.700	115.500	1/ 2/1927	16 0 0.0	3.0	4.00	0.238	IX	2	[3
T-A	32.670	115.500	1/ 6/1927	1637 0.0	3.0	4.30	0.183	VIII	4	[6
MGI	32.700	115.500	1/13/1927	1048 0.0	3.0	4.00	0.238	IX	2	[3
MGI	32.700	115.500	1/16/1927	19 5 0.0	3.0	4.60	0.334	IX	2	[3
MGI	32.800	115.500	2/12/1927	858 0.0	3.0	4.60	0.148	VIII	6	[9
MGI	32.700	115.500	7/16/1927	155 0.0	3.0	4.00	0.238	IX	2	[3
MGI	32.700	115.500	9/23/1928	1744 0.0	3.0	4.00	0.238	IX	2	[3
DMG	32.900	115.700	10/ 2/1928	19 1 0.0	3.0	5.00	0.052	VI	18	[29
MGI	32.800	116.200	7/23/1929	1155 0.0	3.0	4.30	0.009	III	42	[68
DMG	32.000	116.000	2/ 7/1930	2323 0.0	3.0	4.50	0.006	II	58	[94
DMG	33.000	115.500	2/26/1930	230 0.0	3.0	5.00	0.047	VI	19	[31
DMG	33.000	115.500	3/ 1/1930	23 5 0.0	3.0	4.50	0.035	V	19	[31
DMG	33.000	115.500	3/ 1/1930	2344 0.0	3.0	4.50	0.035	V	19	[31
DMG	33.000	115.500	3/ 2/1930	150 0.0	3.0	4.50	0.035	V	19	[31
MGI	32.800	115.300	5/ 8/1930	2055 0.0	3.0	4.00	0.048	VI	12	[19
DMG	33.200	116.300	5/12/1930	414 0.0	3.0	4.00	0.004	I	58	[94
DMG	32.500	115.500	6/24/1930	2325 0.0	3.0	4.00	0.034	V	15	[25
DMG	32.500	115.500	6/26/1930	22 9 0.0	3.0	4.50	0.047	VI	15	[25
DMG	32.033	115.833	1/ 8/1932	23445.0	3.0	4.00	0.005	II	52	[83
DMG	32.033	115.833	1/28/1932	171749.0	3.0	4.50	0.008	II	52	[83
DMG	32.500	115.667	2/12/1932	23021.0	3.0	4.00	0.026	V	19	[30
DMG	32.250	115.667	4/29/1932	165233.0	3.0	4.00	0.011	III	34	[55
DMG	32.000	115.667	9/10/1932	95729.8	3.0	4.50	0.008	II	51	[82
DMG	32.667	115.500	10/ 9/1932	2251 0.0	3.0	4.50	0.197	VIII	4	[6
DMG	32.667	115.500	10/ 9/1932	2345 0.0	3.0	4.00	0.147	VIII	4	[6
DMG	32.667	115.500	10/10/1932	129 0.0	3.0	4.00	0.147	VIII	4	[6
DMG	32.833	115.750	2/24/1933	1933 0.0	3.0	4.50	0.039	V	18	[29
DMG	33.500	115.500	5/19/1933	162638.0	3.0	4.30	0.006	II	54	[87
DMG	33.000	115.500	10/30/1933	1059 0.0	3.0	4.20	0.029	V	19	[31
DMG	32.500	115.600	12/ 8/1933	437 0.0	3.0	4.00	0.030	V	17	[27
DMG	32.300	115.000	12/10/1933	1551 0.0	3.0	4.00	0.008	III	40	[65
DMG	32.500	115.000	12/28/1933	21 5 0.0	3.0	4.50	0.017	IV	32	[51
DMG	32.500	115.000	12/29/1933	1616 0.0	3.0	4.00	0.013	III	32	[51
DMG	32.700	115.117	1/ 4/1934	2153 0.0	3.0	4.50	0.031	V	21	[34
DMG	32.500	115.000	1/12/1934	126 0.0	3.0	4.00	0.013	III	32	[51
DMG	32.500	115.333	2/11/1934	18 1 0.0	3.0	4.00	0.029	V	17	[28
DMG	33.083	115.983	3/ 2/1934	2130 0.0	3.0	4.50	0.013	III	39	[62
DMG	32.000	115.000	4/ 3/1934	1753 0.0	3.0	4.00	0.004	I	57	[92
DMG	32.000	115.000	7/17/1934	1138 0.0	3.0	4.00	0.004	I	57	[92
DMG	32.250	115.500	12/30/1934	1352 0.0	3.0	6.50	0.054	VI	32	[52
DMG	32.250	115.500	12/30/1934	1430 0.0	3.0	4.50	0.017	IV	32	[52
DMG	32.250	115.500	12/30/1934	15 5 0.0	3.0	4.50	0.017	IV	32	[52
DMG	32.250	115.500	12/30/1934	1534 0.0	3.0	4.50	0.017	IV	32	[52
DMG	32.250	115.500	12/30/1934	1824 0.0	3.0	4.00	0.012	III	32	[52
DMG	32.250	115.500	12/30/1934	1838 0.0	3.0	4.50	0.017	IV	32	[52
DMG	32.250	115.500	12/30/1934	1923 0.0	3.0	4.50	0.017	IV	32	[52
DMG	32.250	115.500	1/ 4/1935	2159 0.0	3.0	4.00	0.012	III	32	[52
DMG	32.000	115.000	2/17/1935	1147 0.0	3.0	4.00	0.004	I	57	[92
DMG	31.983	115.200	2/24/1935	145 0.0	3.0	6.00	0.020	IV	53	[86
DMG	31.983	115.200	2/24/1935	210 0.0	3.0	4.00	0.005	II	53	[86
DMG	31.983	115.200	2/24/1935	820 0.0	3.0	4.50	0.007	II	53	[86
DMG	31.983	115.200	2/24/1935	1419 0.0	3.0	4.00	0.005	II	53	[86
DMG	31.983	115.200	2/24/1935	1710 0.0	3.0	4.00	0.005	II	53	[86