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U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
LAS VEGAS , NEVADA

MASTER

CATALOG OF SEISMOGRAPH STATIONS OPERATED IN
SUPPORT OF THE ERDA/NEVADA OPERATIONS OFFICE
JANUARY 1964 THRU JUNE 1976

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by

R. Navarro
G. M. Wuollet
B. R. Bradley

May 1977

OPEN-FILE REPORT 77-404

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclatures

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I. INTRODUCTION

The seismograph stations listed in this catalog were established over the period January 1964 through June 1976 in support of the Energy Research and Development Administration, Nevada (ERDA/NV) underground weapons testing program at the Nevada Test Site (NTS), central Nevada, and Amchitka, Alaska. For station listings before 1964 see Coast and Geodetic Survey publication, "Seismic Data Summary Nuclear Detonation Program 1961 through 1963", by W. V. Mickey and T. R. Shugart, January 1964. Coordinates of stations instrumented for ERDA's Industrial Application Division (IAD, Plowshare) events are published in separate reports (Appendix A, page 66). In addition to the stations for monitoring the testing program, other stations established for specific seismicity studies, such as the Aleutian Seismicity Network, are also listed.

This catalog is an updated version of the last station coordinate report (Navarro and Wuollet, 1970). The user of this report will probably want to refer to the companion seismic record report, Seismic Record Summary, October 1963 thru June 1976", which is currently in review.

This catalog is divided into five sections according to the primary designation of the stations: stations designated by numbers only; stations designated by a number and a letter; stations designated by a letter and a number, named stations, and NTS test structures. Some numbers were skipped to isolate certain programs in the listing. After each section a page is left blank for station additions. Abbreviations used in this catalog are tabulated at the end of the station listings (page 70).

The station coordinates and elevations were obtained from Nevada Test Site surveys, and the most recent available U. S. Geological Survey topographic maps at the scales of 1:24,000, 1:62,500, or 1:250,000. Coordinates are in Nevada State Grid (Central) and/or geodetic designations and are expressed in feet or degrees, respectively. For the user of this catalog who would like to convert from the plane coordinates to geographic positions or vice versa, he should refer to the publication in the references (Coast and Geodetic Survey, 1954). State coordinates given to one-hundredth (0.01) of a foot (0.003m) and geodetic coordinates given to one-thousandth (0.001) of a second were determined by surveys. All elevations are given to the nearest one-tenth of a meter (0.1m) above sea level (MSL).

The term "Pad" indicates a concrete surface as opposed to the natural terrain. Leaders in this column indicate no information available. There was an inadvertent repeat of station designations (Section 2.3). Column labeled "Area" refers to the NTS map in Appendix B (in pouch, in back of report). It should also be noted that in the Nevada grid system the column labeled latitude and longitude does not apply but the designations have been used for convenience of tabulation. In some cases as in privately-owned structures, records may not be available to the public.

II. STATION PARTICIPATION: NEVADA TEST SITE EVENTS

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
1	12	N889,049	E652,507	1,551.1	Quartzite	Yes
2	12	N890,007	E646,497	1,631.6	Lm. Stn.	Yes
3	12	N890,482	E639,351	1,831.8	Bd. Tuff	Yes
4	12	N889,425	E637,637	1,965.4	Bd. Tuff	Yes
5	12	N892,222	E634,886	3,264.7	Wld. Tuff	Yes
6	12	N887,798	E637,936	1,863.5	Lm. Stn.	Yes
7	12	N887,278	E640,006	1,793.1	Lm. Stn.	Yes
8	12	N889,101	E644,553	1,668.2	Lm. Stn.	Yes
9	15	N902,454	E679,917	1,529.8	Grnt.	Yes
10	12	N890,362	E631,770	2,249.1	Wld. Tuff	Yes
11	12	N889,877	E634,381	2,286.6	Wld. Tuff	Yes
12	12	N889,646	E634,194	2,287.2	Wld. Tuff	Yes
13	12	N890,538	E634,072	2,268.0	Wld. Tuff	Yes
14	12	1390,243	E630,932	2,261.9	Wld. Tuff	Yes
15	15	N904,439	E673,807	1,661.5	Lm. Stn.	Yes
16	8	N899,362	E675,507	1,541.7	Lm. Stn.	Yes
17	15	N907,392	E681,794	1,594.4	Wld. Tuff	Yes
18	8	N881,442	E673,839	1,335.3	Alluv.	Yes
19	12	N889,395	E631,753	2,274.1	Tuff	Yes
19A	12	N889,390	E631,748	1,887.3	Tuff	Yes
21	8	N897,517	E679,084	1,449.0	Alluv.	Yes
22	15	N891,299	E680,202	1,363.7	Alluv.	Yes
23b	2	N871,572	E650,597	1,549.3	Alluv.	Yes

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
24	3	N839,966	E686,698	1,234.4	Alluv.	Yes
25	3	N843,012	E687,157	1,243.6	Alluv.	Yes
25A	3	N843,192	E684,654	1,239.0	Alluv.	Yes
26	7	N849,054	E688,247	1,272.5	Alluv.	Yes
27	9	N861,152	E683,865	1,595.0	Alluv.	Yes
235	12	N884,517.72	E634,213.57	2,308.3	Hdrk.	No
236	12	N884,505.45	E632,808.06	2,286.2	Hdrk.	No
237	12	N883,502.93	E631,822.88	2,274.4	Hdrk.	No
238	12	N882,097.42	E631,835.15	2,274.4	Hdrk.	No
239	12	N881,112.24	E632,837.67	2,302.7	Hdrk.	No
240	12	N899,685.61	E645,279.23	1,918.0	Hdrk.	Yes
241	19	N891,155.84	E614,520.74	1,956.1	Hdrk.	Yes
242	18	N862,590.91	E623,507.85	1,737.0	Alluv.	Yes
243	2	N873,415.19	E652,565.69	1,510.0	Alluv.	Yes
247	7	N857,123	E683,894	1,292.4	Alluv.	No
248	7	N859,187	E681,345	1,268.0	Alluv.	Yes
249	2	N862,490	E677,266	1,283.2	Alluv.	Yes

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259 - See 2 HR - Page 23

260 - See 3 HR - Page 23

261 - See 4 HR - Page 23

262 - See 5 HR - Page 23

Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
266	3	N821,800	E699,127	1,236.6	Alluv.	Yes
267	Nellis A.F. Range	N759,408	E719,400	957.7	Alluv.	Yes
268	2	N860,806.21	E676,935.16	1,280.8	Alluv.	No
269	2	N861,343.56	E676,558.90	1,282.6	Alluv.	No
270	2	N862,015.25	E676,088.58	1,284.4	Alluv.	No
271	2	N862,754.11	E675,571.23	1,287.2	Alluv.	No
272	2	N863,627.30	E674,959.81	1,289.9	Alluv.	Yes
273	2	N865,037.85	E673,972.14	1,298.1	Alluv.	Yes
274	4	N859,246.41	E678,132.04	1,280.2	Alluv.	No
275	4	N858,743.89	E678,553.70	1,280.2	Alluv.	No
276	4	N858,341.89	E678,891.02	1,268.0	Alluv.	No
277	4	N857,487.62	E679,607.84	1,264.9	Alluv.	No
278	4	N856,608.22	E680,345.74	1,264.9	Alluv.	Yes
279	4	N854,598.16	E682,032.38	1,264.9	Alluv.	Yes
280	7	N852,965.00	E683,402.77	1,261.9	Alluv.	Yes
281	7	N847,688.60	E687,830.19	1,264.9	Alluv.	Yes
282	3	N843,919.75	E690,992.63	1,258.8	Alluv.	Yes
283	3	N838,894.61	E695,209.22	1,258.8	Alluv.	Yes
290	19	N930,246.56	E587,671.28	2,050.7	Hrdrk.	Yes
291	20	N918,487.21	E578,221.80	1,950.6	Hrdrk.	Yes
292 NE of Beatty		N37°09.2'	W116°30.8'	1,706.9	Hrdrk.?	---
293 NE of Beatty		N37°01.4'	W116°38.6'	1,341.1	Alluv.	---
294	19	N942,355.92	E601,135.77	2,100.9	Hrdrk.	No

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
295	19	N940,455.29	E601,645.04	2,098.3	Hrdrk.	No
296	19	N937,287.57	E602,493.83	2,054.8	Hrdrk.	No
297	19	N932,535.98	E603,767.01	2,079.6	Hrdrk.	No
298	19	N923,666.36	E606,143.62	2,130.3	Hrdrk.	Yes
299	19	N914,357.76	E608,745.45	2,090.6	Hrdrk.	Yes
300	19	N898,431.19	E612,514.52	2,039.3	Hrdrk.	Yes
301	7	N903,318.23	E559,191.99	1,905.6	Alluv.	Yes
302	7	N843,594.82	E684,906.72	1,239.5	Alluv.	No
303	3	N842,819.43	E685,512.53	1,237.7	Alluv.	No
304	3	N842,914.80	E686,219.30	1,237.1	Alluv.	No
305	3	N840,880.93	E687,027.05	1,235.8	Alluv.	No
306	3	N839,330.14	E688,238.65	1,233.6	Alluv.	Yes
307	3	N837,262.42	E689,854.14	1,230.3	Alluv.	Yes
308	3	N834,160.84	E692,277.36	1,227.3	Alluv.	Yes
309	3	N830,283.85	E695,306.39	1,223.7	Alluv.	Yes
310	19	N932,423.67	E615,610.10	2,035.3	Hrdrk.	Yes
311	2	N863,884.36	E669,054.80	1,305.2	Alluv.	Yes
312	4	N852,253.41	E679,621.50	1,259.1	Alluv.	No
313	7	N848,376.43	E681,170.92	1,252.4	Alluv.	No
314	7	N846,437.94	E682,685.44	1,243.2	Alluv.	No
315	7	N845,404.08	E683,493.18	1,241.2	Alluv.	No
320	19	N927,606.28	E606,436.95	2,105.2	Hrdrk.	No
321	19	N916,159.82	E605,584.82	2,118.4	Hrdrk.	Yes
322	19	N910,642.13	E604,672.94	2,106.1	Hrdrk.	Yes

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
323	19	N901,443.08	E604,733.77	2,166.8	Hrdrk.	Yes
324	19	N932,600	E606,800	2,072.6	Hrdrk.	---
325	15	N906,000	E675,700	1,676.4	Hrdrk.	---
326	15	N907,400	E674,800	1,706.9	Hrdrk.	---
396	20	N924,000	E574,000	1,978.2	Hrdrk.	---
397	20	N921,000	E573,400	2,002.5	Hrdrk.	---
398	20	N921,882.91	E572,995.56	1,992.3	Hrdrk.	---
399	20	N913,826.72	E570,573.93	1,971.8	Hrdrk.	---
401	26	N750,300	E651,500	1,329.2	Alluv.	---
413 (Prior 10/8/70)	16	{ N37°03.03' W116°11.33' N837,137.31 E638,607.34 N840,659.35 E642,187.10 N840,360.19 E642,593.88	{	1,490.5	Hrdrk.	---
413 (Post 10/8/70)	16			1,526.9	Alluv.	---
413 (Post 10/8/70)	16			1,490.5	Alluv.	---
413 (Post 10/8/70)	16			1,490.5	Hrdrk.	---
414	9	N868,174.79	E690,312.75	1,377.0	Hrdrk.	Yes
415	Mt. Chas.	N36°24.4'	W115°33.7'	1,703.8	Hrdrk.	---
416 (LWN)	Latrp. Wells	N36°38.6'	W116°23.8'	809.2	Alluv.	---
417	20	N925,632.19	E566,676.41	1,956.8	Hrdrk.	---
418	20	N926,493.59	E564,025.29	1,931.8	Hrdrk.	---
419	20	N927,253.65	E561,686.07	1,941.6	Hrdrk.	---
420	20	N928,571.08	E557,631.42	1,929.4	Hrdrk.	---
426	4	N846,628.80	E676,523.16	1,252.9	Alluv.	Yes
427	1	N843,515.14	E676,133.26	1,250.2	Alluv.	Yes
428	1	N839,660.06	E676,178.38	1,244.7	Alluv.	Yes
429	1	N835,257.56	E676,951.03	1,237.7	Alluv.	Yes
430	1	N826,370.50	E676,990.90	1,226.8	Alluv.	Yes

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
431	6	N816,515.47	E577,301.14	1,207.6	Alluv.	Yes
432	2	N857,737.71	E574,546.33	1,278.7	Alluv.	No
433	2	N856,703.88	E673,738.61	1,277.7	Alluv.	No
434	2	N855,411.56	E672,728.94	1,276.6	Alluv.	No
435	2	N853,602.34	E671,315.42	1,274.6	Alluv.	No
441	29	N812,950.00	E582,900.00	1,771.8	Hrdrk.	No
443 (Same As 675)	30	N801,045.00	E582,600.97	1,269.2	Hrdrk.	No
444	30	N785,826.23	E581,893.75	1,220.3	Hrdrk.	No
447	30	N818,502.14	E595,182.94	1,555.3	Hrdrk.	No
449	30	N814,681.98	E606,249.26	1,683.2	Hrdrk.	No
450	29	N809,593.21	E620,990.05	1,707.5	Hrdrk.	No
453 Desert Game Range		N36°42'07"	W115°21'00"	1,645.9	Hrdrk.	No
454	Death Valley	N36°10'09"	W116°45'06"	612.6	Hrdrk.	No
456	30	N814,130.41	E580,809.52	1,827.5	Hrdrk.	No

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
457	30	N815,713.89	E578,840.93	1,815.8	Hrdrk.	No
458	30	N817,736.59	E577,533.25	1,752.8	Hrdrk.	No
459	30	N820,299.19	E567,699.83	1,700.8	Hrdrk.	No
460	30	N822,886.3	E576,595.9	1,697.8	Hrdrk.	No
461	30	N822,401.83	E577,112.87	1,705.0	Hrdrk.	No
462 (Frenchman's Peak)		N36°10.5'	W115°00.9'	624.8	Hrdrk.	---
463 (U19A)19		N920,050.61	E584,942.04	2,061.4	Hrdrk.	---
464	20	N910,196.66	E592,690.47	1,773.6	Hrdrk.	---
465	20	N944,547.17	E528,759.65	1,702.3	Hrdrk.	---
466 (U19C)19		N935,911.93	E584,674.49	2,072.6	Hrdrk.	---
467	19	N933,321.09	E584,695.37	2,011.7	Hrdrk.	---
468	19	N929,319.88	E584,727.60	1,975.1	Hrdrk.	---
469	19	N925,319.68	E584,759.84	1,985.5	Hrdrk.	---
470	19	N919,777.17	E584,804.50	2,063.5	Hrdrk.	---
471	19	N915,284.18	E584,840.70	1,978.2	Hrdrk.	---
482 (U20J)20		N928,314.63	E538,535.52	1,798.3	Hrdrk.	---
483 Lockes Microwave Tower		N38°31'10"	W115°53'21"	1,828.8	Hrdrk.	---
484	20	N917,901.67	E546,168.87	1,874.5	Hrdrk.	---
485	20	N923,250	E542,050	1,888.2	Hrdrk.	---
486	20	N925,240	E540,730	1,839.2	Hrdrk.	---
490	Pahute Mesa	N924,476.27	E551,921.13	1,872.1	Hrdrk.	---
491	Pahute Mesa	N916,360.29	E544,852.96	1,851.7	Hrdrk.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
492	Pahute Mesa	N912,860.81	E541,877.94	1,850.1	Hrdrk.	---
494	25	N747,351.8	E608,362.4	1,091.2	Hrdrk.	---
634	Mt. Butler	N380°3.04'	W117°13.72		Hrdrk.	---
		N1,200,900	E338,050	2,133.6	Hrdrk.	---
670	20	N722,248.85	E549,526.98	1,850.6	Hrdrk.	---
671	20	N903,347.79	E554,648.21	1,897.3	Hrdrk.	---
672	13	N875,299.24	E568,802.86	1,635.0	Hrdrk.	---
673	ETS 1-AZ Line	N869,790.12	E581,968.87	1,702.1	Hrdrk.	---
674	ETS 1-AZ Line	N825,950	E580,180	1,664.2	Hrdrk.	---
675	(Same as 443)					
676	ETS 1-AZ Line	N770,721.90	E602,556.76	1,427.5	Hrdrk.	---
677	ETS 1-AZ Line	N785,930.35	E614,635.65	1,511.6	Hrdrk.	---
678	Well J-13	N749,308.32	E579,994.54	1,012.1	Alluv.	---
679	ETS 1-AZ Line	N36°52'03"	W116°13'02"	1,373.0	Alluv.	---
680	(LSM)28	N724,145.34	E615,773.78	1,145.7	Hrdrk.	---
681	ETS 1-AZ Line	N851,178.69	E592,979.69	1,629.6	Hrdrk.	---
682	ETS 1-AZ Line	N819,000	E593,500	1,524.0	Hrdrk.	---
683	ETS 1-AZ Line	N752,880.50	E590,366.23	1,060.2	Alluv.	---
740	9	N866,850	E681,950	1,281.7	Alluv.	---
741	9	N868,275	E686,660	1,316.7	Alluv.	---
746	2	N879,494.26	E654,992.76	1,489.0	Alluv.	---
747	2	N878,242.56	E659,573.91	1,402.4	Alluv.	---
748	2	N875,108.54	E663,020.37	1,365.9	Alluv.	---
749	2	N870,889.35	E663,755.04	1,343.3	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
750	2	N865,933.35 E662,147.31	1,344.3	Alluv.	---
751	2	N862,555.74 E658,783.53	1,377.2	Alluv.	---
752	2	N861,744.41 E654,621.77	1,430.5	Alluv.	---
753	2	N863,390.98 E651,032.88	1,491.5	Alluv.	---
754	2	N867,816.12 E648,710.91	1,557.0	Alluv.	---
755	2	N870,511.66 E646,872.32	1,638.1	Alluv.	---
756	2	N876,125.51 E648,604.60	1,659.1	Alluv.	---
757	2	N878,727.68 E650,740.32	1,610.6	Alluv.	---
758	2	N889,539.17 E675,700.24	1,394.6	Alluv.	---
759	8	N886,561.30 E679,370.03	1,321.6	Alluv.	---
760	10	N881,862.19 E681,139.79	1,310.0	Alluv.	---
761	10	N877,068.79 E680,115.00	1,296.9	Alluv.	---
762	9	N872,899.67 E676,899.67	1,307.7	Alluv.	---
763	2	N871,076.86 E672,437.59	1,318.8	Alluv.	---
764	2	N871,842.73 E667,266.96	1,337.7	Alluv.	---
765	2	N875,158.45 E663,517.73	1,365.0	Alluv.	---
766	2	N879,961.12 E661,612.35	1,400.5	Alluv.	---
767	8	N884,863.85 E662,905.84	1,426.3	Alluv.	---
768	8	N889,047.38 E665,809.76	1,449.6	Alluv.	---
769	8	N890,635.53 E670,058.80	1,469.7	Alluv.	---
770	9	N873,195.51 E685,158.51	1,306.1	Alluv.	---
771	9	N872,130.54 E689,498.81	1,364.6	Alluv.	---
772	9	N869,068.76 E690,907.65	1,388.8	Alluv.	---
773	9	N863,687.22 E694,924.78	1,392.0	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
774	9	N858,873.54	E693,676.88	1,357.0	Alluv.	---
775	9	N855,061.95	E689,894.96	1,312.3	Alluv.	---
776	9	N853,830.10	E685,191.09	1,279.7	Alluv.	---
777	9	N854,961.30	E680,238.22	1,261.9	Alluv.	---
778	9	N859,117.39	E676,699.10	1,276.3	Alluv.	---
779	9	N863,535.09	E675,306.67	1,290.1	Alluv.	---
780	9	N868,667.59	E676,758.75	1,299.0	Alluv.	---
781	9	N871,874.75	E680,417.48	1,288.1	Alluv.	---
785	2	N868,000.00	E684,800.00	1,295.8	Alluv.	---
786	2	N862,672.81	E686,969.05	1,312.8	Alluv.	---
787	2	N856,973.60	E685,538.96	1,296.3	Alluv.	---
788	2	N853,124.88	E682,068.52	1,265.3	Alluv.	---
789	2	N850,633.92	E676,641.30	1,259.4	Alluv.	---
790	2	N851,720.77	E670,729.63	1,274.1	Alluv.	---
791	2	N855,687.98	E666,262.82	1,302.8	Alluv.	---
792	2	N860,572.14	E664,468.00	1,322.5	Alluv.	---
793	2	N866,357.68	E665,741.79	1,320.8	Alluv.	---
794	2	N871,078.54	E669,030.56	1,329.1	Alluv.	---
795	2	N873,247.37	E674,294.73	1,318.3	Alluv.	---
799	LV,NV	N626,325	E525,900	623.0	Alluv.	---
800	LV,NV	N616,700	E517,600	649.8	Alluv.	---
801	LV,NV	N609,050	E511,800	685.8	Alluv.	---
802	LV,NV	N 36°09'47.4"		637.6	Alluv.	---
			W115°10'43.5"			

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
803	LV,NV	N621,600	E511,100	630.3	Alluv.	---
804	LV,NV	N613,950	E505,425	664.0	Alluv.	---
805	LV,NV	N629,290	E513,000	615.1	Alluv.	---
806	LV,NV	N36°08.58'	W115°9.68'	626.7	Alluv.	---
807	LV,NV	N636,200	E512,090	576.4	Alluv.	---
808	LV,NV	N630,200	E506,490	614.9	Alluv.	---
809	LV,NV	N627,700	E503,350	619.4	Alluv.	---
		N36°07'56"	W115°09'08"	619.4	Alluv.	---
810	LV,NV	N36°07'33"	W115°10'00"	632.5	Alluv.	---
811	LV,NV	N619,500	E498,810	645.9	Alluv.	---
812	LV,NV	N630,680	E499,820	617.8	Alluv.	---
813	LV,NV	N641,375	E505,420	562.1	Alluv.	---
814	LV,NV	N36°07'06.2"	W115°08'18.8"	612.6	Alluv.	---
815	LV,NV	N624,660	E491,470	641.6	Alluv.	---
816	LV,NV	N36°11'13.5"	W115°11'53.2"	667.5	Alluv.	---
817	LV,NV	N36°09'37"	W115°03'49"	527.3	Alluv.	---
818	LV,NV	N36°11'33"	W115°04'48"	549.9	Alluv.	---
819	LV,NV	N36°13'15"	W115°07'22.5"	578.1	Alluv.	---
820	LV,NV	N36°12'38"	W115°12'15"	673.6	Alluv.	---
821	LV,NV	N36°11'43.8"	W115°14'30"	712.0	Alluv.	---
822	LV,NV	N36°09'32.7"	W115°14'34.5"	731.8	Alluv.	---
823	LV,NV	N36°06'09"	W115°14'30"	722.4	Alluv.	---
824	LV,NV	N36°04'58"	W115°11'52"	690.4	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
827/ SE-1	Ranger Mtns.	N736,831.75	E725,137.79	1,074.5	Alluv.	No
829	5	N768,309.07	E698,732.73	1,000.5	Alluv.	No
829A	5	N36°51'17.5"	W115°59'53.0"	1,015.0	Alluv.	---
829B	5	N36°54'13.2"	W115°57'15.0"	1,280.2	Alluv.	---
829C	5	N36°54'38.0"	W115°56'05.0"	1,255.8	Alluv.	---
829D	5	N36°54'17.0"	W115°56'02.5"	1,304.5	Alluv.	---
830	6	N815,836.11	E658,900.77	1,386.0	Alluv.	No
833 (See 634 for top station)	Mt. Butler Bottom, SE	N38°2,86' N1,199,800	W117°13.64' E338,600	1,956.8	Hrdrk.	---
834	Mt. Butler Middle SE	N38°2.98' N1200,500	W117°13.70' E338,200	2,063.5	Hrdrk.	---
835	Mt. Butler Middle N.W.	N38°3.09' N1201250	W117°13.76' E337,900	2,103.1	Hrdrk.	---
836	Mt. Butler Bottom, N.W.	N38°3.23' N1202000	W117°13.79' E337,300	2,026.9	Hrdrk.	---
841	2	N866,500.10	E670,150.41	1,311.2	Alluv.	---
842	2	N862,304.68	E671,176.78	1,296.7	Alluv.	---
843	29	N804,600	E630,050	1,737.4	Hrdrk.	No
853	11	N829,666.55	E692,578.20	1,235.0	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
854	3	N829,350.19	E696,293.79	1,235.0	Alluv.	---
855A	3	N828,880.04	E698,988.45	1,235.0	Alluv.	---
855B	3	N829,053.82	E699,734.71	1,236.0	Hrdrk.	---
856	North of Alamo	N37°31.7'	W115°10.0'	1,524.0	Alluv/ Hrdrk.	---
857	Caliente	N37°38.3'	W114°45.25'	1,524.0	Alluv./ Limestone	---
858	9	N854,839.66	E698,187.66	1,230.0	Alluv.	---
859	1	N828,197.72	E688,978.20	1,213.3	Alluv.	---
862	3	N823,150.29	E691,367.67	1,207.1	Alluv.	---
863	3	N822,514.62	E689,263.57	1,207.3	Alluv.	---
869	3	N825,000	E700,500	1,248.2	Alluv.	---
870	1	N825,200	E675,500	1,230.3	Alluv.	---
871	1	N835,108.22	E680,018.23	1,230.3	Alluv.	---
872	Beatty, NV (Downhole)	N36°53.93'	W116°45.40'	999.7	Hrdrk.	---
873	Beatty, NV (Surface)	N36°53.93'	W116°45.40'	999.7	Alluv.	---
874	Las Vegas, (Golden Nugget)	NV N36°10'14.0"	W115°08'37.5"	616.6	Alluv.	---
875	Las Vegas, (Union Plaza)	NV N36°10.32'	W115°08.76'	670.6	Alluv.	---
876	Las Vegas, (UNLV Stadium)	NV N36°05.4'	W115°1.5'	493.8	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
886 (Bottom E.Side)	Nasa Mtn.	N37°04'52"	W116°48'26"	1,292.4	Hrdrk.	---
887 (Middle E.Side)	Nasa, Mtn.	N37°04'52.5"	W116°48'47"	1,402.1	Hrdrk.	---
888 (Top)	Nasa, Mtn.	N37°04'53"	W116°49'05"	1,481.3	Hrdrk.	---
889 (Top S.End)	Nasa, Mtn.	N37°04'36"	W116°49'00"	1,390.9	Hrdrk.	---
890 (Top N.End)	Nasa, Mtn.	N37°05'14"	W116°48'57"	1,408.2	Hrdrk.	---
891 (Middle West)	Nasa, Mtn.	N37°04'53.5"	W116°49'14"	1,444.8	Hrdrk.	---
892 (Bottom West)	Nasa, Mtn.	N37°04'54"	W116°49'27"	1,335.0	Hrdrk.	---
893	Las Vegas, NV	N36°06'50.4"	W115°06'29.3"	591.3	Alluv.	---
894	Las Vegas, NV	N36°14'21.5"	W115°13'30.0"	691.3	Alluv.	---
896	4	N845,250	E672,658	1,311.0	Alluv.	---
897	Gravel Pit (Inside)	N38°25.00'	W116°10.75'	1,668.8	Alluv.	---
898	Gravel Pit (Outside)	N38°25.00'	W116°10.70'	1,676.4	Alluv.	---
910	Las Vegas, NV	N36°5.98'	W115°06.39'	563.9	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
911	Las Vegas, NV	N36°4.273'	W115°4.912'	579.1	Alluv.	---
912	Henderson, NV	N36°01.81'	W115°02.82'	707.1	Alluv.	---
913	Boulder City, NV	N35°56.59'	W115°58.44	777.0	Alluv.	---

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
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2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
1-300	1	N839,048	E667,620	1,278.0	Alluv.	Yes
2-300	2	N870,102	E663,008	1,342.6	Alluv.	Yes
2-380	2	N869,608	E657,054	1,406.3	Alluv.	Yes
2-8003-1	2	N879,266	E663,537	1,385.3	Alluv.	Yes
3-330	3	N837,222	E686,383	1,227.1	Alluv.	Yes
4-330	4	N854,035	E666,518	1,295.7	Alluv.	Yes
4-480	4	N865,650	E667,420	1,290.2	Alluv.	Yes
7-800	7	N848,126	E687,540	1,267.4	Alluv.	Yes
7-801	7	N852,625	E684,943	1,271.3	Alluv.	Yes
7-802	7	N852,625	E690,138	1,297.2	Alluv.	Yes
9-300	9	N864,583	E682,419	1,274.7	Alluv.	Yes
9-801	9	N871,570	E683,029	1,292.7	Alluv.	Yes
9-802	9	N866,637	E684,656	1,294.8	Alluv.	Yes
18-1	18	N858,419	E590,211	1,651.1	Bslt.	Yes
18-2	18	N857,343	E591,319	1,652.9	Bslt.	Yes
18-3	18	N853,819	E592,008	1,649.0	Bslt.	Yes
18-4	18	N850,230	E593,833	1,656.6	Bslt.	Yes
7.2a1	9	N867,337	E679,822	1,597.2	Alluv.	Yes
7.2a2	10	N881,276	E678,576	1,305.8	Alluv.	Yes
51.1	1	N836,208	E671,934	1,252.7	Alluv.	Yes
504:07	5	N749,401	E716,206	936.7	Alluv.	Yes
504:08	5	N750,894	E715,294	936.3	Alluv.	Yes
504:09	5	N753,880	E713,470	936.7	Alluv.	Yes
504:10	5	N759,853	E709,822	950.1	Alluv.	Yes

2.1 Stations Designated by Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
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2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
1A	20	N910,625.85	E562,261.89	1,923.3	Alluv.	Yes
2A	20	N911,070.70	E561,383.50	1,911.7	Alluv.	No
4A	20	N912,418.81	E558,721.61	1,915.1	Hrdrk.	No
10A	20	N920,620.35	E542,527.27	1,877.6	Hrdrk.	Yes
11A	20	N923,664.77	E536,515.43	1,889.8	Hrdrk.	Yes
18A	18	N855,795	E590,324	1,639.2	Bslt.	Yes
1B	19	N887,560.70	E577,810.80	1,645.0	Bslt.	---
18B	18	N856,239	E590,727	1,645.0	Bslt.	Yes
18C	18	N856,757	E591,198	1,650.5	Bslt.	Yes
18D	18	N857,201	E591,601	1,650.8	Bslt.	Yes
18E	18	N857,498	E591,870	1,649.3	Bslt.	Yes
18F	18	N852,633	E595,270	1,634.6	Bslt.	Yes
18G	18	N852,949	E595,127	1,635.6	Bslt.	Yes
18H	18	N853,586	E594,837	1,634.3	Bslt.	Yes
19A	12	N889,390	E631,748	1,887.3	Tuff	Yes
25A	3	N843,192	E684,654	1,239.0	Alluv.	Yes
1B	18	N887,560.70	E577,810.80	1,807.5	Hrdrk.	Yes
2B	18	N876,690.38	E599,345.51	1,775.8	Hrdrk.	Yes
3B	18	N869,374.09	E606,661.02	1,621.8	Alluv.	Yes
4B	17	N849,434.09	E626,601.82	1,673.4	Hrdrk.	Yes
5B	5	N36°49'04.98" W115°57'27.82" N753,500.25 E707,999.24		943.4	Hrdrk.	No
23B	2	N871,572	E650,597	1,549.3	Alluv.	Yes
1D	2	N866,433	E673,064	1,303.3	Alluv.	No

2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
2D	2	N868,134	E671,175	1,313.2	Alluv.	No
3D	2	N870,548	E668,494	1,329.0	Alluv.	Yes
4D	2	N874,059	E664,594	1,355.9	Alluv.	Yes
5D	2	N879,985	E658,013	1,403.6	Alluv.	Yes
1DW	5	N752,141	E707,082	942.1	Alluv.	Yes
2DW	5	N751,053	E706,348	941.1	Alluv.	Yes
3DW	5	N749,421	E705,248	941.4	Alluv.	Yes
4DW	5	N747,518	E703,964	943.3	Alluv.	Yes
5DW	5	N745,614	E702,680	943.8	Alluv.	Yes
6DW	5	N743,439	E701,213	943.7	Alluv.	Yes
7DW	5	N740,447	E699,195	949.8	Alluv.	Yes
8DW	5	N737,184	E696,994	958.4	Alluv.	Yes
9DW	5	N733,105	E694,242	971.4	Alluv.	Yes
10DW	5	N729,026	E691,491	987.6	Alluv.	Yes
4F	2	N850,326.80	E685,616.48	1,173.5	Alluv.	Yes
1G	10	N875,635.28	E679,885.52	1,296.9	Alluv.	No
2G	9	N873,767.75	E680,328.22	1,293.4	Alluv.	No
2G'	9	N870,600	E681,000 Approx.	1,280.2	Alluv.	No
3G	9	N867,695.50	E681,730.11	1,285.0	Alluv.	No
4G	9	N860,664.52	E683,353.34	1,287.8	Alluv.	Yes
5G	7	N852,354.99	E685,271.75	1,271.0	Alluv.	Yes
6G	3	N842,447.62	E687,559.04	1,242.7	Alluv.	Yes
7G	3	N828,385.56	E690,805.53	1,212.6	Alluv.	Yes
8G	10	N875,798.84	E677,718.71	1,303.6	Alluv.	No

2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
9G	9	N874,248.20	E677,184.79	1,305.6	Alluv.	No
10G	9	N873,627.96	E676,971.22	1,305.8	Alluv.	No
11G	2	N861,222.79	E672,699.78	1,289.3	Alluv.	Yes
12G	4	N853,159.47	E669,923.36	1,280.8	Alluv.	Yes
13G	1	N843,545.49	E666,613.00	1,292.7	Alluv.	Yes
14G	1	N829,899.87	E661,914.43	1,300.3	Alluv.	Yes
1 HR (258)	11	N810,615.80	E704,354.14	1,044.7	Hrdrk.	Yes
2 HR (259)	5	N778,018.93	E715,287.07	1,061.0	Hrdrk.	Yes
3 HR (260)	Offst.	N747,750.81	E735,315.23	1,044.7	Hrdrk.	Yes
4 HR (261)	Offst.	N36°43.4'	W115°54.1'	1,280.2	Hrdrk.	Yes
5 HR (262)	Offst.	N36°35.73'	W115°44.4'	1,219.2	Hrdrk.	Yes
1N	8	N887,000	E674,700	1,355.8	Alluv.	Yes
2N	8	N887,600	E673,320	1,386.2	Hrdrk.	Yes
3N	8	N889,820	E675,590	1,432.0	Hrdrk.	Yes
4N	8	N891,375	E674,600	1,434.1	Hrdrk.	Yes
5N	8	N893,810	E673,690	1,508.8	Hrdrk.	-----
6N	15	N897,100	E672,400	1,595.6	Hrdrk.	Yes
1P	20	N918,700.94	E546,317.24	1,866.9	Hrdrk.	Yes
2P	20	N917,515.42	E548,658.11	1,869.3	Hrdrk.	Yes
3P	20	N916,329.90	E550,998.97	1,864.8	Hrdrk.	Yes
4P	20	N914,774.04	E554,071.08	1,869.0	Sh. All.	Yes
4PX	20	N914,030	E555,530	1,877.6	Sh. All.	-----

2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
5P	20	N913,292.71	E556,996.05	1,890.4	Sh. Alluv.	Yes
5PX	20	N912,440	E558,680	1,917.8	Sh. Alluv.	---
6P	20	N911,590.07	E560,357.98	1,917.2	Sh. Alluv.	---
7P	20	N909,661.63	E564,165.79	1,937.0	Alluv.	Yes
8P	20	N907,365.10	E568,700.38	1,986.7	Hrdrk.	Yes
9P	20	N905,513.43	E572,365.59	1,959.3	Alluv.	Yes
10P	20	N903,883.06	E575,575.84	1,998.9	Alluv.	Yes
1PD	2	N866,818	E674,554	1,301.3	Alluv.	No
2PD	2	N867,888	E674,922	1,302.4	Alluv.	No
3PD	2	N869,129	E675,349	1,305.2	Alluv.	No
4PD	2	N870,679	E675,883	1,307.1	Alluv.	No
5PD	9	N872,633	E676,556	1,306.0	Alluv.	No
6PD	9	N874,494	E677,197	1,303.9	Alluv.	Yes
7PD	10	N878,339	E678,521	1,302.6	Alluv.	Yes
8PD	10	N882,634	E680,000	1,312.2	Alluv.	Yes
9PD	10	N887,643	E681,724	1,329.8	Alluv.	Yes
10PD	15	N893,411	E683,711	1,369.3	Alluv.	Yes
1S	2	N879,000	E674,700	1,323.1	Alluv.	Yes
2S	2	N878,290	E673,410	1,328.3	Alluv.	Yes
3S	2	N876,250	E672,900	1,326.5	Alluv.	Yes
4S	2	N874,600	E674,700	1,315.8	Alluv.	Yes
5S	2	N872,450	E671,950	1,322.5	Alluv.	Yes
6S	2	N868,850	E674,700	1,305.2	Alluv.	Yes
7S	2	N867,110	E670,600	1,311.6	Alluv.	Yes

2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
1S-18	18	N852,634.1	E594,030	1,638.0	Bslt.	Yes
2S-18	18	N852,470.1	E594,030	1,637.4	Bslt.	Yes
3S-18	18	N851,223.8	E594,030	1,619.1	Bslt.	Yes
4S-18	18	N848,108.1	E594,030	1,610.0	Bslt.	Yes
1W-18	18	N853,290	E593,374.1	1,640.7	Bslt.	Yes
2W-18	18	N853,290	E593,210.1	1,640.7	Bslt.	Yes
3W-18	18	N853,290	E591,963.8	1,641.3	Bslt.	Yes
4W-18	18	N853,290	E588,848.1	1,610.9	Bslt.	Yes

2.2 Stations Designated by Numbers and Letters:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
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2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
A-1	51	N881,778	E712,396	1,566.7	Alluv.	Yes
A-1X	51	N890,200	E713,050	1,455.4	Alluv.	Yes
A-2	51	N37°12.0'	W115°40.0'	1,493.5	Hrdrk.	Yes
A-2X	51	N37°13.4'	W115°44.5'	1,402.1	Hrdrk.	Yes
A-3	Nellis Rng.	N37°15.0'	W115°26.0'	1,219.2	Alluv.	No
A-4	Prvt. Prop.	N37°16.0'	W115°08.0'	1,219.2	Alluv.	No
A-5	Pblc. Dom.	N37°16.5'	W114°35.0'	1,463.0	Hrdrk.	No
A-5X	Prvt. Prop.	N37°19.5'	W114°50.4'	1,219.2	Alluv.	---
A-6	Prvt. Prop.	N37°18.0'	W115°35.0'	1,521.0	Hrdrk.?	No
A-19#1N	19	N37°18'08.6520" N929,191.58	W116°22'26.8569" E585,085.27	1,985.6	Hrdrk.	Yes
A-19#1S	19	N37°18'07.9997" N929,125.61	W116°22'26.8594" E585,085.27	1,985.6	Hrdrk.	Yes
A-19#2N	19	N37°19'12.1947" N935,617.82	W116°22'26.6542" E585,081.75	2,025.6	Hrdrk.	Yes
A-19#2S	19	N37°19'11.5424" N935,551.85	W116°22'26.6568" E585,081.75	2,025.2	Hrdrk.	Yes
A-19#3	19	N37°20'02.9605" N940,750.59	W116°22'31.8311" E584,647.78	2,058.3	Hrdrk.	Yes
A-19#4	19	N37°21'30.7892" N949,636.30	W116°22'18.3671" E585,707.37	2,040.0	Hrdrk.	Yes
A-401	26	N750,300	E651,500	1,328.9	Hrdrk.	Yes
AM-1	Ash Meadows	N36°28'	W116°18'	719.3	Hrdrk.	No
AM-2	Ash Meadows	N36°29'	W116°19'	698.0	Alluv.	No

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
A-M-1N	Offst.	N37°15.5'	W115°6.3'	1,097.3	Alluv.	No
A-M-2N	Offst.	N37°15.5'	W115°5.7'	1,097.3	Alluv.	No
A-M-1S	Offst.	N37°13.5'	W115°5.2'	1,066.8	Alluv.	No
A-M-2S	Offst.	N37°14.2'	W115°05.7'	1,036.3	Alluv.	No
B-1	17	N855,320	E639,000	1,674.0	Hrdrk.	Yes
B-2	18	N845,300	E607,400	1,508.5	Hrdrk.	Yes
B-3	Offst.	N826,800	E548,750	1,554.5	Alluv.	No
B-4	Offst.	N36°54.4'	W116°45.6'	1,021.1	Alluv.	No
B-5	Offst.	N36°49.5'	W117°00.0'	1,554.5	Hrdrk.	No
B-6	Offst.	N36°47.5'	W117°08.2'	2,407.9	Hrdrk.	No
BPF-601	Offst.	N37°27.3'	W116°15.8'	1,670.3	Hrdrk.	---
BPF-602	Offst.	N37°29.25'	W116°16.75'	1,700.8	Hrdrk.	---
BPF-603	Offst.	N37°34.8'	W116°18.7'	1,889.8	Hrdrk.	---
BPF-604	Offst.	N37°42.7'	W116°18.0'	2,133.6	Hrdrk.	---
BPF-605	Offst.	N37°50.9'	W116°19.4'	2,097.0	Hrdrk.	---
BPF-606	Offst.	N37°59.85'	W116°23.4'	1,950.7	Hrdrk.	---
BPF-607	Offst.	N38°15.3'	W116°24.6'	2,072.6	Hrdrk.	---
BPF-608	Offst.	N38°34.3'	W116°28.8'	2,014.7	Hrdrk.	---
BPF-609	Offst.	N39°02.5'	W116°30.5'	2,347.0	Hrdrk.	---
C1	9	N873,720.49	E680,907.19	1,293.3	Alluv.	Yes
C2	9	N874,267.94	E679,750.55	1,295.4	Alluv.	Yes
C3	9	N874,738.41	E678,756.56	1,298.8	Alluv.	Yes
C4	10	N875,264.48	E677,645.09	1,304.2	Alluv.	Yes
C5	10	N875,559.58	E677,021.59	1,305.8	Alluv.	Yes

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
C6	10	N875,993.70	E676,104.40	1,310.0	Alluv.	Yes
C6X	Pblc. Dom.	N38° 10.4'	W114° 58.8'	1,743.5	Hrdrk.	No
C7	10	N876,442.78	E675,155.59	1,318.3	Alluv.	Yes
C8	2	N878,435.84	E670,944.67	1,344.8	Alluv.	Yes
C9	2	N880,700.49	E666,159.95	1,381.0	Alluv.	Yes
C10	2	N883,121.69	E661,044.49	1,432.0	Alluv.	Yes
C11	2	N886,348.06	E654,227.86	1,503.0	Alluv.	Yes
<u>CP1</u>						
(Accel.)	6	N794,720	E678,550	1,284.7	Dolm.	--
(Benioff)	6	N794,195	E678,750	1,284.7	Dolm.	--
(CP1)(CPX) (NGC-21)	6	N793,930 N36° 55.77'	E677,780 W116° 03.50'	1,310.6	Dolm.	Yes
CP17 (CPN)	18	N37° 08.63' N877,839.71	W116° 16.28' E617,156.93	1,761.5	Hrdrk.	Yes
DP-1	12	N881,757	E633,560	2,319.5	Hrdrk.	--
DT1	8	N880,037.85	E665,258.77	1,383.5	Alluv.	Yes

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
DT2	2	N877,106.8	E664,906.8	1,371.3	Alluv.	Yes
DT3	2	N871,842.4	E664,306.98	1,345.7	Alluv.	Yes
DT4	2	N869,210.2	E664,007.1	1,335.3	Alluv.	Yes
DT5	2	N866,577.98	E663,707.18	1,333.8	Alluv.	Yes
DT6	4	N857,986.05	E662,728.25	1,331.1	Alluv.	Yes
Fl.11X1	Offst.	N749,748	E716,000	938.8	Alluv.	---
L-1	12	N883,100	E648,250	1,865.4	Hdrk.	Yes
L-2	12	N889,395	E631,753	2,267.7	Hdrk.	Yes
L-3	20	N908,200	E563,200	1,926.0	Hdrk.	No
L-4	Offst.	N37°17.5'	W116°46.9'	1,767.8	Hdrk.	No
L-5	Offst.	N37°21.5'	W117°02.5'	1,280.2	Alluv.	No
L-6	Offst.	N37°24.5'	W117°16.0'	1,524.0	Alluv.	No
L01	17	N875775	E568,150	1,697.7	Alluv.	----
L02	19	N37°11.87' N890,950	W116°22.72' E583,900	2,019.3	Hdrk.	----
L03	19	N899,875	E588,312	1,865.4	Hdrk.	----
L04	19	N903,025	E601,750	2,188.5	Hdrk.	----
L05	19	N901,166.3	E608,087.6	2,044.8	Hdrk.	----
L06	19	N890,300	E621,200	1,926.3	Hdrk.	----
L07	2	N874,630	E650,350	1,585.0	Alluv.	----
L08	4	N858,151	E677,997	1,274.4	Alluv.	----
L09	1	N844,633	E681,481	1,243.6	Alluv.	----
L10	14	N805,350	E644,050	1,411.2	Alluv.	----
LW-1	Lathrop Wells, NV	N36°39.8'	W116°21.7'	887.0	Hdrk.	No

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
LW-2	Lathrop Wells, NV	N36°40.1'	W116°23.9'	838.2	Alluv.	No
M1	2	N867,131	E670,175	1,311.2	Alluv.	Yes
M2	9	N873,171	E688,661	1,356.4	Alluv.	Yes
M3	51	N881,778	E712,396	1,566.7	Alluv.	Yes
M4	7	N845,170	E701,170	1,339.3	Alluv.	Yes
M5	12	N885,572	E633,346	2,301.2	Tuff	Yes
M6	3	N829,535	E691,067	1,214.0	Alluv.	Yes
M7	3	N831,772	E684,912	1,218.6	Alluv.	Yes
M8	3	N839,989	E696,001	1,271.9	Alluv.	Yes
M9	1	N826,254	E657,323	1,362.2	Im. Stn.	Yes
M10	3	N829,542	E695,879	1,224.4	Alluv.	Yes
M11	9	N865,459	E687,977	1,324.4	Hrdrk.	Yes
M12	9	N861,916	E680,083	1,278.0	Alluv.	Yes
M13	11	N802,777	E707,419	1,257.6	Alluv.	Yes
M14	4	N834,400	E656,900	1,322.8	Alluv.	Yes
M15	10	N837,400	E691,650	1,237.5	Alluv.	Yes
M16	7	N848,175	E696,300	1,310.6	Alluv.	Yes
M17	7	N853,450	E701,300	1,377.7	Hrdrk.	Yes
M18	11	N808,100	E707,875	1,249.7	Alluv.	Yes
M19	4	N853,350	E651,050	1,463.0	Tuff	Yes
M20	15	N890,325	E688,350	1,365.5	Alluv.	Yes
M21	9	N860,788.11	E681,528.89	1,275.6	Alluv.	Yes
M22	7	N858,810.37	E681,823.04	1,273.8	Alluv.	Yes
M23	7	N856,832.64	E682,117.18	1,273.1	Alluv.	Yes

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
M24	7	N854,854.90	E682,411.32	1,268.6	Alluv.	Yes
M25	7	N852,877.19	E682,705.47	1,266.1	Alluv.	Yes
M26	7	N850,899.43	E682,999.61	1,256.1	Alluv.	Yes
M27	7	N848,921.69	E683,293.76	1,249.4	Alluv.	Yes
M28	7	N846,943.96	E683,587.90	1,246.3	Alluv.	Yes
M29	3	N844,966.22	E683,882.04	1,242.1	Alluv.	Yes
M30	3	N842,988.49	E684,176.19	1,237.2	Alluv.	Yes
M31	3	N841,010.75	E684,470.33	1,234.7	Alluv.	Yes
M32	3	N832,750	E701,200	1,389.9	Alluv.	Yes
M-01	Amchitka Island Dock	N51°24'34.786" E179°17'41.677" N5,697,668.10 E659,606.68		40	Marsh	---
M-02	Amchitka Island LASL Compound	N51°22'28.46" E179°15'09.61" N5,693,670.21 E656,789.08		34	Marsh	---
M-03	Amchitka Island North Hangar	N51°22'51.24" E179°15'36.50"		34	Marsh	---
M-04	Amchitka Island S-35	N5,711,405.8 E638,793.49		62	Hrdrk.	---
M-05	Amchitka Island (ASB)	N51°21'37.62" E179°14'50.65"		34	Marsh	---
M-06	Amchitka Island (ASD)	N51°23'26.47" E179°20'31.60"		61	Marsh	---

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
M-07	Amchitka Island (ANB)	N51°36'22.34"	E178°48'40.59"	160	Hrdrk.	---
M-08	Shemya Island	N52°42'35"	E174°06'50"	58	Hrdrk.	---
M-09	Adak Island	N51°53'01.4"	W176°34'49.4"	116	Hrdrk.	---
M-10	Amchitka Island (CP)	N51°37'42"	E178°39'23"	133	Hrdrk.	---
MDPK 1	8	N883,550.31	E674,699.43	1,330.5	Hrdrk.	Yes
MDPK 2	8	N881,850.72	E674,699.43	1,328.9	Hrdrk.	Yes
MDPK 3	8	N881,250.93	E674,699.43	1,327.4	Alluv.	Yes
MDPK 4	8	N880,751.06	E674,699.43	1,327.4	Alluv.	Yes
MDPK 5	8	N880,251.20	E674,699.43	1,325.9	Alluv.	Yes

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
Q25	Mercury, NV	N36°39.64'	W115°59.43'	1,167.4	Alluv.	Yes
S1	15	N904,439	E673,807	1,661.5	Hrdrk.	Yes
S2	Offst.	N976,900	E669,600	1,981.2	Hrdrk.	Yes
S3	Offst.	N37°34.4'	W116°04.8'	1,767.8	Hrdrk.	No
S4	Railroad Valley NV	N37°45.9'	W116°06.9'	1,706.9	Alluv.	No
S5	Reveille Range NV	N38°07.0'	W116°11.6'	1,828.8	Hrdrk.	No
S6	Hot Creek Valley NV	N38°20.6'	W116°11.7'	1,676.4	Alluv.	No
SE-1 (827)	Ranger Mtn. NV	N36°45.25' N736,831.75	W115°53.30' E725,137.79	1,280.2	Hrdrk.	No
SE-2	Indian Springs NV	N36°34.70'	W115°37.25'	975.4	Hrdrk.	No
SE-3	Lee Canyon NV	N36°30'45"	W115°26'47"	972.3	Alluv.	No
SE-4	Charleston Turn-Off NV	N36°22.15'	W115°20.34'	862.6	Alluv.	No
SE-5	Egg Ranch NV (Prior to 3/75)	N36°15.84'	W115°13.98'	643.1	Alluv.	No
SE-6 (LVN)	UNLV NV (post 3/75)	N36°06.55' N36°06'33.8"	W115°08.40' W115°08'31.5"	670.6 617.2	Alluv. Alluv.	No No
SM1	1	N829,812	E670,020	1,255.8	Alluv.	Yes
SM2	11	N801,230	E707,249	1,266.4	Alluv.	Yes
S.R.-1 (Test Structure) 3		N830,330.74	E690,000.00	1,216.2	Alluv.	Yes
S.R.-2 (Test Structure) 3		N828,901.11	E690,000.00	1,213.1	Alluv.	Yes

2.5 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
SR-3(Test Structure) 12		N893,695.68	E628,022.98	2,261.6	Tuff	Yes
SR-4(Test Structure) 12		N887,287.81	E632,172.31	2,267.7	Tuff	Yes
SR-5(Test Structure) 12		N883,710.79	E633,638.01	2,334.8	Tuff	Yes
T1	12	N900,000	E651,300	1,615.4	Hdrk.	Yes
T2	19	N934,100	E615,000	2,011.7	Hdrk.	Yes
T3	Nellis A.F. Range	N37°24.9'	W116°23.7'	1,645.9	Alluv.	Yes
T4	Nellis A. F. Range	N37°35'09"	W116°37'24"	1,767.8	Alluv.	Yes
T5	Mid Lake, NV	N37°49'54"	W117°00'48"	1,585.0	Alluv.	Yes
T6	Tonopah	N38°03.9'	W117°13.9'	1,828.8	Hdrk.	Yes
TT1	15	N901,270.52	E677,885.92	1,558.1	Hdrk.	No
TT2	15	N900,893.62	E678,057.68	1,523.4	Hdrk.	No
TT3	15	N900,505.65	E677,912.63	1,517.9	Hdrk.	No
TT4	15	N900,333.89	E677,535.73	1,519.4	Hdrk.	No
TT5	15	N900,478.94	E677,147.76	1,518.5	Hdrk.	No
TT6	15	N900,855.84	E676,976.00	1,530.1	Hdrk.	No
TT7	15	N901,243.81	E677,121.05	1,542.3	Hdrk.	No
TT8	15	N901,415.57	E677,497.95	1,544.7	Hdrk.	No
TT9	15	N901,758.28	E676,569.35	1,550.2	Hdrk.	No
TT10	15	N903,256.98	E674,962.19	1,627.6	Hdrk.	No
TT11	15	N905,370.57	E672,695.64	1,652.0	Hdrk.	No
TT12	15	N913,060.51	E664,443.82	2,085.1	Hdrk.	No

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		Latitude)	(Longitude)	(Meters)		
U10K	10	N879,520.34	E679,000.13	1,302.1	Alluv.	No
U12N(Tunnel)	12	N881,757	E633,560	1,828.8	Hrdrk.	Yes
Drift 02	12	N893,602.66	E635,223.11	1,828.8	Hrdrk.	---
Drift 03	12	N894,828.58	E634,863.10	1,828.8	Hrdrk.	---
U19A	19	N920,050.61	E584,942.04	2,061.4	Hrdrk.	---
U19C	19	N935,911.93	E584,674.49	2,072.6	Hrdrk.	---
U19D	19	N945,840.42	E600,202.00	2,091.2	Hrdrk.	No
U19E	19	N927,100	E597,000	2,060.4	Hrdrk.	No
U19G	19	N930,246.56	E587,671.28	2,050.7	Hrdrk.	No.
U19P	19	N37° 15' 21.2009" W116° 19' 42.8772"		2,042.7	Hrdrk.	---
U20J	20	N928,314.63	E538,535.52	1,798.3	Hrdrk.	---
ZO1	20	N37° 12.31' N893,991.34	W116° 32.15' E538,018.72	1,840.7	Hrdrk.	---
ZO2	20	N37° 12.46' N894,167.16	W116° 30.96' E540,258.74	1,839.5	Hrdrk.	---
ZO3	20	N896,316.41	E538,581.12	1,827.3	Hrdrk.	---
ZO4	20	N37° 12.34" N894,167.16	W116° 31.70' E540,258.74	1,839.5	Hrdrk.	---
ZO5	20	N37° 12.69' N896,316.41	W116° 32.06' E538,581.12	1,827.3	Hrdrk.	---

2.3 Stations Designated by Letters and Numbers:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEANING</u>	<u>FILE</u>
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2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
A-Bunker	5	N748,500	E717,330	938.8	Alluv.	Yes
ACA	Amchitka Island	N51°28'51.4"	E179°07'09.6"	42	Hrdrk.	---
ACB	Amchitka Island	N51°27'45.4"	E179°05'27.3"	47	Hrdrk.	---
ACC	Amchitka Island	N51°29'03.4"	E179°02'35.2"	26	Hrdrk.	---
ACD	Amchitka Island	N51°25'41.4"	E179°08'11.8"	37	Hrdrk.	---
ACE	Amchitka Island	N51°24'01.8"	E179°10'21.9"	9	Marsh	---
ACF	Amchitka Island	N51°31'32.7"	E178°59'38.9"	62	Hrdrk.	---
ADK	Adak Island	N51°53'01.4"	W176°41'04.3"	116	Hrdrk.	---
Alamo	NV	N37°21.9'	W115°09.7'	1,097.3	Alluv.	---
ALA	Desert Game Range	N37°16.15'	W115°08.1'	1,066.8	Hrdrk.	---
Alcove 1	16	N823,457	E637,408	1,651.4	Tuff	---
Alcove 2	16	N823,333	E637,208	1,652.0	Tuff	---
Alcove 3	16	N823,017	E636,582	1,652.9	Tuff	---
Alcove 4	16	N822,620	E635,946	1,652.9	Tuff	---
Alpine, W. of Tonopah		N38°02.2'	W117°34.5'	1,524.0	Hrdrk.	---
AMA	Amchitka Island	N51°17'17.5"	E179°06'33.5"	503	Hrdrk.	---
ANA	Amchitka Island	N51°37'34.9"	E178°39'41.8"	133	Hrdrk.	---
AND	Amchitka Island	N51°33'44.4"	E178°57'12.4"	187	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
APK	Angels Peak NEV	N36°19.14'	W115°34.44'	2,680	Hrdrk.	---
ASB	Amchitka Island	N51°21'37.8"	E179°14'50.3"	34	Marsh	---
ASC	Amchitka Island	N51°27'44.9"	E179°09'53.9"	40	Hrdrk.	---
ASD	Amchitka Island	N51°23'26.9"	E179°20'31.6"	61	Marsh	---
Ash Meadows	NEV	N36°22.78'	W116°18.18'	672.1	Alluv.	---
Austin,	NEV	N39°29'37.85"	W117°04'12.90"	2,011.7	Alluv.	No
North Austin,	NEV	N39°29'48"	W117°04'33"	1,999.5	Hrdrk.	No
<u>Bakersfield</u>						
Bakersfield College	Calif.	N35°24.54'	W118°58.08'	720	Alluv.	---
Harvey Auditorium	Calif.	N35°22'12"	W119°01'15"	400	Alluv.	---
Occidental Petroleum Building	Calif.	N35°21'21"	W119°03'30"	387	Alluv.	No
Battle Mtn. (BMV)	NEV	N40°25'53.3285"	W117°13'18.401"	1,594.1	Hrdrk.	---
Beatty	NEV	N36°54.5'	W116°45.6'	999.7	Alluv/ Hrdrk.	---
BTY	Beatty, NEV	N780,400 N36°53.63'	E471,350 W116°45.88'	1,097.3	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
Beatty (Continued)						
Exchange Club	Beatty, NEV	N36°54.52'	W116°45.47'	996.7	Alluv.	---
Ball Park	Beatty, NEV	N784,200 N36°54.31'	E473,700 W116°45.42'	999.7	Alluv.	---
Hardrock	NEV	N780,000 N36°53.50'	E475,000 W116°45.15'	990.6	Hrdrk.	---
Downhole (872)	NEV	N36°53.93'	W116°45.40'	999.7	Alluv.	---
Surface (873)	NEV	N36°53.93'	W116°45.40'	999.7	Hrdrk.	---
BCA	Hoover Dam NEV	N36°00'55.5"	W114°44'11.9"	780	Hrdrk.	---
BCN	Boulder City NEV	N35°58'51.0"	W114°50'02.0"	777.2	Hrdrk.	---
Benton	Calif.	N37°49.08'	W118°28.65'	1,676.4	Alluv.	---
Bishop	Calif.					
Airport		N37°22.17'	W118°22.16'	1,251.2	Alluv.	---
Bishop School		N37°21.72'	W118°23.70'	1,249.7	Alluv.	---
BJY	NTS	N843,440	E679,440	1,240.8	Alluv.	---
BMT	Black Mtn. NEV	N40°25'53.2385"	W117°13'18.401"	1,524.0	Hardrk.	---
BMT		N37°17.07'	W116°31.40'	1,920	Hrdrk.	---
Booker Mtn.	NEV	N38°05.75'	W117°11.30'	1,883.7	Hrdrk.	No
Caliente	NEV	N37°37'	W114°30'	1,100	Alluv.	---
<u>Climax Mine</u>						
Portal	15	N905,400-	E678,730	1,719.1	Dolm.	Yes
Inside	15	N905,360	E678,790	1,719.1	Dolm.	Yes
CPN (CP-17)	18	N37°08.63' N877,839.71	W116°16.28' E617,156.93	1,761.4	Hrdrk. Dolm.	--- ---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
CPX (CP-1) (See Section 2.3)	6	N36°55.92'	W116°03.33'	1,296.3	Dolm.	---
Crowel Mine, E. of Beatty		N36°53.0'	W116°41.6'	1,335.0	Alluv.	---
Crystal Mine	15	N904,450	E679,090	1,630.7	Hrdrk.	---
DAC	California	N36°16.62'	W117°35.62'	1,432	Hrdrk.	---
DOE Station	12	N895,965 N37°12.65'	E625,395 W116°14.15'	2,328.7	Hrdrk.	---
<u>Dry Lake</u>	N.E. of Las Vegas					
1N	N.E. of Las Vegas	N36°27'46"	W114°52'31"	603.5	Alluv.	---
2N	"	N36°28'05"	W114°52'24"	603.5	Alluv.	---
3N	"	N36°28'24"	W114°52'17"	603.5	Alluv.	---
4N	"	N36°28'42"	W114°52'10"	603.5	Alluv.	---
5N	"	N36°29'01"	W114°52'03"	605.0	Alluv.	---
6N	"	N36°29'20"	W114°51'56"	608.1	Alluv.	---
1S	"	N36°27'10"	W114°52'45"	603.5	Alluv.	---
2S	"	N36°26'52"	W114°52'52"	603.5	Alluv.	---
3S	"	N36°26'33"	W114°52'01"	603.5	Alluv.	---
4S	"	N36°26'14"	W114°53'06"	603.5	Alluv.	---
5S	"	N36°25'55"	W114°53'13"	608.1	Alluv.	---
6S	"	N36°25'36"	W114°53'20"	615.7	Alluv.	---

.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
(Latitude) (Longitude)				(Meters)		
Dry Lake (Continued)						
1W	N.E. of Las Vegas	N36°27'34"	W114°53'00"	603.5	Alluv.	---
2W	N.E. of Las Vegas	N36°27'41"	W114°53'22"	603.5	Alluv.	---
3W	N.E. of Las Vegas	N36°27'47"	W114°53'44"	603.5	Alluv.	---
4W	N.E. of Las Vegas	N36°27'54"	W114°54'07"	612.6	Alluv.	---
5W	N.E. of Las Vegas	N36°28'01"	W114°54'27"	621.8	Alluv.	---
6W	N.E. of Las Vegas	N36°28'07"	W114°54'52"	658.4	Hrdrk.	---
1E	N.E. of Las Vegas	N36°27'23"	W114°52'17"	603.5	Alluv.	---
2E	N.E. of Las Vegas	N36°27'16"	W114°51'54"	603.5	Alluv.	---
3E	N.E. of Las Vegas	N36°27'09"	W114°51'31"	608.1	Alluv.	---
Dugway	Utah	N40°11'42.0"	W112°48'48.0"	1,415.8	Hrdrk.	---
Ely	NEV	N39°07.88'	W114°53.52'	2,316.5	Hrdrk.	---
EPN	Echo Peak NEV	N37°12.86'	W116°19.39'	2,280	Hrdrk.	---
EUR	Eureka NEV	N39°29'00.0"	W115°58'12.0"	2,179.3	Hrdrk.	---
Fleur de Lis Ranch	NEV	N37°02'18"	W116°42'57"	1,170.4	Hrdrk.	---
Foote Mineral Co. Well	Silver Peak, NEV	N37°47.85'	W117°35.2'	1,292.4	Alluv.	---
		N37°45.62'	(Before 1970) W117°34.3' (After 1970)	1,292.4	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)			
Frenchman Mountain	NEV	Top N36°10'37"	W114°59'51.5"	1,235.7	Hrdrk.	---
		Bottom N36°09'40.4"	W115°00'37.2"	914.4	Alluv.	---
<u>Fresno</u>	<u>Calif.</u>					
City College		N36°45.9'	W119°47.78'	290	Alluv.	---
Del Webb Towne House		N36°44.1'	W119°47.27'	290	Alluv./Hrdrk.	---
Fresno Army Reserve Center		N36°43'44.0"	W119°49'18.0"	280	Alluv.	---
Friant,	Calif.	N37°00.85'	W119°42.5'	750	Alluv.	---
Glenn Canyon	Arizona	N36°58'	W111°35'	1,341.1	Hrdrk.	---
GLR	Groom Lake NEV	N37°11.97'	W116°01.05'	1,435	Alluv.	---
GMA	Granite Mtn. AK	N65°25'43.0"	W161°13'55.0"	856	Hrdrk.	---
Goldfield Courthouse	NEV	N37°42.48'	W117°14.00'	1,758.7	Hrdrk./Alluv.	---
Gravel Pit(897)(Inside)		N38°25.00'	W116°10.75'	2,100?	Hrdrk.	---
(898) (Surface)		N38°25.00'	W116°10.7'	2,133.6	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
Hawthorne (Naval Ord. Depot Admin. Bldg.)		N38°32.8'	W118°39.06'	1,271.0	Alluv.	---

<u>Hidden Valley</u>	N.E. of Las Vegas					
1N	N.E. of Las Vegas	N36°41'36"	W114°54'59"	728.5	Alluv.	---
2N	N.E. of Las Vegas	N36°41'55"	W114°54'56"	722.4	Alluv.	---
3N	N.E. of Las Vegas	N36°42'14"	W114°54'53"	717.8	Alluv.	---
4N	N.E. of Las Vegas	N36°42'33"	W114°54'49"	708.7	Alluv.	---
5N	N.E. of Las Vegas	N36°42'52"	W114°54'45"	701.0	Alluv.	---
1S	N.E. of Las Vegas	N36°40'57"	W114°55'07"	749.8	Alluv.	---
2S	N.E. of Las Vegas	N36°40'38"	W114°55'11"	759.0	Alluv.	---
3S	N.E. of Las Vegas	N36°40'19"	W114°55'15"	768.1	Alluv.	---
4S	N.E. of Las Vegas	N36°40'00"	W114°55'19"	777.2	Alluv.	---
5S	N.E. of Las Vegas	N36°39'41"	W114°55'23"	804.7	Alluv.	---
1W	N.E. of Las Vegas	N36°41'22.5"	W114°56'03"	755.9	Hrdrk.	---
2W	N.E. of Las Vegas	N36°41'20"	W114°55'38"	737.6	Alluv.	---
3W	N.E. of Las Vegas	N36°41'17"	W114°55'14"	737.6	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
<u>Hidden Valley</u>	(Continued)					
Hidden Valley	N.E. of Las Vegas					
1E	N.E. of Las Vegas	N36°41'14.5"	W114°54'51"	737.6	Alluv.	---
2E	N.E. of Las Vegas	N36°41'12.5"	W114°54'27"	752.9	Alluv.	---
3E	N.E. of Las Vegas	N36°41'10"	W114°54'05"	829.1	Hrdrk.	---
Hiko	NEV	N37°36'	W115°13'	1,100.0	Alluv.	---
Hollywood Storage	Calif.	N34°05'24"	W118°20'20"	290	Alluv.	---
Hoover Dam	Ariz./ Nev.					
1215 Gallery,	NEV.	N36°00'57"	W114°44'14"	487.7	Alluv.	---
Intake Tower,	NEV.	N36°00'59"	W114°44'15"	487.7	Hrdrk.	---
Oil Shack	NEV	N36°01'07"	W114°44'30"	438.9	Hrdrk.	---
BCA	NEV	N36°00'55.5"	W114°44'11.9"	237.0	Hrdrk.	---
<u>Kingman</u>	Ariz.					
Hualapai Park,	Ariz.	N35°06'	W113°53'	2,133.6	Hrdrk.	---
Kingman Mojave County School		N35°11.58'	W114°03.6'	1,204.0	Alluv.	---
Knight Ranch	Nev.	N36°56.55'	W116°43.65'	1,051.6	Alluv.	---
Kyle Canyon	Nev.	N36°15'47.4"	W115°36'44.7"	2,133.6	Hrdrk.	---
<u>Las Vegas</u>	Nev.					
Aladdin Hotel		N36°06'36"	W115°10'17"	644.6	Alluv.	---
Bank of Nevada		N36°10.07'	W115°08.65'	633.1	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
Las Vegas, NV. (Cont'd.)		(Latitude)	(Longitude)	(Meters)		
Private Residence		N36°14'09.2"	W115°13'7.5"	679.7	Alluv.	---
Caesar's Palace #1 and #2		N36°06.95'	W115°10.52'	645.6	Alluv.	---
Caesar's Palace #3 (Addition)		N36°07'02"	W115°10'33'	644.7	Alluv.	---
California Hotel		N36°10'21.2"	W115°08'37.5"	616.6	Alluv.	---
Cambridge Arms (3890 S. Swenson)		N36°07'09"	W115°09'26"	627.9	Alluv.	---
Carriage House		N36°06'27"	W115°10'04"	643.7	Alluv.	---
Central Telephone Building		N36°10.09'	W115°8.41'	612.3	Alluv.	---
Chancellor Apts.		N36°08.88'	W115°09.07'	621.8	Alluv.	---
Circle Park (Before 02/76)		N36°09.38'	W115°08.16"	606.6	Alluv.	---
Circle Park (After 02/76)		N36°09'26"	W115°08'12"	606.6	Alluv.	---
Circus Circus (After 02/76)		N36°8.23'	W115°09.80'	629.1	Alluv.	---
City Hall (New)		N36°10'20.3"	W115°08'18.3"	612.7	Alluv.	---
City Hall (Old)		N36°10.33'	W115°8.32'	612.0	Alluv.	---
Clark County Courthouse		N36°10.14'	W115°08.62'	615.1	Alluv.	---
Convention Center (809)		N36°07.93'	W115°09.08'	619.4	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
Las Vegas, NV.(Cont'd)		(Latitude)	(Longitude)	(Meters)		
Country Club Tower's	Las Vegas, NV	N36°07'48"	W115°08'35"	618.7	Alluv.	---
Desert Inn Las Vegas, NV (NS#16)		N36°07.73'	W115°9.92'	632.5	Alluv.	---
Dunes Hotel	Las Vegas, NV	N36°06.77'	W115°10.40'	641.6	Alluv.	---
Eastern Orthodox Church	Las Vegas, NV	N36°11'18"	W115°03'13.5"	541.0	Alluv.	---
Executive Towers	Las Vegas, NV	N36°09.98'	W115°08.65'	621.8	Alluv.	---
Fantasy Park	Las Vegas, NV	N36°11'00"	W115°07'46"	579.1	Alluv.	---
FHA House	Las Vegas, NV	N36°09'36.5"	W115°05'13"	536.4	Alluv.	---
FHA House Las Vegas, NV		N36°11'22"	W115°06'52.5"	559.6	Alluv.	---
First National Bank	Las Vegas, NV	N36°10.11'	W115°8.53'	614.2	Alluv.	---
Four Queens Hotel	Las Vegas, NV	N36°10.22'	W115°08.60'	615.1	Alluv.	---
Fremont Hotel	Las Vegas, NV	N36°10.25'	W115°08.57'	615.1	Alluv.	---
Frontier Hotel (Ground)	Las Vegas, NV	N36°7.80'	W115°10.20'	636.1	Alluv.	---
Golden Nuggett (874)	Las Vegas, NV	N36°10'14.0"	W115°08'37.5"	616.6	Alluv.	---
Holiday Inn (Old)	Las Vegas, NV	N36°06.40'	W115°10.39'	647.7	Alluv.	---
Holiday Inn (14 Story)	Las Vegas, NV	N36°07.16'	W115°10.27'	614.1	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
Las Vegas, NV. (Cont'd.)		(Latitude)	(Longitude)	(Meters)		
Holiday Inn (Free-field)		N36°07'6.8"	W115°10.4.5"	637.6	Alluv.	---
Horseshoe Garage		N36°10.28'	W115°08.60'	615.4	Alluv.	---
Private Residence		N36°13'29"	W115°13'58"	696.8	Alluv.	---
Jockey Club (East and West)		N36°06'36"	W115°10'31"	647.1	Alluv.	---
Private Residence (2903 N. Highland)		N36°12.7'	W115°09.7'	643.1	Alluv.	---
La Concha		N36°08'04"	W115°09'35"	627.0	Alluv.	---
Landmark Tower		N36°07.96'	W115°09.27'	623.3	Alluv.	---
Las Vegas High School		N36°09'54"	W115°08'18"	609.6	Alluv.	---
Las Vegas Hilton		N36°08.18'	W115°09.08'	622.7	Alluv.	---
Las Vegas Marina		N36°08.3'	W115°16.9'	650.3	Alluv.	---
Las Vegas Stadium		N36°05.4'	W115°01.51	493.8	Alluv.	---
Las Vegas West (LVW)		N36°10'12"	W115°11'15'	617.00	Alluv.	---
Private Residence		N36°14'09"	W115°13'27"	690.4	Alluv.	---
Marie Antoinette		N36°06'26.3"	W115°09'45"	637.0	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
Las Vegas, NV (Cont'd.)		(Latitude)	(Longitude)	(Meters)		
Mark I (Parsons Bldg.)		N36°07'48.0"	W115°08'22.5"	612.7	Alluv.	---
Mark I (Ground)		N36°07'48.0"	W115°08'22.8"	612.7	Alluv.	---
McCarran Airport		N36°05'06.06"	W115°10'02"	643.1	Alluv.	---
MDM Grand Hotel		N36°06.76'	W115°10.06'	638.6	Alluv.	---
Mint Hotel		N36°10.28'	W115°08.63'	616.6	Alluv.	---
Private Residence		N36°08'18"	W115°06'47.0"	566.9	Alluv.	---
Nevada State Bank		N36°10'05.8"	W115°08'30.5"	613.0	Alluv.	---
North Las Vegas (2143 State Street)		N36°11.89'	W115°06.45'	559.3	Alluv.	---
North Las Vegas Air Terminal		N36°13'26.3"	W115°12'57.8"	685.8	Alluv.	---
Ogden House (Rendezvous Hotel)		N36°10'15"	W115°08'22.2"	612.7	Alluv.	---
Paradise Hotel (Howard Johnson)		N36°05.99'	W115°09.88'	622.0	Alluv.	---
Park Terrace Apts.		N36°07'10"	W115°09'29"	627.9	Alluv.	---
Private Residence		N36°14'34.5"	W115°14'33"	707.1	Alluv.	---
Regency Towers		N36°08.00'	W115°08.35'	612.6	Alluv.	---
Regency Towers (Ground)		N36°08.00'	W115°08.35'	612.7	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
Las Vegas, NV (Cont'd.)						
Riviera		N36°08.14'	W115°09.66'	627.3	Alluv.	---
Royal Inn		N36°07.9'	W115°09.0'	623.3	Alluv.	---
Sahara 200		N36°08.58'	W115°09.35'	622.4	Alluv.	---
Sahara 400		N36°08.58'	W115°09.35'	622.4	Alluv.	---
Sands		N36°07.3'	W115°10.2'	609.0	Alluv.	---
SE-6 (LVN) To 3/75 Post 3/75		N36°06.55'	W115°08.40'	670.6	Alluv.	---
		N36°06'33.8"	W115°08'31.5"	617.2	Alluv.	---
Showboat		N36°09'18"	W115°06'44"	565.4	Alluv.	---
Private Residence (1815)		N36°08.92'	W115°08.72'	609.6	Alluv.	---
Squire's Park (After July 1974)		N36°10'29"	W115°08'18"	612.9	Alluv.	---
(Center of Park) (EW #4)		N36°10.45'	W115°08.35'	612.3	Alluv.	---
Squires Park(Nr.State bldg)		N36°10.57'	W115°08.33'	612.3	Alluv.	---
(Before July 1974)		N36°10.52'	W115°08.37'	612.3	Alluv.	---
(Station record identified on log as to location of seismometer).						
Stadium (UNLV - 876)		N36°5.4'	W115°1.5'	493.8	Alluv.	---
Stardust		N36°07.98'	W115°9.89'	630.6	Alluv.	---
Sunrise Hospital		N36°07.98'	W115°08.13'	670.6	Alluv.	---
Third St. & Harmo		N36°09.62'	W115°08.91'	616.6	Alluv.	---
Tropicana Ground		N36°06'06"	W115°10'02"	643.1	Alluv.	---
Union Plaza (875)		N36°10.32'	W115°08.76'	670.6	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
Las Vegas, NV (Cont'd.)						
University of Nevada Chemistry Bldg. (SE-6 from April 1, 1975)		N36°06'33.8"	W115°08'31.5"	617.2	Alluv.	---
UNLV Dormitory		N36°06.32'	W115°08.27'	670.6	Alluv.	---
USGS Office (3060 So. Highland Drive)		N36°08'03"	W115°10'25"	634.0	Alluv.	---
Private Residence		N36°09'21"	W115°06'08"	554.7	Alluv.	---
Valley Bank Plaza		N36°09'57.7"	W115°08'36.9"	614.2	Alluv.	---
Vegas Towers (East and West)		N36°06'50"	W115°08'23"	612.6	Alluv.	---
Private Residence		N36°13'08.0"	W115°14'01.5"	695.9	Alluv.	---
Wimbledon		N36°07'06"	W115°09'28"	627.9	Alluv.	---

Las Vegas Saturation Project

EW #1 (462') (Frenchman Mtn)	N36°10.5'	W115°00.9'	609.6	Hrdrk./ Alluv.	---
EW #2 (Beatty & Bonanza)	N36°10.40'	W115°03.35'	534.3	Alluv.	---
EW #3 (Animal Shelter)	N36°10.24'	W115°06.32'	552.6	Alluv.	---
EW #4 (Squire's Park)	N36°10.45'	W115°08.35'	612.3	Alluv.	---
EW #5 (Sun. Bldg.)	N36°10.31'	W115°09.57'	625.4	Alluv.	---
EW #6 (LV Water District, Charleston, East Side)	N36°10.55'	W115°10.75'	616.6	Alluv.	---
EW #7 (West Side of building)	N36°10.55'	W115°11.05'	617.8	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
Las Vegas, NV (Cont'd.)						
EW #8 (Adcock School)		N36°10.41'	W115°14.09'	716.3	Alluv.	---
EW #9 (Sahara & Charleston)		N36°09'04"	W115°21'8.5"	952.5	Alluv.	---
NS #15 (SE-6)		N36°06.55'	W115°08.40'	670.6	Alluv.	---
NS #16 (Desert Inn)		N36°07.50'	W115°11.55'	632.5	Alluv.	---
NS #17 (International Hotel)		N36°08.38'	W115°9.2'	621.2	Alluv.	---
NS #18 (Knudson School)		N36°08.76'	W115°06.85'	568.5	Alluv.	---
NS #19 (Old L.V. High School Fed. Off. Building)		N36°09.95'	W115°08.59'	613.3	Alluv.	---
Lathrop Wells (416)	NEV	N36°38.6'	W116°23.8'	809.2	Alluv.	---
LEE (Leeds)	Utah	N37°14.58'	W113°22.60'	1,070.5	Hrdrk.	---
<u>Los Angeles</u> Calif.						
Beneficial Life Bldg.		N34°4.7'	W118°19.9'	300	Alluv.	---
Union Bank Bldg.		N34°03.2'	W118°15.39'	310	Alluv.	---
Water Power Vehicle Storage		N37°21.55'	W118°23.7'	300	Alluv.	---
LOZ	19	N37°11.87'	W116°22.72'	2,019	Hrdrk.	---
LSM	25	N36°44.32'	W116°16.68'	1,143.0	Hrdrk.	---
		N724,145.34	E615,773.78			
LVN (SE-6)	NEV	N36°06.55'	W115°08.40'	603.5	Alluv.	---
LVW	NEV	N36°10.20'	W115°11.25'	654	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
Manhattan	NEV	N38°32.42'	W117°05.08'	2,036.1	Alluv.	---
Mt. Butte	NEV	N38°01.55'	W117°17.65'	1,767.8	Hrdrk.	No
Mt. Butler	NEV	N38°3.25'	W117°14.13'	2,042.2	Hrdrk.	No
Mt. Oddie	NEV	N38°04.35'	W117°13.10'	1,932.4	Hrdrk.	No
Mercury Q-25	NEV	N36°39.64' N695,942.18	W115°59.43' E698,436.86	1,167.4	Alluv.	---
MCV (Formerly 22)		N36°38'00.714"	W115°59'59.245"	1,158	Hrdrk.	---
		N686,269.5	E700,556.8	1,158	Hrdrk.	---
NASA Mtn.	NEV	N838,700	E455,900	1,506.0	Hrdrk.	---
NEL Nelson/SANDIA	NEV	N35°42'44.585"	W114°50'36.534"	1,052	Hrdrk.	---
NIK	AK	N52°58'27.5"	W168°51'10.8"	207	Hrdrk.	---
NPM	20	N37°23.04'	W116°19.38'	2,250	Hrdrk.	---
<u>NRDS</u>	25					
Admin. Bldg.	25	N737,950	E611,100	1,034.8	Alluv.	---
ADM	25	N36°46.18'	W116°17.12'	1,033.3	Alluv.	---
ETS-1	25	N36°49'57" N758,284.2	W116°18'31" E604,778.8	1,158.2	Alluv.	Yes
ETS-2	25	N36°49'55" N758,072.9	W116°18'35" E604,466.6	1,158.2	Alluv.	Yes
ETS-3	25	N757,725.2	E604,760.0	1,158.2	Alluv.	Yes
ETS-Dewar	25	N757,900	E604,300	1,158.2	Alluv.	---
ETS-East #1	25	N758,400	E608,700	1,164.3	Alluv.	---
ETS-East #2	25	N758,400	E608,100	1,164.3	Alluv.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
NRDS (Cont'd.)		(Latitude)	(Longitude)	(Meters)		
ETS-West #1	25	N758,200	E600,200	1,161.3	Alluv.	---
ETS-West #2	25	N758,200	E599,200	1,161.3	Alluv.	---
ETS-Tower	25	N36°50'05"	W116°18'38.5"	1,158.2	Alluv.	---
ETS-Water Tank	25	N764,300	E604,700	1,295.4	Alluv.	---
ESTS-1	25	N758,600	E594,600	1,154.6	Alluv.	---
E-MAD	25	N747,450	E606,425	1,079.0	Alluv.	---
E-MAD (Disassembly)	25	N36°48'27" N749,087.61	W116°18'17" E606,216.94	1,080.5	Alluv.	---
E-MAD (Strong Motion)	25	N748,425.3	E606,063.0	1,074.4	Alluv.	Yes
NRDS #1	25	N36°48'34" N749,768.94	W116°17'11" E611,362.39	1,100.3	Alluv.	Yes
NRDS-2	25	N749,518.94	E611,362.39	1,098.8	Alluv.	---
North Test Cell "A"	25	N765,800	E620,300	1,172.0	Hrdrk.	---
Test Cell "A"	25	N757,080.0	E620,250.0	1,167.4	Alluv.	---
Test Cell "C"	25	N36°49'47" N757,283	W116°16'41" E613,820	1,161.3	Alluv.	Yes
Test Cell "C" (Strong-Motion)	25	N757,246.8	E613,772.2	1,156.7	Alluv.	Yes
Well J-11	25	N740,959.8	E611,754.9	1,049.1	Alluv.	---
494	25	N747,351.8	E608,362.4	1,091.2	Hrdrk.	---
LSM	28	N36°44.32'	W116°16.68'	1,143.0	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
NRM	NEV	N37°16.72'	W116°12.23'	2,210	Hrdrk.	---
NYC	NEV	N875,620 N37°09.30'	E649,090 W116°09.32'	1,574	Hrdrk.	No-
NYJ	NEV	N37°00.48'	W115°58.48'	1,195	Hrdrk.	No
NYM	NEV	N37°13.88'	W116°03.14'	1,489	Hrdrk.	No
NYR	NEV	N37°03.32'	W116°05.50'	1,188	Hrdrk.	No
NYS	NEV	N831,210 N37°01.95'	E645,300 W116°10.13'	1,402	Hrdrk.	No
NYV	NEV	N37°06.77'	W115°59.40'	1,340	Hrdrk.	No
Ogden	Utah	N41°14'09"	W111°55'39"	1,371.6	Hrdrk./ Alluv.	---
Pahrump	NEV	N36°12.65'	W115°59.0'	823.0	Hrdrk.	---
Ranch		N36°12.4'	W115°59.2'	823.0	Alluv.	---
Refraction		N36°06.9'	W115°59.6'	823.0	Alluv.	---
Resort		N36°11.6'	W115°58.2'	823.0	Alluv.	---
Pahute No. 1A	20	N932,966.41	E582,456.98	2,051.3	Hrdrk.	---
Pasadena	CA	N34°08'54.0"	W118°10'18.0"	295.0	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
Pile Driver	15	N902,200	E677,900	1,088.1	Hrdrk.	---
Pioche	NV	N37°56.22'	W114°27.01'	1,801.4	Alluv./ Hrdrk.	---
PMN	NV	N37°16.84'	W116°18.12'	2,141.2	Hrdrk.	---
Point X	15	N901,516.53	E676,828.60	1,540.8	Hrdrk.	No
Point Y (II)	15	N900,232.93	E678,205.08	1,505.7	Hrdrk.	No
PRN	Alamo	N37°26.50'	W115°04.00'	1,524.0	Hrdrk.	---
RAT	(Rat Island)	N51°47'56.7"	E178°19'48.3"	226	Hrdrk.	---
Red Mountain	NEV	N38°09'	W117°13'	2,072.6	Hrdrk.	No
<u>Reno</u>	NEV					
Arlington Towers		N39°31.53'	W119°48.94'	1,371.6	Alluv.	---
1st National Bank		N39°31.58'	W119°48.71'	1,371.6	Alluv.	---
Reno Airport		N39°30.47'	W119°46.54'	1,344.2	Alluv.	---
Univ. of Nevada/Reno		N39°32.37'	W119°48.75'	1,389.9	Alluv.	---
RHN	15	N892,220	E689,010			
		N37°11.97'	W116°1.06'	1,434.7	Hrdrk.	---
Ruth	NEV	N39°15'28.5"	W114°59'52.0"	2,133.6	Alluv./ Hrdrk.	---
<u>Sacramento</u>	Calif.					
Airport		N38°31.27'	W121°29.51'	20	Alluv.	No
Water Resources Building		N38°34.54'	W121°29.80'	15	Alluv. (Cement Floor)	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
<u>Salt Lake City</u>	Utah					
Liberty Park		N40°44'51"	W111°52'19"	1,300.0	Alluv.	---
Union Pacific Fill		N41°13.2'	W112°38.5'	1,283.2	Alluv.	---
<u>San Francisco</u>	Calif.					
Alluvium		N37°48'09.0"	W122°23'58.5"	200	Alluv.	---
Telegraph Hill		N37°48'09.0"	W122°24'08.5"	320	Alluv.	---
Searchlight Ranch	NEV	N35°38.05'	W115°11.5'	1,204.0	Alluv.	---
Sedan Crater	10	N884,760.86	E681,299.84	1,325.2	Alluv.	---
Silver Peak	NEV	N37°45.30'	W117°36.49'	1,316.7	Hrdrk.	No
Slope Stability 19 #1		N902,907.72	E608,839.64	2,247.6	Hrdrk.	---
Slope Stability 19 #2		N902,556.74	E608,695.43	2,197.0	Hrdrk.	---
Slope Stability 19 #3		N902,416.21	E608,638.76	2,163.5	Fill	---
Slope Stability 19 #4		N901,166.29	E608,087.60	2,044.8	Alluv.	---
SMN Sleeping Mtn.	NEV	N37°08.60'	W116°46.00'	1,246.0	Alluv.	---
SMY Shemya Island	AK	N52°43'51.0"	E174°06'11.0"	58	Hrdrk.	---
SNWP West of Saddle Island (Lake Mead)		N36°04'03"	W114°48'48.9"	396	Alluv.	---
SSI Semisopchnoi	AK	N51°53'32.8"	E179°35'17.9"	177	Hrdrk.	---
SSP Shoshone Peak	NEV	N36°55.45'	W116°13.10'	2,150.0	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>	<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)	

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2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)		<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
State Line	NEV	N38°57'59.0"W	W119°56'19.5"	2,133.6	Hrdrk.	---
		N38°57'54.0"W	W119°56'28.5"	1,981.2	Alluv.	
Stone Cabin Valley	NEV	N38°5'41"	W116°44'19"	855.0	Alluv.	---
STX	12	N37°11.64'	W116°09.68'	1,631.6	Hrdrk.	Yes
Thompson Mine	NEV	N36°56.95'	W116°38'	1,304.5	Hrdrk.	Yes
Thunder Mtn.	NEV	N38°11.5'	W117°01.5'	1,828.8	Hrdrk.	No

TMN Timber Mtn.	NEV	N37°05.23'	W116°26.63'	2,190.0	Hrdrk.	---
<u>Tonopah</u>	NEV					
Hotel		N38°04.08'	W117°13.8'	1,837.9	Hrdrk.	---
Church		N38°03'55"	W117°13'48"	1,859.3	Hrdrk.	---
Fire Station		N38°04'07"	W117°13'42"	1,902.0	Hrdrk.	---
Hotel (Demolished)		N38°04'00"	W117°13'44"	1,847.1	Hrdrk.	---
Hotel		N38°04'06"	W117°13'47"	1,837.9	Hrdrk.	---
Northwest Station (Red Plume Mine Area)		N38°04'20"	W117°13'42"	1,853.2	Hrdrk.	---
NW-1		N38°04'15"	W117°13'56"	1,828.8	Hrdrk.	---
NW-2		N38°04'12"	W117°13'54"	1,831.8	Hrdrk.	---
NW-3 (Convention Center)		N38°04'05"	W117°13'54"	1,841.0	Hrdrk.	---
NW-4		N38°03'57"	W117°13'47"	1,853.2	Hrdrk.	---
NW-5		N38°03'45"	W117°13'42"	1,874.5	Hrdrk.	---
NW-6		N38°03'36"	W117°13'42"	1,903.5	Hrdrk.	---
Hotel		N38°04'09"	W117°13'51"	1,833.4	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
<u>Tonopah NV (Cont'd.)</u>		<u>(Latitude)</u>	<u>(Longitude)</u>	<u>(Meters)</u>		
Motel		N38°4'00"	W117°13'47"	1,853.2	Allyuv.	---
Motel		N38°4.5'	W117°14.5'	1,804.4	Hrdrk.	---
TPH		N38°04.29'	W117°13.21'	1,890.0	Hrdrk.	---
TPV (Formerly TON)		N38°03.95'	W117°13.68'	1,859.3	Hrdrk.	---
West Station		N38°03'57"	W117°14'02"	1,877.6	Hrdrk.	---
TSV (19/4/72)		N38°12.1'	W116°10.5'	1,661.2	Allyuv.	---
Warm Springs Repeater (After May 1972)		N38°11.25'	W116°24.3'	1,905.0	Hrdrk.	---
WSN - Warm Springs, NEV		N38°11.3'	W116°22.7'	1,767.8	Hrdrk. (Before Handley)	---
		N38°11.1'	W116°24.5'	1,767.8	Hrdrk. (After Handley)	---
WSR	NEV	N38°11.48'	W116°23.93'	1,890.0	Hrdrk.	---

2.4 Named Stations:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
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2.5 Test Structures:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u>		<u>ELEVATION</u>	<u>MEDIUM</u>	<u>PAD</u>
		(Latitude)	(Longitude)	(Meters)		
<u>Area 1-Test Structures</u>						
Area 1 T.S. North		N835,902.14	E673,275.44	1,250.3	Alluv.	Yes
Area 1 T.S. South		N835,432.36	E673,104.62	1,250.3	Alluv.	Yes
Area 1 T.S. Center		N835,620	E673,250	1,250.0	Alluv.	Yes
Area 1 T.S. Brick		N835,175	E674,450	1 125.0	Alluv.	Yes
Area 1 T.S. (Frame)		N836,100	E671,920	1,250.0	Alluv.	Yes
<u>Area 3 Test Structures</u>						
SR-1 (North Pair)		N830,330.74	E690,000.0	1,216.2	Alluv.	Yes
SR-2 (South Pair)		N828,901.11	E690,000.0	1,213.1	Alluv.	Yes
<u>Area 12 Test Structures</u>						
SR-3		N893,695.68	E628,022.98	2,261.6	Tuff	Yes
SR-4 (Block & Frame)		N887,287.81	E632,172.31	2,267.7	Tuff	Yes
SR-5 (Partially Collapsed in 1972)		N883,710.79	E633,638.01	2,334.8	Tuff	Yes
<u>Area 19 Test Structures</u>						
<u>South Pair</u>						
A-19-#1, N		N37°18'08.6520"	W116°22'26.8569"			
		N929,151.58	E585,085.27	1,985.6	Hrdrk.	Yes
A-19-#1, S		N37°18'07.9997"	W116°22'26.8594"			
		N929,125.61	E585,085.27	1,985.6	Hrdrk.	Yes
<u>North Pair</u>						
A-19-#2, N		N37°19'12.1947"	W116°22'26.6542"			
		N935,617.82	E585,081.75	2,025.6	Hrdrk.	Yes
A-19-#2, S		N37°19'11.5424"	W116°22'26.6568"			
		N935,551.85	E585,081.75	2,025.2	Hrdrk.	Yes
A-19-#3		N37°20'02.9605"	W116°26'8311"			
		N940,750.59	E584,647.78	2,058.3	Hrdrk.	Yes

2.5 Test Structures:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
<u>Area 19 Test Structures (Cont'd)</u>					
A-19-#4 (North Pair)		N37°21'30.7892" W116°22'18.3671" N949,636.30 E585,707.37	2,039.9	Hrdrk.	Yes

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2.5 Test Structures:

<u>STATION</u>	<u>AREA</u>	<u>COORDINATES</u> (Latitude) (Longitude)	<u>ELEVATION</u> (Meters)	<u>MEDIUM</u>	<u>PAD</u>
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ACKNOWLEDGMENTS

It would be impossible to list all personnel who participated in the different programs and studies which involved the station locations listed in this report. The U. S. Geological Survey Field Group in Las Vegas, formerly known as the Special Projects Party of the Coast and Geodetic Survey is gratefully acknowledged and special thanks go to S.E. Webb for typing the report.

APPENDIX A - REPORTS

Earthquake bulletins

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ABBREVIATIONS

Admin.	Administration
A.F.	Air Force
AK	Alaska
Alluv.	Alluvium
A-M.	Ash Meadows, Nevada
Apts.	Apartments
Ariz.	Arizona
Ave.	Avenue
AZ.	Azimuth
Bd	Bedded
BJY.	Y Intersection of Mercury Highway at Area 3
Bldg	Building
BPF.	Band Pass Filter
bslt	Basalt
C.	Cup
CA or Calif.	California
CHAS	Charleston
CO	Colorado
Co	Company
Cont'd	Continued
CP	Control Point
D.	Dumont
Dolm	Dolomite
DOM.	Domain
DT	Discus Thrower
DW	Diluted Waters

E. . . . .	.East
ERDA . . . . .	.Energy Research and Development Administration
ETS. . . . .	.Engine Test Stand
E-MAD . . . . .	.Engineering- Maintenance, Assembly, Disassembly
EW . . . . .	.East West
FHA. . . . .	.Federal Housing Authority
G. . . . .	.Gravity
Grnt . . . . .	.Granite
GZ . . . . .	.Ground Zero
Helicdr. . . . .	.Helicorder
Hrdrk or HR. . . . .	.Hardrock
ID . . . . .	.Idaho
IS . . . . .	.Island
KM . . . . .	.Kilometres
LASL . . . . .	.Los Alamos Scientific Laboratory
Im Stn . . . . .	.Limestone
LSM . . . . .	.Little Skull Mountain
LV . . . . .	.Las Vegas
LW or LATRP. . . . .	.Lathrop Wells
M. . . . .	.Mesa
MDPK . . . . .	.Mudpack
Mead . . . . .	.Meadows
Mt.. . . . .	.Mount
Mts. or Mtn. . . . .	.Mountains

N. . . . .	.North
NASA . . . . .	.National Aeronautics & Space Administration
NAT. . . . .	.National
NE or N.E. . . . .	.Northeast
NEV . . . . .	.Nevada
NI . . . . .	.Never Instrumented
NLV. . . . .	.North Las Vegas
NRDS . . . . .	.Nuclear Rocket Development Station
NTS . . . . .	.Nevada Test Site
NV . . . . .	.Nevada
NW or N.W. . . . .	.North West
Offst. . . . .	.Off-Site
Ord. . . . .	.Ordinance
P. . . . .	.Palanquin
Pblc. Dom. . . . .	.Public Domain
PD . . . . .	.Pile Driver
Prvt. Prop . . . . .	.Private Property
R-MAD. . . . .	.Reactor-Maintenance, Assembly, Disassembly
Rng or R . . . . .	.Range
Rngr . . . . .	.Ranger
RT . . . . .	.Route
S or SO . . . . .	.South
SE . . . . .	.South East
Sh . . . . .	.Shallow

SM.Strong-Motion
 SS.Slope Stability
 SZ.Surface Zero
 TTonopah
 T.STest Structure
 TT.Tiny Tot
 Trop.Tropicana
 UNLV.University of
 Nevada Las Vegas
 UT.Utah
 VValley
 VA.Veterans Administration
 WWest
 WldWelded
 WY.Wyoming

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