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E-TR-52-II

MX SITING INVESTIGATION
WATER RESOURCES PROGRAM

TECHNICAL SUMMARY REPORT

VOLUME IIB

Prepared for:

U.S. Department of the Air Force
Ballistic Missile Office
Norton Air Force Base, California 92409

Prepared by:

Ertec Western, Inc.
3777 Long Beach Boulevard
Long Beach, California 90807

30 November 1981

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20. ABSTRACT (Continue on reverse side if necessary and identify by block number)

Results of hydrologic studies on 36 proposed MX deployment valleys in the Nevada-Utah siting area and the proposed Main and Auxiliary Operating Bases in Coyote Spring Valley, Nevada, and Escalante Desert, Utah, show that ground water is available for the construction and operation of the MX project. Most of the valleys within the siting area [illegible] unappropriated ground water supplies

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APPENDIX C1

WELL AND WATER LEVEL DATA

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	19N/51E-33C8	U.S.AIR FORCE	1980	202	2	6180	3/1991	82	6098	OBSERVATION WELL	ERTEC
2	19N/50E-2730	U.S.AIR FORCE	1980	160	2	6250	3/1981	58	6202	OBSERVATION WELL	ERTEC
3	19N/50E-2901	HOT SPR.RANCH	1949	55	12	6340	4/1964	5	6335		ROBINSON ET AL 67
4	19N/50E-2802	HOT SPR.RANCH	1962	40	12	6340	9/1980	F	> 6340	FLOWING WELL	ERTEC 80/NVSEO
5	18N/51E-10B				6	6230	4/1964	177	6053		ROBINSON ET AL 67
6	18N/51E-15CCC	BARTHOLOMAE		670		6160	9/1980	F	> 6160	FLOWING WELL	ERTEC 80/NVSEO
7	18N/51E-22BC	FLORIO	1950	135	6	6230	9/1980	60	6170		ERTEC 80/NVSEO
8	18N/51E-30BCA		1963			6190	9/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
9	18N/51E-30DAB	BARTHOLOMAE	1963	733	13	6190	9/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
10	18N/51E-34DCB	ARDAN		134	6	6330	9/1980	94	6236		ERTEC 80/NVSEO
11	17N/49E- 9DD		1964	315	14	8400	1/1940	40	8360		ROBINSON ET AL 67
12	17N/50E-25AA	BARTHOLOMAE	1951	60	6	6270	6/1951	16	6254		ROBINSON ET AL 67
13	17N/50E-27DA	U.S.AIR FORCE	1980	200	2	6420	3/1981	106	6314	OBSERVATION WELL	ERTEC
14	17N/51E-20DD	U.S.AIR FORCE	1980	200	2	6350	3/1981	95	6255	OBSERVATION WELL	ERTEC
15	17N/51E-22BB		1951	116	5	6350	9/1980	90	6260		ERTEC 80/NVSEO
16	17N/51E-27CC	THREE C WELL	1962	272	6	6400	9/1980	155	6245		ERTEC 80/NVSEO
17	17N/51E-31BD	CERUTTI WELL		18	6	6290	9/1980	16	6274		ERTEC 80/NVSEO
18	17N/52E- 7CA		1962	351		6570	9/1980	317	6253		ERTEC 80/NVSEO
19	17N/52E-17BB	ANTELOPE MINE		26	14	6920	7/1949	24	6896		ROBINSON ET AL 67
20	16N/50E-17DD	LEWIS COOK	1970	255	10	6510	9/1980	169	6341		ERTEC 80/NVSEO
21	16N/50E-27CA	U.S.AIR FORCE	1980	200	2	6435	3/1981	114	6321	OBSERVATION WELL	ERTEC
22	16N/50E-29ADC				5	6540	9/1980	206	6334		ERTEC 80/NVSEO
23	16N/51E- 7DA1	BARTHOLOMAE		30	12	6325	3/1964	28	6297		ROBINSON ET AL 67
24	16N/51E- 7DA2	BARTHOLOMAE	1963	105	6	6325	9/1980	28	6297		ERTEC 80/NVSEO
25	15N/50E- 2CC	U.S.AIR FORCE	1980	200	2	6660	3/1991	124	6336	OBSERVATION WELL	ERTEC
26	15N/50E- 4DA			252	16	6450	9/1980	132	6315	IRRIG. WELL	ERTEC 80/NVSEO

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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WELL AND WATER LEVEL DATA
ANTELOPE VALLEY, NEVADA

30 NOV 81

TABLE C1-1

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MEASUREMENT DATE	DEPTH TO WATER SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	10N/53E-28DD	U.S.AIR FORCE	1980	200	2	6055	[illegible]	--		DRY OBS. WELL	ERTEC
2	9N/53E- 8ACD	BLM	1966	680	8	5991	6[illegible]	630	5361		NV STATE ENG 79
3	8N/52E- 18D1	NRC	1968	6500	20	5863	[illegible]	490	5373	INTVL TESTED-2050'	ERTEC 80/NVSEO
4	8N/52E-15BC1	NRC		6011	20	59[illegible]	[illegible]	556	5354	INTVL TESTED-645'	DINWIDDIE ET AL 71
5	8N/52E-25DA	BLM	1966	130		58[illegible]	4/1966	--		DRY	NV STATE ENG 79
6	8N/53E-16AC	NRC	1969	6036	20	586[illegible]	1/1969	474	5388	INTVL TESTED-720'	DINWIDDIE ET AL 71
7	8N/53E-16AC2	BLM/ROGERS	1935	29	38	5560	6/1980	0	5560		ERTEC 80/NVSEO
8	8N/53E-29DA1	U.S.AIR FORCE	1981	649	2	5811	5/1981	471	5340	OBSERVATION WELL	ERTEC
9	8N/53E-29DA2	U.S.AIR FORCE	1981	573	10	5811	5/1981	468	5343	TEST WELL	ERTEC
10	8N/53E-33CB	NRC		7500	20	5795	[illegible]7981	488	5307		ERTEC /NVSEO

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WELL AND WATER LEVEL DATA
BIG SAND SPRINGS VALLEY, NEVADA

30 NOV 81

TABLE C1-2

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	9N/42E-31AD	BERTOLINO RANCH	1968	93	14	6100	6/1968	17	6083		RUSH ET AL 70
2	8N/39E-1331	CLOVERDALE RANCH	1950	42		5680	/1950	25	5655		RUSH ET AL 70
3	8N/39E-1352	CLOVERDALE RANCH	1950	36	14	5680	/1950	15	5665		RUSH ET AL 70
4	9N/42E-16 1		1940	100	6	5940	1/1940	38	5802		THORDARSON ET AL 71
5	9N/42E-16 2		1940	126	18	5865	3/1940	44	5801		THORDARSON ET AL 71
6	9N/42E-18	PEAVINE RANCH	1949	55	6	6400	4/1949	35	6365		THORDARSON ET AL 71
7	9N/43E-15D					6475	/1917	40	6435	PRE-1917 MEAS.	THORDARSON ET AL 71
8	8N/43E-21A			90		6220	9/1913	85	6135		THORDARSON ET AL 71
9	9N/43E-23A					6580	/1917	35	6545	PRE-1917 MEAS.	THORDARSON ET AL 71
10	7N/40E-27CB	HALTON	1964	300	14	5115	/1964	96	5019		USGS 79
11	7N/40E-27DC	HALTON	1964	300	14	5115	9/1968	86	5029		RUSH ET AL 70
12	7N/40E-28AD	JK RANCH	1964	560	14	5130	/1964	100	5030		USGS 79
13	7N/40E-28C9	TANNER	1964	300	14	5140	/1964	97	5043		USGS 79
14	7N/40E-30A	STEPHENS	1949	133	6	5160	/1949	78	5102		USGS 79
15	7N/40E-359	WEBB	1959	420		5100	3/1958	90	5010		THORDARSON ET AL 71
16	7N/40E-35CCC	SMOKY V.WATER CO	1958	1420	8	5088	9/1968	90	4998		USGS 79
17	7N/42E-15	PEAVINE RANCH	1949	240	8	5600	3/1949	180	5420		THORDARSON ET AL 71
18	7N/42E-17C7	SAN ANTONIO RANC	1949	86	14	5400	/1949	12	5388		RUSH ET AL 70
19	7N/42E-18 10	SAN ANTONIO RANC	1949	100	14	5400	6/1949	F	> 5400	FLOWING WELL	USGS 79
20	7N/42E-18 8	SAN ANTONIO RANC	1949	36	14	5400	5/1949	F	> 5400	FLOWING WELL	ROBINSON ET AL 67
21	7N/42E-18DC	SAN ANTONIO RANC	1949	30	14	5380	9/1979	15	5365		ERTEC 79/NVSEO
22	7N/42E-33AA	SAN ANTONIO RANC	1949	240	8	5617	/1949	180	5437		USGS 79
23	6N/40E-12CB	MC LAUGHLIN	1962	415	16	5075	2/1962	97	4978		THORDARSON ET AL 71
24	6N/40E-12DA		1961	282	16	5090	12/1961	91	4999		THORDARSON ET AL 71
25	6N/40E-13AA1	MC LAUGHLIN	1965	490	14	5080	8/1965	78	5002		RUSH ET AL 70
26	6N/40E-13AA2	IONE IRR. DIST.	1962	387	16	5080	2/1962	80	5000		THORDARSON ET AL 71
27	6N/40E-13ADC	JACKSON	1963	350	12	5070	8/1979	85	4985		ERTEC 79/NVSEO
28	6N/40E-13ADD					5070	9/1979	92	4978		ERTEC 79/NVSEO
29	6N/40E-24AA	JACKSON	1963	350	12	5060	4/1979	87	4973		ERTEC 79/NVSEO
30	6N/40E-34CBB					5000	4/1979	178	4822		ERTEC 79/NVSEO
31	6N/40E-34CBD			40		5000	4/1979	--		DRY WELL	ERTEC 79/NVSEO
32	6N/40E-34CD					4990	4/1979	171	4819		ERTEC 79/NVSEO
33	6N/40E-34DB					4990	4/1979	169	4821		ERTEC 79/NVSEO
34	6N/40E-36C					4999	4/1979	96	4903		ERTEC 79/NVSEO
35	6N/41E- 73AC1	JACKSON	1962	200	16	5110	11/1962	76	5034		THORDARSON ET AL 71
36	6N/41E- 73AC2	JACKSON	1963	350	12	5110	2/1963	92	5018		RUSH ET AL 70
37	6N/41E- 7CAA	MC LAUGHLIN	1964	244	16	5105	8/1979	91	5014		ERTEC 79/NVSEO
38	6N/41E-16CCA	BRIDGE	1950	230	8	5102	8/1979	134	4968		ERTEC 79/NVSEO
39	6N/41E-18CA1	SANDERSON	1963	400	12	5080	11/1963	92	4988		THORDARSON ET AL 71
40	6N/41E-18CB1	SANDERSON	1962	191	16	5080	10/1962	78	5002		THORDARSON ET AL 71
41	6N/41E-18CB2	IONE IRR. DIST.	1962	200	16	5076	9/1968	83	4993		USGS 79
42	6N/42E- 6CC				6	5006	8/1968	280	5726		USGS 79
43	5N/40E- 33A					4980	4/1979	172	4808		ERTEC 79/NVSEO
44	5N/40E- 33C					5003	4/1979	186	4817		ERTEC 79/NVSEO
45	5N/40E- 3CA1					4975	4/1979	153	4822		ERTEC 79/NVSEO
46	5N/40E- 3CA2			155		4975	4/1979	--		DRY WELL	ERTEC 79/NVSEO
47	5N/40E- 3CB					4979	4/1979	170	4809		ERTEC 79/NVSEO
48	5N/40E- 3CC					4972	4/1979	156	4816		ERTEC 79/NVSEO
49	5N/40E- 4D					5000	4/1979	204	4796		ERTEC 79/NVSEO
50	5N/40E-10B			52		4955	4/1979	--		DRY WELL	ERTEC 79/NVSEO
51	5N/40E-33DC	KANE		700	6	4882	/1913	90	4792		RUSH ET AL 70
52	5N/41E- 2AAB	ANACONDA CO.				5380	8/1979	0		DEPTH >500'	ERTEC 79/NVSEO
53	5N/41E- 5B01	MIDWAY STATION		135	48	5002	3/1949	130	4872	DUG WELL	RUSH ET AL 70
54	5N/41E- 5B02	R.O. RANCH	1964	180	10	5002	12/1964	125	4877		RUSH ET AL 70
55	5N/41E- 6A			135		5020	9/1913	124	4896		THORDARSON ET AL 71
56	4N/41E-16DB	RODGERS		98	10	4858	9/1968	55	4803		USGS 79
57	4N/41E-30DB	MONTEZUMA		47		4830	/1913	43	4787	YEAR DRILLED=1870	USGS 79
58	3N/40E- 2C			61		4815	12/1960	40	4775		THORDARSON ET AL 71
59	3N/40E- 2DC	MILLERS RESTAREA	1968	280	6	4817	/1968	50	4767		USGS 79
60	3N/40E- 2DCC	MILLER				4816	8/1979	40	4776		ERTEC 79/NVSEO
61	3N/40E-11BB	MILLER		61	60	4815	8/1979	42	4773	DUG WELL	ERTEC 79/NVSEO
62	3N/41E-10CB			210		5008	8/1913	202	4798		RUSH ET AL 70
63	3N/41E-21CD	MAIN LINE	1949	310		5070	/1949	240	4830		USGS 79
64	3N/41E-26 1	LAMBERTUCCI		179		5200	10/1963	20	5180		ROBINSON ETAL 67
65	3N/41E-26 2	LAMBERTUCCI		312		5200	10/1963	9	5191		ROBINSON ETAL 67
66	3N/41E-28	JOHN CASEY	1949	310	6	5100	11/1949	240	4860		THORDARSON ET AL 71
67	3N/42E- 4	LAMBERTUCCI	1949	330	15	5800	8/1949	140	5660		ROBINSON ET AL 67
68	3N/42E- 9			179		5600	/1963	42	5558		NV STATE ENG 79
69	3N/42E-11	LAMBERTUCCI	1949	35	8	5970	7/1949	13	5957		THORDARSON ET AL 71
70	3N/42E-21		1963	312	8	5639	11/1963	9	5630		THORDARSON ET AL 71
71	3N/42E-32	LAMBERTUCCI	1963	179	9	5550	10/1963	20	5530		THORDARSON ET AL 71
72	1N/41E-26D	GOTTSCHALK		400	8	4836	/1917	61	4773	PRE-1917 MEASMT.	THORDARSON ETAL 71
73	1N/42E-33DAD			160		4912	8/1979	137	4775		ERTEC 79/NVSEO
74	1N/42E-34C	KLONDIKE		160	70	4940	1/1967	138	4802	DUG WELL	RUSH 68
75	1S/41E- 4C	USGS NO. 3	1965	72	2	4810	1/1967	46	4764		RUSH 68
76	1S/41E-18A	USGS NO. 2	1965	72	2	4802	1/1967	48	4754		RUSH 68
77	1S/42E-10AA	DODGE CONSTR. CO	1950	310	6	4990	10/1962	197	4793		THORDARSON ET AL 71

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WELL AND WATER LEVEL DATA
BIG SMOKY VALLEY, NEVADA

30 NOV 81 TABLE C1-3

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	26N/62E-22A1	STRATTON RANCH				6400	8/1967	15	6385		GLANCY 68
2	25N/62E-17B1	PARIS				6351	11/1980	9	6342		ERTEC 80/NVSEO
3	24N/60E-33B1	BLM	1960	420		6700	8/1966	--		DRY	GLANCY 68
4	24N/61E-14C1	PARIS			6	6300	11/1980	24	6276		ERTEC 80/NVSEO
5	23N/60E-22BC	BLM			6	6275	11/1980	55	6220		ERTEC 80/NVSEO
6	23N/61E- 7D1	PARIS		40	8	6260	11/1980	27	6233		ERTEC 80/NVSEO
7	23N/61E-13	PARIS		10		7615		10	7605		GLANCY 68
8	23N/61E-31CDC			13	4	6251	11/1980	11	6240		ERTEC 80/NVSEO
9	22N/60E-26A1	PARIS			6	6180	11/1980	66	6114		ERTEC 80/NVSEO
10	22N/61E- 6C	PARIS		185	8	6190	6/1958	39	6151		GLANCY 68
11	22N/61E-15	PARIS		36		7700	6/1958	32	7668		GLANCY 68
12	22N/61E-21BC				36	7000	11/1980	9	6991	ABANDONED	ERTEC 80/NVSEO
13	22N/61E-33	PARIS		12		6800	7/1958	10	6790		GLANCY 68
14	21N/61E- 6C1	PARIS			6	6190	11/1980	71	6119		ERTEC 80/NVSEO
15	21N/61E- 8BBC	U.S.AIR FORCE	1980	150	2	6200	3/1981	80	6120	OBSERVATION WELL	ERTEC
16	21N/61E-15DC	U.S.AIR FORCE	1980	200	2	6163	3/1981	57	6106	OBSERVATION WELL	ERTEC
17	21N/61E-30BCD	U.S.AIR FORCE	1980	200	2	6250	3/1981	137	6113	OBSERVATION WELL	ERTEC
18	21N/61E-32C	U.S.AIR FORCE	1980	200	2	6210	3/1981	78	6132	OBSERVATION WELL	ERTEC
19	21N/62E- 9BC	TREMBLY		434	16	7000	6/1978	171	6829		NV STATE ENG 79
20	20N/61E- 6D1	UHALDE	1966		8	6300	11/1980	152	6148		ERTEC 80/NVSEO
21	20N/61E-13DD	GULF OIL	1965	105	6	6250	11/1980	66	6184		ERTEC 80/NVSEO
22	20N/62E-32BC	U.S.AIR FORCE	1980	200	2	6315	3/1981	142	6173	OBSERVATION WELL	ERTEC
23	19N/61E-26DAD	MILLERS RANCH			6	7000	11/1980	46	6954		ERTEC 80/NVSEO
24	19N/61E-30B1	BLM	1966	270	8	6950	8/1967	198	6752		GLANCY 68

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WELL AND WATER LEVEL DATA
BUTTE VALLEY, NEVADA

30 NOV 81 TABLE C1-4

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	10N/63E-25AAB	URRUTIA		20		6620	3/1980	20	6600	GW ELEV/DEPTH EST.	ERTEC 80/NVSEO
2	9N/64E- 6BDD	PARKER STA.				6530	3/1980	F	> 6530	FLOWING WELL	ERTEC 80/NVSEO
3	9N/64E-18AA	U.S.AIR FORCE	1979	101	2	6430	12/1980	--		DRY OBS.WELL	ERTEC 80
4	9N/64E-20AD	U.S.AIR FORCE	1980	200	2	6345	11/1980			WELL COLLAPSED	ERTEC 80
5	9N/64E-27BDC	BLM		315		6400	3/1980	239	6161		ERTEC 80/NVSEO
6	8N/64E- 4ABD					6235	3/1980	141	6094		ERTEC 80/NVSEO
7	8N/64E-15BCB	HARRIS	1968	375		6159	3/1980	280	5879		ERTEC 80/NVSEO
8	8N/64E-30CDB	URRUTIA			6	6080	3/1980	322	5758		ERTEC 80/NVSEO
9	7N/63E-14AB	U.S.AIR FORCE	1980	462	10	6009	10/1980	229	5780	TEST WELL	ERTEC 80
10	7N/63E-14AB1	U.S.AIR FORCE	1980	458	2	6010	10/1980	231	5779	OBSERVATION WELL	ERTEC 80
11	7N/63E-15DAC	BLM	1943	385	6	6020	3/1980	233	5787		ERTEC 80/NVSEO
12	7N/64E-19DDD	GULF OIL		265		6000	3/1980	215	5785		ERTEC 80/NVSEO

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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DEPARTMENT OF THE AIR FORCE
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WELL AND WATER LEVEL DATA
CAVE VALLEY, NEVADA

30 NOV 81

TABLE C1-5

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	3N/59E-10BD	U.S.AIR FORCE	1980	1835	10	5560	6/1981	803	4757	CASED 0-118'	ERTEC
2	3N/59E-12AA	U.S.AIR FORCE	1980	200	2	5080	11/1980	--		DRY OBS.WELL	ERTEC 80
3	3N/59E-27AD	U.S.AIR FORCE	1980	200	2	5040	11/1980	--		DRY OBS.WELL	ERTEC 80
4	2N/59E-22B			250		5025	/1915	--		DRY	CARPENTER 15
5	1N/60E-33CC	U.S.AIR FORCE	1979	200	2	4960	1/1980	--		DRY OBS.WELL	ERTEC 80
6	1S/59E-27CA	U.S.AIR FORCE	1979	200	2	5110	1/1980	--		DRY OBS.WELL	ERTEC 80
7	1S/59E-33CC	U.S.AIR FORCE	1979	200	2	5240	1/1980	--		DRY OBS.WELL	ERTEC 80
8	1S/59E-34CB1	U.S.AIR FORCE	1980	1445	2	5125	6/1981	862	4263	OBSERVATION WELL	ERTEC
9	1S/59E-34CB2	U.S.AIR FORCE	1981	1315	10	5120	6/1981	845	4275	TEST WELL	ERTEC
10	2S/58E-12BB	BLM		188	8	5600	5/1980	108	5492		ERTEC 80/NVSEO
11	2S/60E- 5CD	PAYACA FARMS	1965	172	16	5300	11/1965	11	5289		NV STATE ENG 79

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WELL AND WATER LEVEL DATA
COAL VALLEY, NEVADA

30 NOV 81

TABLE C1-6

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	4S/63E-23DD			61		4835	11/1966	--		DRY	NV STATE ENG 79
2	4S/63E-24CD	HARRISON	1967	360		4850	7/1967	--		DRY/UNCASED	NV STATE ENG 79
3	6S/63E-12ADA1	U.S.AIR FORCE	1980	1195		4710	5/1980	871	3839	TEST WELL	ERTEC 80
4	6S/63E-12ADA2	U.S.AIR FORCE	1980	981	2	4710	4/1981	867	3843	OBSERVATION WELL	ERTEC
5	7S/64E-12DD	STEWART	1964	90	8	5800	5/1980	38	5762		ERTEC 80/NVSEO
6	7S/64E-19	GULF OIL CO.	1966	265	6	4750	/1966	225	4525		NV STATE ENG 79

WELL DESCRIPTION

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WELL AND WATER LEVEL DATA DELAMAR VALLEY, NEVADA

30 NOV 81

TABLE C1-7

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
	WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
1	3N/63E-27CA	U.S.AIR FORCE	1980	2395	10	5390	2/1981	851	4539	CARB.TEST WELL	ERTEC
2	3N/64E-20BAC	BLM	1960	380	6	5067	/1960	317	4750		EAKIN 63
3	3N/65E-21DBA	DELMUE	1962	51		5451	/1962	45	5406		USGS 79
4	2N/65E- 6B1			376		5075		--		DRY	EAKIN 63
5	1N/64E-24A1	LYTLE & OTHERS	1959	515	5	4700	1/1959	398	4302		EAKIN 63
6	1N/65E- 2AAC			12	48	5660		10	5650	DUG WELL	EAKIN 63
7	3S/64E-12AC1	U.S.AIR FORCE	1980	1305	2	4645	2/1981	383	4262	OBSERVATION WELL	ERTEC
8	3S/64E-12AC2	U.S.AIR FORCE	1950	1012	10	4645	2/1981	395	4250	TEST WELL	ERTEC

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BMO/AFRCE-MX

WELL AND WATER LEVEL DATA
DRY LAKE VALLEY, NEVADA

30 NOV 81

TABLE C1-8

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
	WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
1	(C- 9-11)16ADD	U.S.ARMY	1954	200	10	4338	9/1954	30	4308		STEPHENS ET AL 78
2	(C- 9-11)19ACC	U.S.AIR FORCE	1979	200	2	4340	3/1981	31	4309	OBSERVATION WELL	ERTEC
3	(C- 9-11)32DDA	BLM	1952	202	8	4480	6/1952	170	4310		STEPHENS ET AL 78
4	(C- 9-12)25CBA	SHELL OIL CO.	1969	307	8	4458	10/1969	160	4298		UTAH STATE ENG 79
5	(C-10- 9) 8CCC	BLM	1957	130		4407	/1957	80	4327		STEPHENS ET AL 78
6	(C-10-10) 2DDC	FENN. BROS.	1973	375	16	4430	8/1975	109	4321		STEPHENS ET AL 78
7	(C-10-10)23CAD	U.S.AIR FORCE	1979	180	2	4514	3/1981	--		DRY OBS.WELL	ERTEC
8	(C-10-10)31BBB	BLM	1935	551	8	4524	3/1935	190	4334		STEPHENS ET AL 78
9	(C-11-10)19BB	U.S.AIR FORCE	1980	178	2	4715	7/1980	--		DRY OBS.WELL	ERTEC 80
10	(C-11-11)12ABA	BLM	1949	306	6	4602	3/1965	274	4328		STEPHENS ET AL 78
11	(C-11-11)12ABD	BLM	1949	306	6	4602	11/1949	270	4332		UTAH STATE ENG 79
12	(C-12-10)31CC	U.S.AIR FORCE	1980	402	10	5040	7/1980	--		DRY/TEST WELL	ERTEC 80

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WELL AND WATER LEVEL DATA DUGWAY VALLEY, UTAH

30 NOV 81

TABLE C1 9

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-11-12) 4CC	U.S.AIR FORCE	1980	160	2	4471	2/1981	139	4332	OBSERVATION WELL	ERTEC
2	(C-11-12) 4CCD	BLM	1935	538	6	4471	8/1976	154	4317		BOLKE ET AL 78
3	(C-11-12)15BBA	BLM	1962	330	6	4580	10/1962	255	4325		BOLKE ET AL 78
4	(C-11-13) 1ACB	U.S.AIR FORCE	1979	150	2	4330	3/1981	10	4320	OBSERVATION WELL	ERTEC
5	(C-11-14)23DCC	FISH & WLDLF.	1964	35	12	4330	11/1979	20	4310		ERTEC 79/UTSEO
6	(C-12-12) 7BCD	SMITH	1956	210	6	4600	7/1956	183	4417		UTAH STATE ENG 79
7	(C-12-12)31CBC					4550	11/1979	370	4180	DEPTH/GW ELEV-EST.	ERTEC 79/UTSEO
8	(C-12-12)31CCA					4565	6/1977	227	4338		BOLKE ET AL 78
9	(C-12-12)31CCB	BLM	1946	232	6	4540	2/1946	203	4337		BOLKE ET AL 78
10	(C-12-13)12CAA	BLM	1956	210	6	4510	7/1956	183	4327		BOLKE ET AL 78
11	(C-12-13)14DDB	U.S.AIR FORCE	1979	200	2	4410	3/1981	76	4334	OBSERVATION WELL	ERTEC
12	(C-12-13)15DCC	U.S.AIR FORCE	1979	150	2	4344	3/1981	12	4332	OBSERVATION WELL	ERTEC
13	(C-12-14)23BCC	BLM				4345	8/1976	10	4335		BOLKE ET AL 78
14	(C-13-12) 5CBD		1961	615	5	4756	3/1962	427	4329	USGS	BOLKE ET AL 78
15	(C-13-13)10CDA	U.S.AIR FORCE	1979	200	2	4433	3/1981	105	4328	OBSERVATION WELL	ERTEC
16	(C-13-13)14DBC	U.S.AIR FORCE	1979	200	2	4330	3/1981	--		DRY OBS.WELL	ERTEC
17	(C-13-13)18CBA	U.S.AIR FORCE	1979	200	2	4420	2/1981	78	4342	OBSERVATION WELL	ERTEC
18	(C-13-14)25DA	U.S.AIR FORCE	1980	200	2	4465	3/1981	109	4356	OBSERVATION WELL	ERTEC
19	(C-14-12) 4CBC	BLM	1935	509	6	4811	3/1935	370	4441		BOLKE ET AL 78
20	(C-14-13) 7DAA	U.S.AIR FORCE	1979	200	2	4596	3/1981	--		DRY OBS.WELL	ERTEC
21	(C-14-13) 9CBA	BLM	1966	266	6	4623	4/1966	226	4397		BOLKE ET AL 78

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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WELL AND WATER LEVEL DATA
FISH SPRINGS FLAT VALLEY, UTAH

30 NOV 81

TABLE C1-10

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	5N/59E-31CA	U.S.AIR FORCE	1979	200	2	5520	11/1980	111	5409	OBSERVATION WELL	ERTEC 80
2	5N/59E-32D	PARIS				5350	5/1980	59	5291		ERTEC 80/NVSEO
3	4N/59E-22DB	U.S.AIR FORCE	1979	100	2	5500	3/1981	153	5347	OBSERVATION WELL	ERTEC
4	4N/58E-23D				10	5350	5/1980	16	5334		ERTEC 80/NVSEO
5	4N/58E-33DB	U.S.AIR FORCE	1980	200	2	5550	11/1980	--		DRY OBS.WELL	ERTEC 80
6	4N/59E-36A1	BLM			10	5230	5/1980	25	5204		ERTEC 80/NVSEO
7	4N/59E- 6D	WADSWORTH		200	12	5300	5/1980	9	5291		ERTEC 80/NVSEO
8	4N/59E- 8B	WADSWORTH		80	12	5300	5/1980	10	5290		ERTEC 80/NVSEO
9	4N/59E- 8B1	WADSWORTH				5300	5/1980	12	5288		ERTEC 80/NVSEO
10	4N/59E-30DC	U.S.AIR FORCE	1979	100	2	5275	3/1981	65	5210	OBSERVATION WELL	ERTEC
11	3N/57E-16C	UHALDE	1960	92	16	6200	5/1980	19	6181		ERTEC 80/NVSEC
12	3N/58E- 1AD	U.S.AIR FORCE	1979	100	2	5210	3/1981	88	5122	OBSERVATION WELL	ERTEC
13	3N/58E-15B1	UHALDE	1960	260	6	5310	5/1980	221	5089		ERTEC 80/NVSEO
14	3N/59E-18BB	U.S.AIR FORCE	1979	200	2	5230	3/1981	153	5077	OBSERVATION WELL	ERTEC
15	2N/57E-22BA1	U.S.AIR FORCE	1980	1099	2	5583	4/1981	430	5153	OBSERVATION WELL	ERTEC
16	2N/57E-22BA2	U.S.AIR FORCE	1980	1065	10	5575	4/1981	420	5155	TEST WELL	ERTEC
17	2N/58E- 3AA	U.S.AIR FORCE	1979	200	2	5200	3/1981	140	5060	OBSERVATION WELL	ERTEC
18	2N/59E-14C	CIVA CORP.				5150	5/1980	114	5036		ERTEC 80/NVSEO
19	1N/57E-20	COLD CK. MINE				6200	5/1980	188	6012		ERTEC 80/NVSEO
20	1S/57E- 3A1	UHALDE	1944	620	6	5540	6/1980	489	5051		ERTEC 80/NVSEO

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WELL AND WATER LEVEL DATA
GARDEN VALLEY, NEVADA

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TABLE C1-11

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-21-19)31DCB	DEARDEN	1946	400	16	5225	7/1951	42	5183		HOOD ET AL 65
2	(C-22-19) 6BAC	DEARDEN	1950	167	16	5250	11/1950	49	5201		HOOD ET AL 65
3	(C-22-19) 6BCA	BOSWELL RANCH		111		5213	8/1979	37	5176		ERTEC 79/UTSEO
4	(C-22-19)31CB	U.S.AIR FORCE	1980	200	2	5560	3/1981	187	5373	OBSERVATION WELL	ERTEC
5	(C-22-20) 1AAC	ANDERSON	1964	125	4	5270	5/1964	60	5210		UTAH STATE ENG 79
6	(C-22-20) 1AAD	SMITH	1948	137	6	5270	6/1948	63	5207		UTAH STATE ENG 79
7	(C-22-20) 1DAA	LEE	1939	115	5	5270	7/1939	75	5195		UTAH STATE ENG 79
8	(C-22-20)24DD	U.S.AIR FORCE	1979	101	2	5560	3/1981	--		DRY OBS. WELL	ERTEC
9	(C-23-19) 7CD	U.S.AIR FORCE	1979	101	2	5480	3/1981	--		DRY OBS.WELL	ERTEC
10	(C-23-19) 8D	CARPENTER RANCH	1976	40	16	5400	5/1976	3	5397		UTAH STATE ENG 79
11	(C-23-19) 9CDB	DEARDEN	1931	270	6	5405	11/1936	15	5390	OBSERVATION WELL	HOOD ET AL 65
12	(C-23-19)10CB	U.S.AIR FORCE	1979	100	2	5485	3/1981	69	5416	OBSERVATION WELL	ERTEC
13	(C-23-19)10DD	U.S.AIR FORCE	1980	200	2	5590	3/1981	163	5427	OBSERVATION WELL	ERTEC
14	(C-23-19)13AAB	BLM	1935	540	6	5930		476	5454		HOOD ET AL 65
15	(C-23-19)20BCA	DAVIES		40	6	5410	11/1950	15	5395		HOOD ET AL 65
16	(C-23-19)20BD3					5410	8/1979	18	5391		ERTEC 79/UTSEO
17	(C-23-19)20DBC	DAVIES		300		5415	8/1979	16	5398		ERTEC 79/UTSEO
18	(C-23-19)22B	U.S.AIR FORCE	1979	50	2	5405	3/1981	48	5357	OBSERVATION WELL	ERTEC
19	(C-23-19)24DCC	LEE	1939	472	5	5780	6/1939	455	5325		UTAH STATE ENG 79
20	(C-23-19)28CB	U.S.AIR FORCE	1979	100	2	5450	3/1981	40	5410	OBSERVATION WELL	ERTEC
21	(C-24-19) 3DA	U.S.AIR FORCE	1980	200	2	5570	3/1981	126	5444	OBSERVATION WELL	ERTEC
22	(C-24-19) 3DBA		1958	172	6	5558	10/1958	138	5420		HOOD ET AL 65
23	(C-24-19) 4AA	U.S.AIR FORCE	1979	100	2	5530	3/1981	82	5448	OBSERVATION WELL	ERTEC
24	(C-30-19)27CAB	BLM		215	12	6325		170	6155		HOOD ET AL 65
25	(C-32-19)21ABA1			35		6740	11/1962	17	6723		HOOD ET AL 65
26	(C-32-19)21ABA2			61		6740	11/1962	58	6682		HOOD ET AL 65
27	(C-32-19)22DCB	MULET	1963	407	8	6640	12/1964	335	6305		HOOD ET AL 65
28	(C-32-19)25AAA			130		6565		--		DRY	HOOD ET AL 65
29	(C-32-19)27ACC			430		6650	9/1972	415	6235		UTAH STATE ENG 79
30	14N/69E-24DDD			70		5650	8/1979	32	5618		ERTEC 79/NVSEO
31	14N/69E-24DA9			200		5600	8/1979	12	5587		ERTEC 79/NVSEO
32	14N/70E-31C	SZYDLOWSKI	1950	65	6	5620	10/1950	25	5595		HOOD ET AL 65
33	13N/69E-11ABC	COFFMAN	1974	108	8	6400	4/1974	85	6315		NV STATE ENG 79
34	13N/69E-11CBC	SPIGGS	1957	29	72	6550	4/1958	25	6525		HOOD ET AL 65
35	13N/70E- 3D	BAKER RANCH	1950	470	24	5350	6/1950	F	> 5350	FLOWING WELL	HOOD ET AL 65
36	13N/70E- 4CDC			300	8	5300	8/1979	28	5272		ERTEC 79/NVSEO
37	13N/70E- 4D	BELANDER	1951	153	12	5300	5/1952	44	5256		HOOD ET AL 65
38	13N/70E- 9BD	FOREST SERVICE	1953	88	6	5350	7/1953	18	5332		HOOD ET AL 65
39	13N/70E- 9BDD	SONDER		90		5300	8/1979	16	5284		ERTEC 79/NVSEO
40	13N/70E- 9C	MESSELGISSER	1952	84	6	5300	7/1952	51	5249		HOOD ET AL 65
41	13N/70E- 9CA	CRAMER	1951	82	6	5300		28	5272		NV STATE ENG 79
42	13N/70E-10ABA	BAKER RANCH	1951	1746	16	5200	8/1979	151	5048		ERTEC 79/NVSEO
43	13N/70E-10CAD	MT.WHEELER RANCH	1948	313	20	5250	8/1979	F	> 5250	FLOWING WELL	ERTEC 79/NVSEO
44	13N/70E-14CCA	SMITH	1949	415		5200	8/1979	F	> 5200	FLOWING WELL	ERTEC 79/NVSEO
45	13N/70E-16C	GREGORY	1953	154	6	5435	5/1953	39	5396		HOOD ET AL 65
46	13N/70E-16CC	MC HENRY	1974	107	8	5470	3/1974	53	5417		NV STATE ENG 79
47	13N/70E-16DB	SMITH	1948	143	8	5360	8/1948	50	5310		NV STATE ENG 79
48	13N/70E-35ABC	BLM STATE HWY.	1947	158	6	5330	12/1947	100	5230		HOOD ET AL 65
49	13N/71E-19BCD	BLM	1947	82	6	5160	10/1947	25	5135		HOOD ET AL 65
50	12N/70E-13AC	U.S.AIR FORCE	1980	200	2	5540	3/1981	--		DRY OBS. WELL	ERTEC
51	11N/70E-35AD	U.S.AIR FORCE	1979	101	2	5595	3/1981	70	5525	OBSERVATION WELL	ERTEC
52	11N/70E-35BB	U.S.AIR FORCE	1980	200	2	5680	3/1981	143	5537	OBSERVATION WELL	ERTEC
53	11N/70E-36BD	U.S.AIR FORCE	1979	101	2	5520	3/1981	67	5453	OBSERVATION WELL	ERTEC
54	10N/70E-11D	COVINGTON	1953	100	16	5490	7/1953	9	5481		HOOD ET AL 65
55	10N/70E-12B	COVINGTON	1953	90	16	5470	7/1953	14	5456		HOOD ET AL 65
56	10N/70E-25D	YOUNG	1953	70	16	5525	8/1953	7	5518		HESS ET AL 78
57	9N/69E-32DA	U.S.AIR FORCE		200	2	5910	3/1981	--		DRY OBS. WELL	ERTEC
58	9N/70E-14CAB					5620	7/1979	27	5593		ERTEC 79/NVSEO
59	9N/70E-34DCD	LEE & DEARDEN	1947	217	8	5690	8/1979	110	5580		ERTEC 79/NVSEO
60	9N/71E- 6A					5720	7/1979	199	5521		ERTEC 79/NVSEO
61	9.5N/70E-33AL	U.S.AIR FORCE	1979	101	2	5650	7/1980	75	5575		ERTEC 80
62	8N/69E- 9DA	U.S.AIR FORCE	1979	100	2	5760	3/1981	--		DRY OBS. WELL	ERTEC
63	8N/69E-15BBD	DEARDEN		110	6	5750	7/1979	75	5675		ERTEC 79/NVSEO
64	8N/69E-35DC1	U.S.AIR FORCE	1980	522	2	5834	2/1981	174	5660	OBSERVATION WELL	ERTEC
65	8N/69E-35DC2	U.S.AIR FORCE	1980	480	10	5816	2/1981	156	5660	TEST WELL	ERTEC
66	8N/69E-36AAA	BLM	1980	480	10	5816	9/1979	145	5671		ERTEC 79/NVSEO
67	8N/70E- 6ABA	BLM	1947	164	6	5670	7/1979	88	5582		ERTEC 79/NVSEO
68	8N/70E-21AAD	ASHCRAN	1933	153	*	5710	9/1979	122	5588		ERTEC 79/NVSEO

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BMO/AFRCE-MX

WELL AND WATER LEVEL DATA
HAMLIN VALLEY, UTAH

30 NOV 81

TABLE C1-12

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	10N/51E-14DAA		1929		14	6190	7/1980	F	> 6190	FLOWING WELL	ERTEC 80/NVSEO
2	10N/51E-34DC	NRC	1967	915	20	6545	6/1967	475	6070		DINWIDDIE ET AL 71
3	9N/51E-22AAB	NRC	1967	850	13	6110	7/1967	551	5559		DINWIDDIE ET AL 71
4	9N/51E-34BDB	NRC	1967	4206	8	5789	6/1967	360	5429		DINWIDDIE ET AL 71
5	9N/51E-34DCB	NRC	1967	5306	20	5759	12/1967	215	5544	720' INTRVL.TESTED	DINWIDDIE ET AL 71
6	8N/50E-33BA	VALIANT FARMS	1948	180	6	5533	12/1948	150	5383		USGS 79
7	8N/51E- 18CC	NRC	1967	598	20	5763	7/1980	330	5433		ERTEC 80/NVSEO
8	8N/51E-34C	NRC	1969	590	20	5496	3/1969	99	5397		DINWIDDIE ET AL 71
9	8N/51E-34CAC	VALIANT FARMS	1948	155	5	5492	11/1948	110	5382		RUSH ET AL 66
10	7N/51E- 4DC	U.S.AIR FORCE	1980	200	2	5490	3/1981	129	5361	OESERVATION WELL	ERTEC
11	7N/51E-10AD1	U.S.AIR FORCE	1980	480	10	5603	9/1980	238	5365	USAF TEST WELL	ERTEC 80
12	7N/51E-10AD2	U.S.AIR FORCE	1980	480	2	5626	9/1980	255	5371	OBSERVATION WELL	ERTEC 80
13	6N/50E-10BB	OBVT. MINING CO.	1964	261		5660	7/1980	263	5397		ERTEC 80/NVSEO
14	6N/50E-11BCC	VALIANT FARMS			6	5553	10/1965	183	5370		RUSH ET AL 66
15	6N/50E-17CDC		1942	216	6	6150	7/1942	130	6020		NV STATE ENG 79
16	6N/50E-27AC1	U.S.AIR FORCE	1980	505	10	5522	9/1980	291	5231	TEST WELL	ERTEC 80
17	6N/50E-27AC2	U.S.AIR FORCE	1980	455	2	5508	9/1980	301	5207	OBSERVATION WELL	ERTEC 80
18	6N/50E-35A	VALIANT FARMS	1942	205	6	5327	7/1980	169	5158		ERTEC 80/NVSEO
19	6N/51E-17BD	U.S.AIR FORCE	1980	197	2	5305	3/1981	79	5226	OBSERVATION WELL	ERTEC
20	6N/51E-22BAB	STATE OF NV	1960	258	10	5250	7/1980	45	5205		ERTEC 80/NVSEO
21	5N/50E- 1BD	U.S.AIR FORCE	1980	202	2	5270	3/1981	114	5156	OBSERVATION WELL	ERTEC
22	5N/51E- 7BC	AIR FORCE-NRC	1980		8	5220	7/1980	69	5151		ERTEC 80/NVSEO
23	5N/51E- 7BDB	AIR FORCE-NRC	1980		8	5220	7/1980	76	5144		ERTEC 80/NVSEO
24	5N/51E-11CDC				6	5170	10/1965	25	5145		USGS 79
25	5N/51E-19BA		1973	223	8	5187	11/1973	49	5138		NV STATE ENG 79
26	4N/50E- 9BD	U.S.AIR FORCE	1980	200	2	5460	3/1981	--		DRY OBS.WELL	ERTEC
27	4N/51E-13ACC	TWIN SPR. RANCH	1970	195	10	5125	7/1980	F	> 5125	FLOWING WELL	ERTEC 80/NVSEO
28	4N/51E-13BD	TWIN SPR. RANCH	1970	130	6	5130	7/1970	3	5127		NV STATE ENG 79
29	4N/51E-13D	FALLINI	1959	300	8	5120	/1959	3	5117	UNUSED	ROBINSON ET AL 67
30	4N/51E-13DA	TWIN SPR. RANCH	1967	80	12	5125	10/1967	9	5116		NV STATE ENG 79
31	4N/51E-16CA	U.S.AIR FORCE	1980	200	2	5210	3/1981	55	5155	OBSERVATION WELL	ERTEC
32	4N/52E- 6CC	U.S.AIR FORCE	1980	200	2	5240	3/1981	99	5141	OBSERVATION WELL	ERTEC

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HOT CREEK VALLEY, NEVADA

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TABLE C1-13

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
	WELL DESCRIPTION						WATER LEVEL MEASUREMENTS				
1	19N/60E-21CB			190	6	7080	11/1980	163	6917		ERTEC 80/NVSEO
2	18N/60E-10DB			30	6	6790	11/1980	18	6772		ERTEC 80/NVSEO
3	17N/59E- 3	MORMON RANCH	1950	32	6	6600	10/1950	20	6580		NV STATE ENG 79

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TABLE C1-14

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	22N/49E- 4BA01				6	6540	10/1980	7	6533		ERTEC 80/NVSEO
2	22N/51E-30BB	ROBERTS CK. RANC	1958	350	13	6475	10/1980	115	6360		ERTEC 80/NVSEO
3	21N/48E-10CA	ETCHEGARY	1947	20	6	6600	10/1947	10	6590		ROBINSON ET AL 67
4	21N/48E-15AAA				6	6486	10/1980	7	6479		ERTEC 80/NVSEO
5	21N/49E-16CC	SANTE FE RANCH	1945	60	6	6235	10/1980	43	6192		ERTEC 80/NVSEO
6	21N/50E-17B	BLM	1974	124	8	6232	4/1974	50	6182		NV STATE ENG 79
7	21N/51E- 2A	BLM	1970	280	8	6320	4/1970	228	6092		NV STATE ENG 79
8	20N/49E- 9CD	ETCHEGARY	1951	250	12	6150	9/1951	6	6144		ROBINSON ET AL 67
9	20N/49E- 9CDB	BARTINE RANCH		23	6	6154	10/1980	0	6154		ERTEC 80/NVSEO
10	20N/49E- 9D	DANELE	1953	85	12	6160	8/1953	15	6145		RUSH ET AL 64
11	20N/49E-23CA				6	6140	10/1980	12	6128		ERTEC 80/NVSEO
12	20N/49E-24AAD				6	6115	10/1980	8	6107		ERTEC 80/NVSEO
13	20N/49E-30BDA	U.S.AIR FORCE	1980	150	2	6210				VANDALIZED OBS.WELL	ERTEC 80
14	20N/50E-21AC				6	6090	9/1980	F	> 6090	FLOWING WELL	ERTEC 80/NVSEO
15	20N/51E- 7AC				6	6140	10/1980	11	6129		ERTEC 80/NVSEO
16	20N/51E-12CA	U.S.AIR FORCE	1980	200	2	6030	2/1981	41	5989	OBSERVATION WELL	ERTEC
17	20N/52E-17B0A	HAY RANCH		90	10	6019	9/1980	18	6001		ERTEC 80/NVSEO
18	20N/52E-17CBD	HAY RANCH		25	6	6010	9/1980	7	6003		ERTEC 80/NVSEO
19	20N/52E-18ABA	HAY RANCH			12	6018	9/1980	7	6011		ERTEC 80/NVSEO
20	20N/52E-20A	HAY RANCH	1951	120	10	6010	5/1951	16	5994		ROBINSON ET AL 67
21	20N/52E-20DBA				10	6080	9/1980	F	> 6080	FLOWING WELL	ERTEC 80/NVSEO
22	20N/52E-20DBB	HAY RANCH				6080	9/1980	10	6070		ERTEC 80/NVSEO
23	19N/47E-13CBB				16	6300	10/1980	90	6210		ERTEC 80/NVSEO
24	19N/47E-16CD				16	6315	10/1980	76	6239		ERTEC 80/NVSEO
25	19N/47E-22ABB				16	6275	10/1980	66	6209		ERTEC 80/NVSEO
26	19N/47E-22BBB				12	6284	10/1980	88	6196		ERTEC 80/NVSEO
27	19N/47E-22CC				6	6270	10/1980	58	6212		ERTEC 80/NVSEO
28	19N/47E-23ABB				16	6260	10/1980	46	6214		ERTEC 80/NVSEO
29	19N/47E-28DD	U.S.AIR FORCE	1980	150	2	6275	2/1981	64	6211	OBSERVATION WELL	ERTEC
30	19N/47E-31AAD				6	6309	10/1980	99	6210		ERTEC 80/NVSEO
31	19N/47E-35AB	DRY CR. RANCH	1958	102	8	6260	10/1980	50	6210		ERTEC 80/NVSEO
32	19N/48E-12AB	FARR	1959	90	6	6183	10/1980	9	6174		ERTEC 80/NVSEO
33	19N/48E-21DB					6250	10/1980	52	6198		ERTEC 80/NVSEO
34	19N/49E- 4ABB				14	6152	10/1980	1	6151		ERTEC 80/NVSEO
35	19N/49E- 5DAA	DRY CR. RANCH	1951	280	12	6155	10/1980	2	6153		ERTEC 80/NVSEO
36	19N/49E- 6DAD				50	6164	10/1980	4	6160		ERTEC 80/NVSEO
37	19N/49E- 8BDD				16	6160	10/1980	3	6157		ERTEC 80/NVSEO
38	19N/49E-18CA		1959	90	6	6200	10/1980	27	6173		ERTEC 80/NVSEO
39	19N/49E-29CC				16	6340	10/1980	176	6164		ERTEC 80/NVSEO
40	19N/49E-30AAA	FARR	1959	225	18	6278	10/1980	107	6171		ERTEC 80/NVSEO
41	19N/49E-30BD				6	6345	10/1980	169	6176		ERTEC 80/NVSEO
42	19N/50E-16BCC	BARTINE RANCH		315		6100	9/1980	F	> 6100	FLOWING WELL	ERTEC 80/NVSEO
43	19N/50E-17ADD					6100	9/1980	F	> 6100	FLOWING WELL	ERTEC 80/NVSEO
44	19N/50E-24AA	U.S.AIR FORCE	1980	201	2	6085	3/1981	34	6051	OBSERVATION WELL	ERTEC
45	19N/50E-30DB	EUREKA RANCH	1967		8	6280	9/1980	126	6154		ERTEC 80/NVSEO
46	18N/48E- 7ACB	GRIMES RANCH			6	6370	10/1980	153	6217		ERTEC 80/NVSEO
47	18N/48E-23BA				6	6920	10/1980	60	6860		ERTEC 80/NVSEO

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
	WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
48	18N/50E- 5DA	U.S.AIR FORCE	1980	201	2	6320	5/1981	121	6199	OBSERVATION WELL	ERTEC

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	10N/65E-13CB	WITTS	1966	130	10	6217	11/1966	110	6107		NV STATE ENG 79
2	10N/65E-36D	GEYSER RCH.		165	10	5970	7/1963	26	5944	CAVE IN @ 28'	RUSH ET AL 63
3	10N/65E-36DA	GEYSER RCH.	1965	843	14	5940	10/1965	10	5930		NV STATE ENG 79
4	10N/66E- 9A	BLM,HECKERTHORN		228	6	6050	7/1963	178	5872		RUSH ET AL 63
5	10N/66E-17A	BLM,TWISSELMAN		125	6	6010	7/1963	99	5911		RUSH ET AL 63
6	10N/66E-20CA	U.S.AIR FORCE	1980	160	2	5990				DESTROYED	ERTEC 80
7	10N/66E-31A			46	6	5935	7/1963	33	5902		RUSH ET AL 63
8	10N/66E-31AB	WITTS	1967	690	12	5940	5/1967	18	5922		NV STATE ENG 79
9	10N/66E-31BB	GEYSER RCH.	1966	468	14	5970	5/1966	60	5910		NV STATE ENG 79
10	10N/66E-34BB	WITTS	1966	155	8	6030	11/1966	110	5920		NV STATE ENG 79
11	10N/66E-34CD	U.S.AIR FORCE	1979	101	2	5960	3/1981	--		DRY OBS.WELL	ERTEC
12	10N/66E-34DC	U.S.AIR FORCE	1980	200	2	6100	3/1981	--		DRY OBS.WELL	ERTEC
13	9N/65E- 1A1	GEYSER RCH.		165	10	5940	7/1963	38	5902	CAVE IN @ 40'	RUSH ET AL 63
14	9N/65E- 1A2	GEYSER RCH.		128	6	5940	7/1963	38	5902	UNUSED	RUSH ET AL 63
15	9N/65E- 1BA	WITTS	1967	597	14	5990	1/1967	25	5965		NV STATE ENG 79
16	9N/65E- 1BD2	GEYSER RANCH	1961	55	6	5980	/1961	35	5945		NV STATE ENG 79
17	9N/65E-13B	NV HWY. DEPT.	1962	57	6	5980	7/1963	16	5964		RUSH ET AL 63
18	9N/65E-13BA	TWISSELMAN	1950	65	6	5950	6/1950	F	> 5950	FLOWING 12GPM	NV STATE ENG 79
19	9N/65E-13BD	TWISSELMAN	1950	52	10	5950	6/1950	F	> 5950	FLOWING 65PGM	NV STATE ENG 79
20	9N/65E-13CC	WITTS	1967	330	14	5940	6/1967	F	> 5940	FLOWING 100GPM	NV STATE ENG 79
21	9N/65E-23BD		1967	297	10	6060	7/1967	185	5875		NV STATE ENG 79
22	9N/65E-25CB	WITTS	1967	635	16	5940	8/1967	8	5932		NV STATE ENG 79
23	9N/65E-26AA2	GEYSER RCH.	1972	100	5	5960	9/1972	10	5950		NV STATE ENG 79
24	9N/65E-35AC	WITTS	1965	580	14	5960	6/1965	42	5918		NV STATE ENG 79
25	9N/66E- 4A	BLM		53	6	5930	7/1963	37	5893		RUSH ET AL 63
26	9N/66E-23BD	GEYSER RCH.	1967	297	10	6100	7/1967	185	5915		NV STATE ENG 79
27	9N/66E-34A	BLM		103	6	6000	7/1963	88	5912		RUSH ET AL 63
28	8N/65E- 2AC	MENDENHALL	1960	150	10	5950	5/1960	35	5915		NV STATE ENG 79
29	8N/65E- 2D			130	10	5950	7/1963	35	5915	UNUSED	RUSH ET AL 63
30	8N/65E-10CC	GEYSER RCH.	1965	383	8	6185	7/1965	230	5955		NV STATE ENG 79
31	8N/65E-12D	BLM		45	4	5918	7/1963	24	5894		RUSH ET AL 63
32	8N/65E-13	NEV. HWY. DEPT.	1957	57	8	5920	8/1957	6	5914		NV STATE ENG 79
33	8N/65E-33D	BLM, MILK RCH.	1945	325	6	6220	8/1963	297	5923		RUSH ET AL 63
34	8N/65E-33DA	WITTS	1965	390	10	6200	12/1965	120	6080		NV STATE ENG 79
35	8N/65E-35AD	GEYSER RCH.	1968	200	10	5950	1/1968	55	5895		NV STATE ENG 79
36	8N/66E-10BC	GEYSER RCH.	1968	217	8	5961	6/1968	74	5887		NV STATE ENG 79
37	8N/66E-11AD	U.S.AIR FORCE	1980	200	2	6110	3/1981	--		DRY OBS.WELL	ERTEC
38	8N/66E-11BC	U.S.AIR FORCE	1979	101	2	6040	3/1981	--		DRY OBS.WELL	ERTEC
39	8N/66E-27B	BLM		56	5	5925	7/1963	45	5883		RUSH ET AL 63
40	8N/66E-36CB	U.S.AIR FORCE	1979	101	2	5935	11/1979	65	5870	OBSERVATION WELL	ERTEC 80
41	7N/65E- 9 1	GEYSER RCH.	1966	220	10	6220	1/1967	147	6073		NV STATE ENG 79
42	7N/65E- 9 2	GEYSER RCH.	1969	410	10	6220	6/1969	312	5908		NV STATE ENG 79
43	7N/65E-11CC	GEYSER RCH.	1967	220	10	6056	6/1967	147	5909		NV STATE ENG 79
44	7N/65E-14D	GEN. CONST.	1959	300	10	5980	7/1959	40	5940		NV STATE ENG 79
45	7N/65E-17D	BLM		229	6	6360	8/1963	212	6149		RUSH ET AL 63
46	7N/65E-17DA	WITTS	1966	264	8	6316	6/1966	200	6116		NV STATE ENG 79
47	7N/65E-23A	GEYSER RCH.	1967	276	8	5938	12/1967	75	5863		NV STATE ENG 79

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
48	7N/65E-23D	BLM		30	6	6020	8/1963	26	5994		RUSH ET AL 63
49	7N/65E-35		1968	250	10	6320	1/1968	90	6230		NV STATE ENG 79
50	7N/66E- 6C	BLM	1962	71	6	5921	8/1963	28	5893		RUSH ET AL 63
51	7N/66E-16DC	U.S.AIR FORCE	1979	101	2	5920	3/1981	17	5903	OBSERVATION WELL	ERTEC
52	7N/66E-33DB	GEYSER RCH.	1968	232	10	5932	7/1968	59	5873		NV STATE ENG 79
53	7N/66E-36C	BLM		126	6	5980	7/1963	109	5871		RUSH ET AL 63
54	7N/67E- 6BB	F & M LAND CO.	1955	872	10	6090	2/1955	16	6074	PLUGGED	RUSH ET AL 63
55	7N/67E-20C			180	6	6040	7/1963	168	5872		RUSH ET AL 63
56	7N/67E-21A	BLM		307	6	6160	7/1963	292	5868		RUSH ET AL 63
57	7N/67E-27CA	JORDAN	1965	505	12	6254	10/1965	192	6062		NV STATE ENG 79
58	6N/65E-14DA		1967	152	8	6153	3/1967	100	6053		NV STATE ENG 79
59	6N/65E-25AA	U.S.AIR FORCE	1980	200	2	6060	3/1981	--		DRY OBS.WELL	ERTEC
60	6N/66E- 8BA	BLM	1945	95	6	5931	8/1963	52	5879		RUSH ET AL 63
61	6N/66E-10BD	WISEMAN	1976	500	18	5935	8/1976	86	5849		NV STATE ENG 79
62	6N/66E-19B	BLM		233	8	5955	8/1963	96	5859		RUSH ET AL 63
63	6N/66E-19CB	GEN. CONST.	1959	240	8	5990	6/1959	90	5900		NV STATE ENG 79
64	6N/66E-22BA	SUNDGREN	1942	410	24	5960	6/1962	101	5859		RUSH ET AL 63
65	6N/66E-22BD	GARWOOD	1962	450	14	5955	6/1962	103	5852		RUSH ET AL 63
66	6N/66E-27BA	GEYSER RCH.	1972	180	5	5955	8/1972	120	5835		NV STATE ENG 79
67	6N/66E-27BD	WRIGHT	1964	541	14	5955	11/1964	102	5853		NV STATE ENG 79
68	6N/66E-27DD	GARWOOD	1967	476	14	5965	1/1967	109	5856		NV STATE ENG 79
69	6N/66E-29BB	LARSON	1967	450	14	5963	3/1967	116	5847		NV STATE ENG 79
70	6N/66E-29BD	LARSON	1966	421	14	5960	1/1966	118	5842		NV STATE ENG 79
71	6N/66E-30AA	GEYSER RCH.	1971	242	12	5965	11/1971	135	5830		NV STATE ENG 79
72	6N/66E-30AB	LARSON	1964	420	14	5980	12/1964	126	5854		NV STATE ENG 79
73	6N/66E-30BC	GEYSER RCH.	1969	320		6030	8/1969	205	5825		NV STATE ENG 79
74	6N/66E-32BC	FRY	1959	175	8	6032	4/1959	145	5887		NV STATE ENG 79
75	6N/66E-34DA	SUNDGREN	1966	500	14	5970	1/1966	107	5863		NV STATE ENG 79
76	6N/66E-35D	BLM		161	8	5990	7/1963	130	5860		RUSH ET AL 63
77	6N/67E- 5B		1966	324	12	6040	1/1966	194	5846		NV STATE ENG 79
78	6N/67E-18C1	BLM	1954	275	6	6080	7/1963	208	5872		RUSH ET AL 63
79	6N/68E- 9C	ATLANTA CO.		385	12	7186	6/1955	22	7164		NV STATE ENG 79
80	5N/66E- 3AD	GERLACH	1966	500	14	5962	1/1966	107	5855		NV STATE ENG 79
81	5N/66E-14AC	BLM	1955	225	6	5985	6/1955	145	5840		NV STATE ENG 79
82	5N/66E-14BD	BLM	1955	146	6	5980	7/1963	138	5842		RUSH ET AL 63
83	5N/66E-35	DODGE CONST. CO.	1953	300	6	5940	3/1953	200	5740		NV STATE ENG 79
84	5N/67E-35BC1	WMS. & SONS	1966	25	12	6800	12/1966	3	6797		NV STATE ENG 79
85	5N/67E-35BC2	WMS. & SONS	1966	30	12	6800	12/1966	7	6793		NV STATE ENG 79
86	5N/68E- 6C	COTTINO		35		6640	9/1963	34	6606		RUSH ET AL 63
87	4N/66E- 2A	BLM	1937	301	6	5900	3/1953	195	5705		RUSH 64
88	4N/66E- 2CC	BLM	1937	260	7	5960	10/1937	230	5730		NV STATE ENG 79
89	4N/66E-14D	BLM	1958	303	6	5860	7/1958	165	5695		NV STATE ENG 79
90	4N/66E-35AC			144	6	5775	7/1963	123	5652		RUSH 64
91	3N/66E- 2DD	BLM	1937	140	7	5730	11/1937	90	5640		NV STATE ENG 79
92	3N/66E- 3AC	WELLS CARGO INC.	1953	303	3	5900	10/1953	210	5690		NV STATE ENG 79
93	3N/66E-23D		1937	87	6	5676	10/1963	42	5634		RUSH 64
94	3N/67E- 4BC	BLM	1958	382	6	6000	1/1958	340	5660		RUSH 64

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WELL DESCRIPTION							WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)		
95	3N/67E- 5AD	BLM	1966	382		5975	12/1966	352	5623		NV STATE ENG 79
96	3N/67E-19BA	U.S.AIR FORCE	1980	200	2	5775	3/1981	147	5628	OBSERVATION WELL	ERTEC
97	2N/66E-13CA	U.S.AIR FORCE	1980	200	2	5920	3/1981	--		DRY OBS.WELL	ERTEC
98	2N/67E-14AA	U.S.AIR FORCE	1979	100	2	5720	3/1981	--		DRY OBS.WELL	ERTEC
99	2N/67E-16C	HOLLINGER	1948	52	6	5600	/1948	22	5578		NV STATE ENG 79
100	2N/67E-16D1		1963	48	6	5574	10/1963	--		DRY	RUSH 64
101	2N/67E-18BC	U.S.AIR FORCE	1979	100	2	5800	3/1981	--		DRY OBS.WELL	ERTEC
102	2N/67E-24BA	BINGHAM	1972	190	14	5700	7/1972	--		DRY	NV STATE ENG 79
103	2N/67E-27A	KANVIE	1976	89		5535	7/1976	38	5497		NV STATE ENG 79
104	2N/67E-27AA	TIEMLE	1971	500	10	5533	1/1971	24	5509		NV STATE ENG 79
105	2N/67E-35CB	U.S.AIR FORCE	1980	150	2	5510	3/1981	56	5454	OBSERVATION WELL	ERTEC
106	2N/68E- 7BD	U.S.AIR FORCE	1980	203	2	5890	3/1981	--		DRY OBS.WELL	ERTEC
107	2N/68E-27AD	BLM	1937	40	8	5980	12/1937	16	5964		RUSH 64
108	1N/67E- 8BB	U.S.AIR FORCE	1980	200	2	5920	3/1981	--		DRY OBS.WELL	ERTEC
109	1N/67E-15A	PIOCHE MINES	1938	563		5760	1/1938	368	5392		RUSH 64

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	17N/53E-29BCD	BARTHOLOMAE				6192	3/1980	156	6036		ERTEC 80/NVSEO
2	17N/54E- 8BD	BLM	1966	322	6	6200	9/1966	293	5907		NV STATE ENG 79
3	17N/54E-21AB	HULL	1965	210	16	6005	7/1977	90	5915		MARION 80
4	17N/54E-21BB	TODD	1965	285	16	6020	5/1976	95	5925		MARION 80
5	17N/54E-21CB	TODD	1977	260	16	5990	3/1977	74	5916		MARION 80
6	17N/54E-21DB	HULL	1970	252	16	5985	7/1977	65	5920		MARION 80
7	17N/54E-22ABA					5980	3/1980	54	5926		ERTEC 80/NVSEO
8	17N/54E-29CAB	BARTHOLOMAE	1960	61	48	5987	3/1980	53	5934		ERTEC 80/NVSEO
9	17N/54E-31BD	U.S.AIR FORCE	1980	160	2	6078	3/1981	91	5987	OBSERVATION WELL	ERTEC
10	16N/53E-10DCB	BARTHOLOMAE		539	12	6034	3/1980	6	6028		ERTEC 80/NVSEO
11	16N/53E-30BDB	BARTHOLOMAE	1942	186	8	6119	3/1980	78	6041		ERTEC 80/NVSEO
12	16N/53E-32CC	U.S.AIR FORCE	1980	170	2	6177	3/1981	136	6041	OBSERVATION WELL	ERTEC
13	16N/54E-15BAC			85	48	6017	3/1980	--		DRY WELL	ERTEC 80/NVSEO
14	16N/54E-20BAC	BARTHOLOMAE	1956	125	6	6023	/1956	77	5946		RUSH ET AL 66
15	15N/52E-13BAD	BARTHOLOMAE	1942	376	8	6400	3/1980	346	6054		ERTEC 80/NVSEO
16	15N/52E-35CDA			500		6435	/1963	400	6035		RUSH ET AL 66
17	15N/53E-23ACD	BARTHOLOMAE		350		6140	/1965	186	5954		RUSH ET AL 66
18	15N/53E-28ABC	BARTHOLOMAE	1956	242	8	6180	/1956	220	5960		RUSH ET AL 66
19	15N/53E-32DBD	KINCAID	1953	242	12	6231	3/1980	221	6010		ERTEC 80/NVSEO
20	15N/54E- 6DCB	FISH CREEK RANCH		164	48	6100	3/1980	161	5939		ERTEC 80/NVSEO
21	15N/54E-11ADD			45		6360	3/1980	10	6350		ERTEC 80/NVSEO
22	15N/54E-18BD	U.S.AIR FORCE	1980	160	2	6160	1/1981	--		DRY OBS.WELL	ERTEC
23	14N/51E-24CAA					6995	3/1980	10	6985		ERTEC 80/NVSEO
24	11N/53E- 6CDB			900		6535	3/1980	500	6035		ERTEC 80/NVSEO

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WELL AND WATER LEVEL DATA
LITTLE SMOKY VALLEY, NEVADA

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TABLE C1-17

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	24N/59E- 1DC	U.S.AIR FORCE	1980	150	2	6290	3/1981	103	6187	OBSERVATION WELL	ERTEC
2	23N/57E-24A	BLM		270	6	6640	11/1980	234	6405		ERTEC 80/NVSEO
3	23N/58E-27A	U.S.AIR FORCE	1980	150	2	6200	3/1981	107	6093	OBSERVATION WELL	ERTEC
4	23N/58E-34AD				6	6125	11/1980	58	6066		ERTEC 80/NVSEO
5	23N/59E- 6C	U.S.AIR FORCE	1980	150	2	6225	3/1981	72	6153	OBSERVATION WELL	ERTEC
6	23N/59E-16C	U.S.AIR FORCE	1980	150	2	6225	3/1981	62	6163	OBSERVATION WELL	ERTEC
7	22N/57E-35A	ARSELCO				6475	/1979	700	5775		ARSELCO MINE CO 80
8	22N/58E-21AD	GOICOECHEA		125	4	6090	11/1980	40	6049		ERTEC 80/NVSEO
9	22N/58E-34D	U.S.AIR FORCE	1980	150	2	6090	3/1981	50	6040	OBSERVATION WELL	ERTEC
10	22N/59E-10BD	ELIA		123	6	6160	11/1980	23	6136		ERTEC 80/NVSEO
11	22N/59E-28B	ELIA		71	6	6125	11/1980	64	6060		ERTEC 80/NVSEO
12	21N/58E- 7C	GOICOECHEA		13		6290	10/1957	11	6279		EAKIN 61
13	21N/58E-10D	ETCHEGARY		120	6	6070	11/1980	48	6022		ERTEC 80/NVSEO
14	21N/58E-21A	U.S.AIR FORCE	1980	150	2	6075	3/1981	57	6018	OBSERVATION WELL	ERTEC
15	21N/58E-32C1	ETCHEGARY			8	6090	11/1980	73	6016		ERTEC 80/NVSEO
16	21N/58E-32C2	ETCHEGARY		105		6090		86	6004		EAKIN 61
17	21N/58E-35BA	ELIA		79	6	6060	11/1980	68	5991		ERTEC 80/NVSEO
18	21N/59E-18DA	ELIA			6	6100	11/1980	89	6010		ERTEC 80/NVSEO
19	21N/59E-31D	ELIA		201	6	6225	11/1980	170	6055		EAKIN 61
20	20N/58E- 8C1	GOICOECHEA		116		6100	1/1948	91	6008	DUG WELL	EAKIN 61
21	20N/58E- 8C2	BLM	1952	170	6	6100	10/1957	90	6009		EAKIN 61
22	20N/58E- 8C3	BLM	1953	225	8	6100	2/1961	90	6009		EAKIN 61
23	20N/58E-14A	GOICOECHEA		135	8	6090	11/1980	116	5973		ERTEC 80/NVSEO
24	20N/58E-20D	BLM	1964	233	6	6175	11/1980	166	6009		ERTEC 80/NVSEO
25	20N/59E-29CB	BLM	1964	323	6	6250	1/1964	270	5980		NV STATE ENG 79
26	19N/58E- 3AD	BLM	1964	344	8	6300	4/1964	262	6038		NV STATE ENG 79

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WELL AND WATER LEVEL DATA
LONG VALLEY, NEVADA

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TABLE C1-18

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	18N/47E- 3C	DANELE		115	6	6299	3/1948	81	6218		RUSH ET AL 64
2	18N/47E-20A				6	6317	10/1980	90	6227		ERTEC 80/NVSEO
3	17N/47E- 8A				6	6380	10/1980	77	6303		ERTEC 80/NVSEO
4	16N/47E- 4D				6	6450	10/1980	60	6390		ERTEC 80/NVSEO
5	16N/47E-35ABA	AIRPORT			6	6515	10/1980	98	6417		ERTEC 80/NVSEO
6	16N/48E- 8BA					6850		108	6742		NV STATE ENG 79
7	15N/47E- 8ADA	MONITOR RANCH		210		6720	4/1964	170	6550		ROBINSON ET AL 67
8	15N/48E-30CAD	MONITOR RANCH	1959	350	12	6692	/1959	10	6682		ROBINSON ET AL 67
9	13N/47E-23CC					7000	9/1968	12	6988		NV STATE ENG 79
10	13N/47E-29C	PINE CREEK RANCH			8	6790	10/1980	3	6787		ERTEC 80/NVSEO
11	12N/47E- 7AA				6	6788	10/1980	5	6783		ERTEC 80/NVSEO
12	12N/47E-19BB	PINE CREEK RANCH				6798	10/1980	4	6794		ERTEC 80/NVSEO
13	11N/46E- 4AC				5	6840	10/1980	21	6819		ERTEC 80/NVSEO
14	11N/46E-15AAA	PINE CREEK RANCH			6	6839	10/1980	6	6833		ERTEC 80/NVSEO
15	10N/46E-12A	PINE CREEK RANCH	1947	93	12	6888	10/1980	4	6884		ERTEC 80/NVSEO
16	10N/46E-12D2	WARDLAW	1947	94	12	6892	10/1980	10	6882		ERTEC 80/NVSEO
17	9N/47E-16BA	BARLEY CK.RNCH.			12	7220	10/1980	16	7204		ERTEC 80/NVSEO

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WELL AND WATER LEVEL DATA
MONITOR VALLEY, NEVADA

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TABLE C1-19

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	5N/66E-11CDC			222	5	5680	6/1981	--		DRY	ERTEC /NVSEO
2	5N/65E-34DC	WILLIAMS	1972	28	14	6600	5/1972	10	6590		NV STATE ENG 79
3	4N/64E- 7DC1	U.S.AIR FORCE	1981	1253	2	5540	9/1981	264	5276	OBSERVATION WELL	ERTEC
4	4N/64E- 7DC2	U.S.AIR FORCE	1981	1215	10	5540	9/1981	268	5272	TEST WELL	ERTEC

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WELL AND WATER LEVEL DATA
MULESHOE VALLEY, NEVADA

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TABLE C1-20

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	23N/55E- 3CC	BLM	1966	350	6	7000	9/1966	330	6670		NV STATE ENG 79
2	23N/55E-24BC				16	5890	11/1980	7	5883		ERTEC 80/NVSEO
3	23N/56E-36D	WARM SPRS. RANCH			6	5880	11/1980	F	> 5880	FLOWING	ERTEC 80/NVSEO
4	23N/56E-36DD	WARM SPRS. RANCH	1951	300	8	5880	11/1980	F	> 5880	FLOW. <16PM	ERTEC 80/NVSEO
5	22N/55E-27BD				36	5880	11/1980	9	5871		ERTEC 80/NVSEO
6	22N/55E-34C			10		5870	8/1960	9	5861		EAKIN 60
7	22N/56E-10CAA	U.S.AIR FORCE	1981	150	2	5880	3/1981	25	5855	OBSERVATION WELL	ERTEC
8	21N/55E- 3D1	HOOPER		9	4	5850	11/1980	5	5845		ERTEC 80/NVSEO
9	21N/55E-10CCB	HOOPER		26	5	5930	11/1980	19	5911		ERTEC 80/NVSEO
10	21N/55E-22C1	BLM		18	42	5880	4/1948	8	5872		EAKIN 60
11	20N/55E-10D1	BLM		22	36	5871	12/1959	9	5862		EAKIN 60
12	20N/55E-34DA					5875	11/1980	16	5859		ERTEC 80/NVSEO
13	20N/55E-34DC				6	5900	11/1980	24	5876		ERTEC 80/NVSEO
14	20N/57E-20D				6	6075	11/1980	92	5983		ERTEC 80/NVSEO
15	20N/57E-28CBB	U.S.AIR FORCE	1981	150	2	6080	3/1981	100	5980	OBSERVATION WELL	ERTEC
16	19N/55E-15BBB				16	5880	11/1980	40	5840		ERTEC 80/NVSEO
17	19N/55E-16AD				6	5879	11/1980	29	5850		ERTEC 80/NVSEO
18	19N/55E-22AC	HARPER	1955	235	16	5880	7/1955	14	5866		NV STATE ENG 79
19	19N/55E-22BAA				16	5878	11/1980	14	5864		ERTEC 80/NVSEO
20	19N/55E-22BC	HARPER	1965	204	16	5881	12/1965	21	5860		NV STATE ENG 79
21	19N/55E-22CBB				16	5869	11/1980	48	5821		ERTEC 80/NVSEO
22	19N/55E-22CBC				6	5867	11/1980	7	5860		ERTEC 80/NVSEO
23	19N/55E-27B	BOATWRIGHT	1966	160	16	5900	2/1966	25	5875		NV STATE ENG 79
24	19N/55E-29CC	BOATWRIGHT	1966	250	16	6200	8/1966	22	6178		NV STATE ENG 79
25	19N/55E-34AB		1972			5895	2/1972	43	5852		NV STATE ENG 79
26	19N/55E-34BC1	CAFFGA	1965	163	16	5910	10/1965	41	5869		NV STATE ENG 79
27	19N/55E-34BC2	CAFFGA	1966	254	16	5910	12/1966	60	5850		NV STATE ENG 79
28	19N/56E-25DAB	U.S.AIR FORCE	1981	200	2	6040	3/1981	148	5892	OBSERVATION WELL	ERTEC
29	19N/56E-30AC				6	5895	11/1980	34	5861		ERTEC 80/NVSEO
30	19N/56E-30D1	BLM		35	48	5895	4/1948	33	5862		NV STATE ENG 79
31	19N/57E- 5AC				8	6020	11/1980	28	5992		ERTEC 80/NVSEO
32	19N/57E-11B				10	6450	11/1980	244	6206		ERTEC 80/NVSEO
33	19N/57E-19BC			112	8	5993	11/1980	108	5885		ERTEC 80/NVSEO
34	18N/55E- 8DB	INDUST.CONST. CO	1962	147	10	6015	11/1980	107	5908		ERTEC 80/NVSEO
35	18N/55E- 9BBC				16	5962	11/1980	63	5899		ERTEC 80/NVSEO
36	18N/55E- 9BCC		1979	250	16	5960	11/1980	62	5898		ERTEC 80/NVSEO
37	18N/55E- 9CB	BOATWRIGHT	1964	204	17	5940	5/1964	55	5885		NV STATE ENG 79
38	18N/55E-11D	BOATWRIGHT	1964	240	14	5940	4/1964	45	5895		NV STATE ENG 79
39	18N/55E-14CD	BOATWRIGHT	1966	100	16	5960	11/1980	64	5896		ERTEC 80/NVSEO
40	18N/55E-16BBB	U.S.AIR FORCE	1981	150	2	5937	3/1981	41	5896	OBSERVATION WELL	ERTEC
41	18N/55E-17DC	CAFFGA	1965	163	16	5955	11/1965	66	5889		NV STATE ENG 79
42	18N/55E-19BDD					6100	11/1980	163	5937		ERTEC 80/NVSEO
43	18N/55E-21DAB				3	5942	11/1980	45	5897		ERTEC 80/NVSEO
44	18N/55E-21DAD				3	5942	11/1980	45	5897		ERTEC 80/NVSEO
45	18N/55E-21DD	CHAPMAN	1966	250	16	5965	12/1966	47	5898		NV STATE ENG 79
46	18N/55E-23BBB				6	5921	11/1980	57	5864		ERTEC 80/NVSEO
47	18N/55E-31CAB	U.S.GOVERNMENT		43	36	5945	11/1980	37	5908		ERTEC 80/NVSEO
48	18N/56E- 2BA				6	6035	11/1980	142	5893		ERTEC 80/NVSEO
49	18N/56E-21D			41		6600	5/1957	25	6575		NV STATE ENG 79
50	18N/56E-33A			20		6560	8/1957	8	6552		NV STATE ENG 79
51	19N/57E-15B			16		6480	8/1957	10	6470		NV STATE ENG 79
52	17N/54E- 2D	NV HWY. DEPT.		75	8	5980	3/1980	43	5937		ERTEC 80/NVSEO
53	17N/54E- 2DD	BARTHOLOMAE	1961	76		5960	3/1980	42	5918		ERTEC 80/NVSEO
54	17N/55E- 4BC				6	5960	11/1980	60	5900		ERTEC 80/NVSEO
55	17N/55E- 6B	YRASABA		70	6	5945	11/1980	39	5906		ERTEC 80/NVSEO
56	17N/55E- 9CCC	U.S.AIR FORCE	1981	150	2	6040	3/1981	130	5910	OBSERVATION WELL	ERTEC
57	17N/55E-18AB	ADDLEMAN	1980	227	16	5980	9/1980	74	5906		ERTEC 80/NVSEO
58	17N/55E-18ACC	BROKEN CINCH RAN				5978	3/1980	77	5901	PUMP TEST	ERTEC 80/NVSEO
59	17N/55E-18AD	ADDLEMAN	1971	305	16	6000	3/1980	102	5898		ERTEC 80/NVSEO
60	17N/55E-18BDD	ADDLEMAN	1966	209	16	5980	3/1980	77	5903		ERTEC 80/NVSEO
61	17N/55E-18DD	ADDLEMAN	1967	195	16	6020	3/1980	119	5901		ERTEC 80/NVSEO
62	17N/55E-27D			40	4	6331	3/1980	37	6294		ERTEC 80/NVSEO
63	17N/57E-32DE				3	6650	11/1980	480	6170		ERTEC 80/NVSEO
64	17N/57E-36DC				6	7280	11/1980	21	7259		ERTEC 80/NVSEO

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WELL AND WATER LEVEL DATA
NEWARK VALLEY, NEVADA

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TABLE C1-21

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS NO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	3S/61E-34BB				12	4713	6/1980			W.L.>500'	ERTEC 80/NVSEO
2	4S/61E- 1AA				8	4520	6/1980	500	4020	WATER DPTH EST.	ERTEC 80/NVSEO
3	4S/61E- 9AC	SEVENTY CORP.	1965	300		4460	10/1965	--		DRY/UNCASED	NV STATE ENG 79
4	4S/61E-15DB				6	4375	2/1977	670	3705	SEALED @ 50'	USGS 79
5	4S/61E-22CA	STEWART	1963	310		4300	12/1963	--		DRY/UNCASED	NV STATE ENG 79
6	4S/61E-23AD	STEWART	1963	160		4470	12/1963	--		DRY/UNCASED	NV STATE ENG 79
7	4S/61E-28CAC	NAGEL	1968	1314	18	4230	9/1968	595	3635		NV STATE ENG 79
8	4S/62E- 7DD			104	4	4640	6/1980	--		DRY	ERTEC 80/NVSEO
9	4S/62E- 9DD2	SEVENTY CORP.	1965	410		4900	10/1965	--		DRY/UNCASED	NV STATE ENG 79
10	4S/62E- 9DD3	SEVENTY CORP.	1965	240		4920	10/1965	--		DRY/UNCASED	NV STATE ENG 79
11	5S/61E- 9BD	CHAMBERLAIN	1967	25	10	4410	6/1980	--		DRY	ERTEC 80/NVSEO
12	5S/61E-16CB	SCHWARTZ	1967	30	10	4425	6/1980	--		DRY	ERTEC 80/NVSEO

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WELL AND WATER LEVEL DATA
PAHROC VALLEY, NEVADA

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TABLE C1-22

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	1S/55E-18D9	U.S.AIR FORCE	1979	188	2	5250	12/1980	--		DRY OBS.WELL	ERTEC 80
2	1S/55E-22ABD					5050	6/1980	288	4762		ERTEC 80/NVSEO
3	1S/56E-28BD	U.S.AIR FORCE	1979	192	2	5401	12/1980	--		DRY OBS.WELL	ERTEC 80
4	2S/55E-10CC	U.S.AIR FORCE	1980	200	2	4900	3/1981	170	4730	OBSERVATION WELL	ERTEC
5	2S/55E-20ABB					4956	6/1980	250	4706		ERTEC 80/NVSEO
6	2S/55E-24CD	U.S.AIR FORCE	1979	160	2	4785	3/1981	54	4731	OBSERVATION WELL	ERTEC
7	2S/56E- 5CA	U.S.AIR FORCE	1980	200	2	4750	3/1981	124	4626	OBSERVATION WELL	ERTEC
8	2S/56E-10AB				6	4730	6/1980	96	4634		ERTEC 80/NVSEO
9	2S/56E-32AD	U.S.AIR FORCE	1979	200	2	4860	3/1981	129	4731	OBSERVATION WELL	ERTEC

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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WELL AND WATER LEVEL DATA PENOYER VALLEY, NEVADA

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TABLE C1-23

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-25-16)18BDD	DEARDEN	1924	340	8	5085	/1955	300	4785		STEPHENS 76
2	(C-26-16)19BBD	WOODS	1928	394	4	5205	11/1979	340	4864		ERTEC 79/UTSEO
3	(C-26-17)10AA1	U.S.AIR FORCE	1980	1157	2	5220	6/1981	434	4786	OBSERVATION WELL	ERTEC
4	(C-26-17)10AA2	U.S.AIR FORCE	1980	951	10	5220	6/1981	437	4783	TEST WELL	ERTEC
5	(C-26-17)17DAC	ANDERSON	1944	801	6	5355	/1955	717	4638		STEPHENS 76
6	(C-28-16)29CBB	PUFFER	1972	140	6	6245	12/1972	50	6195		UTAH STATE ENG 79
7	(C-28-17) 1CAA	PHELPS DODGE COR	1979	510	12	5500	12/1979	--		DRY WELL	UTAH STATE ENG 79
8	(C-28-17)11CCA	PHELPS DODGE COR	1978	1305	12	5680	6/1978	365	5315		UTAH STATE ENG 79
9	(C-28-17)22DDA	PHELPS DODGE COR	1978	2006	8	5780	8/1978	375	5405		UTAH STATE ENG 79
10	(C-30-17)27AAA	BLM	1936	648		6550	/1936	--		DRY WELL	STEPHENS 76

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WELL AND WATER LEVEL DATA
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TABLE C1-24

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	16N/57E-20DA	SHELL OIL CO.	1956	350	6	7500	9/1967	215	7285		VAN DENBURGH ETAL 74
2	15N/55E-21	BUR. INDIAN AFF.	1951	271		6300	9/1957	--		DRY WELL	VAN DENBURGH ETAL 74
3	15N/56E-25B9	U.S.AIR FORCE	1980	200	2	5950	3/1981	127	5823	OBSERVATION WELL	ERTEC
4	15N/57E-17DCD	BLM	1944	221	6	6088	10/1971	208	5880		VAN DENBURGH ETAL 74
5	15N/57E-32BA	MARTIN	1969	280	16	6040	6/1969	171	5869		VAN DENBURGH ETAL 74
6	14N/55E-12BDB	BLM	1956	400	6	5930	9/1957	--		DRY WELL	VAN DENBURGH ETAL 74
7	14N/56E-19BCB			226	6	5820	6/1972	205	5615		VAN DENBURGH ETAL 74
8	13N/55.5E-16BA	U.S.AIR FORCE	1980	199	2	5630	3/1981	122	5508	OBSERVATION WELL	ERTEC
9	13N/56E-19DCB			85	6	5575		81	5494		VAN DENBURGH ETAL 74
10	13N/56E-29CBA		1971	103	6	5600	10/1971	27	5573		VAN DENBURGH ETAL 74
11	12N/55.5E-19BA	BLM	1958	289	6	5672	10/1971	206	5466		VAN DENBURGH ETAL 74
12	12N/56E-34CBA	COPPER SHEEP CO.	1959	202	14	5200	10/1959	7	5193		VAN DENBURGH ETAL 74
13	12N/57E- 9DCB	BLM	1943	356	6	5500	10/1971	272	5228		VAN DENBURGH ETAL 74
14	11N/55E-21	HALSTEAD		17		6680	11/1956	10	6670		VAN DENBURGH ETAL 74
15	11N/56E- 2ADC	HALSTEAD	1959	250	14	5095	10/1971	39	5056		VAN DENBURGH ETAL 74
16	11N/57E- 9CD	BLM	1942	354	6	5072	4/1972	172	4900	STOCK	VAN DENBURGH ETAL 74
17	11N/57E-26BD	U.S.AIR FORCE	1980	199	2	5060	3/1981	--		DRY OBS. WELL	ERTEC
18	10N/56E- 3AA	U.S.AIR FORCE	1980	200	2	5180	3/1981	--		DRY OBS. WELL	ERTEC
19	10N/56E-34CC	U.S.AIR FORCE	1980	199	2	4990	3/1981	153	4837	OBSERVATION WELL	ERTEC
20	10N/57E-12DDA	MCLARTY	1966	401	16	5050	10/1971	178	4872		VAN DENBURGH ETAL 74
21	10N/57E-13CBA	BAILEY	1967	370	16	4990	9/1967	160	4830		VAN DENBURGH ETAL 74
22	10N/57E-14AAA	FARMER	1966	526	16	4990	4/1972	146	4844		VAN DENBURGH ETAL 74
23	10N/57E-15AAA	BALL	1968	200	16	4965	10/1971	83	4862		VAN DENBURGH ETAL 74
24	10N/57E-15ADD	WILSON	1970	251	16	4940	4/1970	80	4860		VAN DENBURGH ETAL 74
25	10N/57E-23			305		4950	8/1969	155	4795		NV STATE ENG 79
26	10N/57E-23AAA	BRIDGES	1966	358	16	4960	10/1971	157	4803		VAN DENBURGH ETAL 74
27	10N/57E-27AAA	WATSON	1969	200	16	4900	10/1971	70	4830		VAN DENBURGH ETAL 74
28	10N/57E-30C	CAMPBELL		15	48	4930	9/1953	12	4818		VAN DENBURGH ETAL 74
29	10N/57E-32BAB	CAMPBELL		348	6	4827	8/1967	F	> 4827	FLOW. 250-350GPM	VAN DENBURGH ETAL 74
30	10N/58E-17BD1	U.S.AIR FORCE	1980	600	10	5126	4/1981	279	4847	TEST WELL	ERTEC
31	10N/58E-17BD2	U.S.AIR FORCE	1980	600	2	5128	4/1981	278	4850	OBERVATION WELL	ERTEC
32	9N/56E-14BDA	SHARP	1964	101	8	4779	10/1971	1	4778		VAN DENBURGH ETAL 74
33	9N/56E-20CD	U.S.AIR FORCE	1980	198	2	4870	3/1981	110	4760	OBSERVATION WELL	ERTEC
34	9N/56E-34CAC	FISH & WLDLF.	1934	700	8	4730	6/1968	F	> 4730	FLOW. 90GPM	VAN DENBURGH ETAL 74
35	9N/56E-35CDA	FISH & WLDLF.	1935	550	6	4732	7/1969	F	> 4732	FLOW. 36GPM	VAN DENBURGH ETAL 74
36	9N/57E- 1ABB	WHITSETT	1954	200	14	4930	10/1971	131	4799		VAN DENBURGH ETAL 74
37	9N/57E- 2BA9	OTIS	1954	92	6	4967	10/1971	70	4797		VAN DENBURGH ETAL 74
38	9N/57E- 6AA			52		4807	11/1956	8	4799		NV STATE ENG 79
39	9N/57E- 6DAB	F.A.A.	1963	141	4	4902	10/1971	10	4792		VAN DENBURGH ETAL 74
40	9N/57E-12AB	DILLARD	1964	220	16	4880	/1965	100	4780		VAN DENBURGH ETAL 74
41	9N/57E-20CAB	SHARP		219	6	4760	10/1971	F	> 4760	FLOW. 0.2GPM	VAN DENBURGH ETAL 74
42	9N/57E-34B3	SHELL OIL CO.	1956	50	6	4750	1/1956	4	4746		VAN DENBURGH ETAL 74
43	9N/57E-35AAC	N. AM. RES. CORP	1955	79	6	4759	4/1972	3	4756		VAN DENBURGH ETAL 74
44	9N/57E-35BAD1	SHELL OIL CO.	1953	60	6	4753	12/1953	15	4738		VAN DENBURGH ETAL 74
45	9N/57E-35BAD2	SHELL OIL CO.	1953	200	6	4753	12/1953	2	4751		VAN DENBURGH ETAL 74
46	9N/57E-35BAD3			220	6	4755	3/1972	F	> 4755	FLOWING WELL	VAN DENBURGH ETAL 74
47	9N/58E-18BCA				6	4838	10/1971	53	4785		VAN DENBURGH ETAL 74

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)		ELEV (FT)	REMARKS	DATA SOURCE
48	8N/56E- 2CBA	FISH & WLDLF.	1934	430	6	4732	2/1980	F	>	4732	FLOW. 90GPM	ERTEC 80/NVSEO
49	8N/56E- 2DAC	FISH & WLDLF.	1912	1204	10	4734	2/1980	F	>	4734	FLOW. 250GPM	ERTEC 80/NVSEO
50	8N/56E- 3ACB	FISH & WLDLF.	1934	550	6	4731	2/1980	F	>	4731	FLOW. 100GPM	ERTEC 80/NVSEO
51	8N/56E-26BAD	USGS	1971	8	4	4709	10/1971	7		4702		VAN DENBURGH ETAL 74
52	8N/57E- 4A	FISH & WLDLF.	1935	635	6	4738	5/1935	F	>	4738	FLOW.WELL/110-125GPM	VAN DENBURGH ETAL 74
53	8N/57E- 7CA	SUTHERLAND	1971	55	8	4727	10/1971	2		4725		VAN DENBURGH ETAL 74
54	8N/57E-14A	HANKS	1951	185	14	4740	8/1951	F	>	4740	FLOW.WELL/600GPM	VAN DENBURGH ETAL 74
55	8N/57E-14D					4760		F	>	4760	FLOWING WELL	NV STATE ENG 79
56	8N/57E-22CDC	SHELL OIL CO.	1955	43	6	4730	10/1971	3		4727		VAN DENBURGH ETAL 74
57	8N/57E-27DDA	HANKS	1951	220	6	4757	7/1951	12		4745		VAN DENBURGH ETAL 74
58	7N/55E- 8CA	U.S.AIR FORCE	1980	201	2	4860	3/1981	93		4767	OBSERVATION WELL	ERTEC
59	7N/55E-28CA	SHELL OIL CO.	1955	46	6	4727	9/1955	F	>	4727	FLOW.WELL/20GPM	VAN DENBURGH ETAL 74
60	7N/56E- 1DD	FISH & WLDLF.	1912	770		4709	2/1934	F	>	4709	FLOW.WELL/1.5GPM	VAN DENBURGH ETAL 74
61	7N/56E- 3CCB1	FISH & WLDLF.	1912	795		4707	/1934	F	>	4707	FLOWING WELL	VAN DENBURGH ETAL 74
62	7N/56E- 3CCB2			29	4	4707	7/1969	5		4702		VAN DENBURGH ETAL 74
63	7N/57E- 5CAA	SHELL OIL CO.	1961	85	6	4711	11/1961	10		4701		VAN DENBURGH ETAL 74
64	7N/57E-11DB	U.S.AIR FORCE	1980	118	2	4940	3/1981	--			DRY OBS. WELL	ERTEC
65	7N/57E-21AA	BLM	1969	150	6	4759	6/1969	1		4758		VAN DENBURGH ETAL 74
66	6N/54E-23BDB	U.S.AIR FORCE	1980	200	2	4760	3/1981	29		4731	OBSERVATION WELL	ERTEC
67	6N/55E- 5ACC	FISH & WLDLF.	1913	745	6	4712	2/1980	F	>	4712	FLOW. 350GPM EST.	ERTEC 80/NVSEO
68	6N/56E-14AB					4730		F	>	4730	FLOWING WELL	NV STATE ENG 79
69	6N/56E-14DCD	SHARP	1962	285	8	4760	5/1962	F	>	4760	FLOW.WELL/100GPM	VAN DENBURGH ETAL 74
70	6N/56E-18DBD	BLM	1950	131	6	4735	10/1971	F	>	4735	FLOWING	VAN DENBURGH ETAL 74
71	6N/56E-27ACB	SHARP	1962	98	8	4768	10/1971	F	>	4768	FLOW.WELL/100GPM	VAN DENBURGH ETAL 74
72	6N/56E-27BDD			100		4760	3/1972	F	>	4760	FLOW.WELL/40-50GPM	NV STATE ENG 79
73	6N/56E-36CA	U.S.AIR FORCE	1980	150	2	5100	9/1980	--			DRY OBS. WELL	ERTEC 80
74	6N/57E- 6DDA	GULF OIL CO.	1967	150	6	4780	11/1967	22		4758		VAN DENBURGH ETAL 74
75	5N/54E-24DCB	CASEY	1951	100	6	4823	10/1971	55		4768		VAN DENBURGH ETAL 74
76	5N/54E-26DC	U.S.AIR FORCE	1980	200	2	4835	3/1981	71		4764	OBSERVATION WELL	ERTEC
77	5N/54E-34DAB	CASEY	1948	110	5	4848	11/1967	82		4766		VAN DENBURGH ETAL 74
78	5N/55E-15CD		1960	70		4783	/1960	19		4764		VAN DENBURGH ETAL 74
79	5N/55E-27CBB	GIBSON	1964	250	18	4794	6/1964	31		4763		VAN DENBURGH ETAL 74
80	5N/55E-27CBC	GIBSON	1965	245	18	4795	5/1965	31		4764		VAN DENBURGH ETAL 74
81	5N/55E-28DBB	COLLINS	1964	219	16	4799	2/1964	38		4761		VAN DENBURGH ETAL 74
82	5N/55E-33BBC	GIBSON	1965	249	18	4805	4/1965	33		4772		VAN DENBURGH ETAL 74
83	5N/55E-33DDD	GIBSON	1965	396	18	4820	8/1965	55		4765		VAN DENBURGH ETAL 74
84	5N/55E-34AEA	SHARP	1951	75	6	4797	10/1971	30		4767		VAN DENBURGH ETAL 74
85	5N/55E-34CDD	GIBSON	1965	398	16	4810	10/1971	67		4743		VAN DENBURGH ETAL 74
86	5N/55E-36DDD	SHARP	1965	395	16	4820	10/1965	69		4751		VAN DENBURGH ETAL 74
87	5N/55E-35BDD	SHARP	1965	320	16	4815	10/1955	55		4760		VAN DENBURGH ETAL 74
88	5N/55E-35CDD	SHARP	1964	320	16	4971	3/1964	76		4795		VAN DENBURGH ETAL 74
89	5N/55E-36DAD1	SHARP	1951	105	8	4887	6/1951	50		4837		VAN DENBURGH ETAL 74
90	5N/55E-36DAD2	SHARP	1965	179	16	4887	10/1971	61		4826		VAN DENBURGH ETAL 74
91	5N/56E-21AB	U.S.AIR FORCE	1980	201	2	4960	3/1981	194		4766	OBSERVATION WELL	ERTEC
92	4N/54E-18DC	CASEY	1948	150	5	4911	11/1967	137		4774		VAN DENBURGH ETAL 74
93	4N/55E-19DA	SHARP	1951	255	6	5000	10/1971	214		4786		VAN DENBURGH ETAL 74
94	4N/55E-24BA	U.S.AIR FORCE	1980	200	2	4960	3/1981	166		4794	OBSERVATION WELL	ERTEC

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
95	3N/52E- 20A1	U.S.AIR FORCE	1980	484	10	5006	4/1981	230	4776	TEST WELL	ERTEC
96	3N/52E- 20A2	U.S.AIR FORCE	1980	495	2	5008	4/1981	233	4774	OBSERVATION WELL	ERTEC
97	3N/53E-18BC	U.S.AIR FORCE	1980	200	2	4990	3/1981	--		DRY OBS. WELL	ERTEC
98	3N/53E-20DA			161		4965	2/1980	--		DRY WELL	ERTEC BO/NVSEO
99	3N/53E-35BAC	FALLINI		204	6	4942	3/1972	165	4777		VAN DENBURGH ETAL 74
100	3N/54E- 5BC	SHARP	1948	325	6	5040	11/1948	265	4775		VAN DENBURGH ETAL 74
101	2N/53E- 9BC	U.S.AIR FORCE	1980	200	2	4925	3/1981	164	4761	OBSERVATION WELL	ERTEC
102	2N/53E-23CBC	FALLINI	1962	180	6	4892	3/1972	113	4779		VAN DENBURGH ETAL 74
103	2N/53E-27DA	U.S.AIR FORCE	1980	200	2	4865	1/1981	--		DRY OBS.WELL	ERTEC
104	2N/53E-35AA	U.S.AIR FORCE	1980	200	2	4990	3/1981	193	4797	OBSERVATION WELL	ERTEC
105	2.5N/52E-35AC	U.S.AIR FORCE	1980	200	2	4970	3/1981	--		DRY OBS. WELL	ERTEC
106	1N/52E-13DA	U.S.AIR FORCE	1980	200	2	4950	3/1981	119	4831	OBSERVATION WELL	ERTEC
107	1N/53E- 3DAC	FALLINI		120	6	4851	3/1972	69	4782		VAN DENBURGH ETAL 74
108	1N/53E- 7ADC	FALLINI		136	6	4880	3/1972	78	4802		VAN DENBURGH ETAL 74
109	1N/53E-27BBA	FALLINI	1948	200	6	4970	3/1972	172	4798		VAN DENBURGH ETAL 74
110	1N/53E-31DCC	FALLINI	1951	272	5	5045	11/1951	205	4840		VAN DENBURGH ETAL 74
111	1N/53E-32DB	NV DEPT. HWYS.	1952	292	8	5050	5/1957	225	4825		VAN DENBURGH ETAL 74
112	1S/51.5E-19AC	FALLINI	1959	370	6	5930	10/1959	335	5595		VAN DENBURGH ETAL 74
113	1S/53E-28BDA	FALLINI	1950	465	6	5205	3/1972	415	4790		VAN DENBURGH ETAL 74

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	8N/45E-17D	ARCULARIUS		260	14	6630	9/1980	165	6465		ERTEC 80/NVSEO
2	7N/44E-29D		1959	203	10	6600	10/1959	92	6508	STOCK WELL	THORDARSON ETAL 71
3	7N/44E-36CAA	ARCULARIUS	1968	240	6	6175	10/1968	182	5993		THORDARSON ETAL 71
4	7N/45E- 5AD	PARMAN		250	6	6385	9/1980	114	6271		ERTEC 80/NVSEO
5	7N/45E-19BD				6	6265	9/1980	197	6068		ERTEC 80/NVSEO
6	6N/43E-22DCD	ARCULARIUS	1950	320	8	6030	2/1950	227	5803		THORDARSON ETAL 71
7	6N/44E-14D	PARMAN		260	8	6050	11/1948	192	5858		THORDARSON ETAL 71
8	6N/44E-23DBB				6	6027	9/1980	--		DRY @ 195'	ERTEC 80/NVSEO
9	5N/44E- 7BDA	ARCULARIUS				5880	9/1980	72	5808		ERTEC 80/NVSEO
10	5N/44E-10DB	PARMAN			6	5905	9/1980	102	5803		ERTEC 80/NVSEO
11	5N/44E-16BC	U.S.AIR FORCE	1980	151	2	5885	3/1981	80	5805	OBSERVATION WELL	ERTEC
12	5N/44E-32BCC			18		5795	12/1960	12	5783		THORDARSON ETAL 71
13	4N/43E-16DDA				6	6000	9/1980	389	5611		ERTEC 80/NVSEO
14	4N/44E- 5BBA			18	3	5769	9/1980	12	5757		ERTEC 80/NVSEO
15	4N/44E- 8AB1	TONOPAH	1943	63	12	5745	6/1962	12	5733		THORDARSON ETAL 71
16	4N/44E- 8AB2	TONOPAH	1943	80	14	5740	6/1962	9	5731		THORDARSON ETAL 71
17	4N/44E- 8AB3	TONOPAH	1913	60	14	5735		8	5727		THORDARSON ETAL 71
18	4N/44E- 8BA	TONOPAH	1943	65	14	5735	6/1962	9	5726		EAKIN 62
19	4N/44E- 8CC1	TONOPAH		38	8	5710	5/1948	8	5702		THORDARSON ETAL 71
20	4N/44E- 8CC2	TONOPAH		38	8	5710	9/1980	9	5701		ERTEC 80/NVSEO
21	4N/44E-15CB	U.S.AIR FORCE	1980	140	2	5930	3/1981	--		DRY OBS.WELL	ERTEC
22	4N/44E-18AD1	TONOPAH				5690	9/1980	11	5679		ERTEC 80/NVSEO
23	4N/44E-18AD2	TONOPAH		47	12	5690	5/1948	11	5679		THORDARSON ETAL 71
24	4N/44E-19AA	TONOPAH		55	14	5650		8	5642		THORDARSON ETAL 71
25	4N/44E-19ABB	TONOPAH			12	5650	9/1980	10	5640		ERTEC 80/NVSEO
26	3N/43E-36B	NYE CO.			12	5425	9/1980	480	4945		ERTEC 80/NVSEO
27	3N/44E- 6BA	U.S.AIR FORCE	1980	191	2	5375	3/1981	--		DRY OBS.WELL	ERTEC
28	3N/44E-16CD	CORNELL	1947	540	6	5480	5/1947	480	5000		THORDARSON ETAL 71
29	3N/44E-35D	W & D HUNT			10	5375	9/1980	378	4997	STOCK WELL	ERTEC 80/NVSEO
30	2N/44E- 8B			264		5380		--		DRY	THORDARSON ETAL 71
31	2N/45E-21CC	ARCULARIUS		325	8	5260	9/1980	280	4980		ERTEC 80/NVSEO

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	4N/50E-20CAD	FALLINI	1980		6	5460	7/1980	76	5366		ERTEC 80/NVSEO
2	4N/50E-22BC	U.S.AIR FORCE	1980	201	2	5290	1/1981	134	5156	OBSERVATION WELL	ERTEC
3	4N/51E-29CAC	FALLINI	1951	137	5	5264	/1951	95	5169	STOCK USE	NV STATE ENG 79
4	3N/50E-13CA1	U.S.AIR FORCE	1981	702	2	5350	2/1981	317	5033	OBSERVATION WELL	ERTEC
5	3N/50E-13CA2	U.S.AIR FORCE	1981	680	10	5485	2/1981	317	5168	TEST WELL	ERTEC
6	3N/51E-18CDA	FALLINI	1948	320	6	5450	7/1980	279	5171		ERTEC 80/NVSEO
7	2N/50E-34C	STOCK			6	6350	10/1965	12	6338	STOCK USE	ROBINSON ET AL 67

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TABLE C1-27

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C- 9- 9)34BD	U.S.AIR FORCE	1980	200	2	4550	3/1981	--		DRY OBS.WELL	ERTEC
2	(C-10- 9) 4BDA	BLM	1935	555	8	4525	3/1980	190	4335		ERTEC 80/UTSEO
3	(C-10- 9)21ACC	SNARR	1964	127	16	4427	3/1980	53	4374		ERTEC 80/UTSEO
4	(C-11- 8) 7CDC			215		4550	6/1962	78	4472		UTAH STATE ENG 79
5	(C-11- 8)18DBC	MC KEAN	1962	200	11	4553	3/1980	66	4487		ERTEC 80/UTSEO
6	(C-11- 8)20BCC	BENNION	1962	200	11	4569	5/1963	59	4510		ROWER ET AL 64
7	(C-11- 8)21BC	U.S.AIR FORCE	1980	200	2	4660	3/1981	106	4554	OBSERVATION WELL	ERTEC
8	(C-11- 8)28CDC					4587	/1965	48	4539		UTAH STATE ENG 79
9	(C-11- 8)33CCC	BENNION	1952	376	12	4591	5/1963	33	4558		USGS 79
10	(C-11- 9) 1BCA	BENNION	1957	450	16	4530	3/1980	80	4450		ERTEC 80/UTSEO
11	(C-11- 9) 1CDB	BENNION	1952	445	12	4528	5/1963	72	4456		ROWER ET AL 64
12	(C-11- 9)12CAA	BENNION	1962		11	4547	3/1978	78	4469		USGS 79
13	(C-12- 6)15BAC	BLM	1948	335	6	5110	3/1980	206	4904		ERTEC 80/UTSEO
14	(C-12- 6)26AA	U.S.AIR FORCE	1980	200	2	5035	3/1981	48	5007	OBSERVATION WELL	ERTEC
15	(C-12- 7) 3BCB	BLM	1948	270	6	4897	8/1948	235	4662		ROWER ET AL 64
16	(C-12- 7) 8CA	U.S.AIR FORCE	1980	200	2	4815	3/1981	76	4739	OBSERVATION WELL	ERTEC
17	(C-12- 8) 4BAC	PETERSON	1960	250	16	4593	3/1980	34	4559		ERTEC 80/UTSEO
18	(C-12- 8) 4DAD	PETERSON	1959	220	12	4593	12/1959	60	4533		ROWER ET AL 64
19	(C-12- 8) 9BBA	PETERSON	1959	272	12	4588	3/1980	28	4560		ERTEC 80/UTSEO
20	(C-12- 8) 9DBA	PETERSON	1958	390	16	4585	3/1980	23	4562		ERTEC 80/UTSEO
21	(C-12- 8)26BC	U.S.AIR FORCE	1980	160	2	4645	3/1981	50	4595	OBSERVATION WELL	ERTEC
22	(C-12- 8)28AAC	BLM	1935	245	6	4588	3/1980	20	4568		ERTEC 80/UTSEO
23	(C-13- 6) 9BC	U.S.AIR FORCE	1980	150	2	4805	3/1981	150	4655	OBSERVATION WELL	ERTEC
24	(C-13- 6)12BCB					4890	3/1980	194	4696		ERTEC 80/UTSEO
25	(C-13- 6)20AC	U.S.AIR FORCE	1980	151	2	4725	3/1981	64	4661	OBSERVATION WELL	ERTEC
26	(C-13- 6)26BAC	BLM	1935	175	6	4753	3/1979	70	4683		USGS 79
27	(C-13- 6)34BC	U.S.AIR FORCE	1980	160	2	4720	3/1981	59	4661	OBSERVATION WELL	ERTEC
28	(C-13- 6)35AD	U.S.AIR FORCE	1980	202	2	4760	3/1981	58	4702	OBSERVATION WELL	ERTEC
29	(C-13- 7) 9CBC	BLM		210	6	4638	3/1980	39	4599		ERTEC 80/UTSEO
30	(C-13- 7)12DB	U.S.AIR FORCE	1980	160	2	4725	3/1981	69	4656	OBSERVATION WELL	ERTEC
31	(C-13- 8)14BC	U.S.AIR FORCE	1980	160	2	4595	3/1981	3	4592	OBSERVATION WELL	ERTEC
32	(C-14- 5)35CDC	NELSON	1959	305	16	4788	3/1979	104	4684		USGS 79
33	(C-14- 6) 9BAB	CHRISTENSEN	1955	185	6	4728	10/1963	78	4650		ROWER ET AL 64
34	(C-14- 6) 9DDA	CHRISTENSEN	1964	143	3	4709	10/1963	57	4652		ROWER ET AL 64
35	(C-14- 6)21CCC	LYMAN	1937	185	3	4719	10/1963	68	4651		ROWER ET AL 64
36	(C-14- 7) 1CAB			150		4651	3/1980	20	4631		ERTEC 80/UTSEO
37	(C-14- 8)25CCC	BLM	1957	340	2	4575	3/1978	F	> 4575	FLOWING WELL	USGS 79
38	(C-14- 9)19DAA			200		4735	1/1980	180	4555		ERTEC 80/UTSEO
39	(C-14- 9)27BD	U.S.AIR FORCE	1980	160	2	4660	3/1981	103	4557	OBSERVATION WELL	ERTEC
40	(C-15- 5) 1CCB	GREATHOUSE	1951	296	16	4790	3/1980	114	4676		ERTEC 80/UTSEO
41	(C-15- 5)10CD	U.S.AIR FORCE	1980	200	2	4780	5/1980	103	4677	OBSERVATION WELL	ERTEC 80
42	(C-15- 5)13BBC	LYNNDYL IRR.CO.	1957	310	16	4780	3/1980	110	4670		ERTEC 80/UTSEO
43	(C-15- 5)26BAA	DMAD IRR.CO.	1958	860		4688	3/1979	17	4671		USGS 79
44	(C-15- 5)29DDA	BLM	1949	132	4	4784	3/1980	114	4670		ERTEC 80/UTSEO
45	(C-15- 6)19CAC	LYMAN	1956	235	3	4671	3/1980	42	4629		ERTEC 80/UTSEO
46	(C-15- 6)29BD	U.S.AIR FORCE	1980	120	2	4730	5/1980	63	4667	OBSERVATION WELL	ERTEC 80
47	(C-15- 6)31CCC	HOLMAN	1954	195	2	4626	3/1979	0	4626		USGS 79

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
	WELL DESCRIPTION						WATER LEVEL MEASUREMENTS			REMARKS	DATA SOURCE
48	(C-15- 7)17BAD	ELARIA		235	2	4588	3/1979	4	4584		USGS 79
49	(C-15- 7)18DCC	LAKELAND DVLP.			2	4576	3/1980	F	> 4576	FLOWING WELL	ERTEC 80/UTSEO
50	(C-15- 7)21BCC	DAVIS			2	4580	3/1978	4	4576		USGS 79
51	(C-15- 7)31CDD	ROBERTS		176	2	4577	3/1979	5	4572		USGS 79
52	(C-15- 7)33BAC	DAVIS	1953	325	2	4582	3/1979	F	> 4582	FLOWING WELL	USGS 79
53	(C-15- 8)23DBA	REID	1926	100	2	4565	3/1979	4	4561		USGS 79
54	(C-15- 8)25AAA	LAW	1936	285	2	4571	3/1979	F	> 4571	FLOWING WELL	USGS 79
55	(C-15- 8)34ADD	REID	1925	160	2	4572	3/1979	5	4567		USGS 79
56	(C-16- 5)18CAA	DRAD IRR.CO.	1961	940	20	4672	3/1979	22	4650		USGS 79
57	(C-16- 5)19CBD	DRAD IRR.CO.	1966	225	6	4671	3/1979	29	4642		USGS 79
58	(C-16- 6) 7DBC	HOLMAN	1928	104	2	4620	3/1979	1	4619		USGS 79
59	(C-16- 7) 1DCD	HOLMAN	1929	132	2	4615	3/1979	F	> 4615	FLOWING WELL	USGS 79
60	(C-16- 7) 3AAA	SHIELDS	1916	225	2	4590	3/1976	F	> 4590	FLOWING WELL	USGS 79
61	(C-16- 7) 4ABB	HINKLEY	1920	324	2	4584	3/1979	F	> 4584	FLOWING WELL	USGS 79
62	(C-16- 7) 6CBC	MOODY	1917	180	2	4581	11/1974	8	4573		USGS 79
63	(C-16- 7) 8ABB	JENSON	1914		2	4589	3/1979	10	4579		USGS 79
64	(C-16- 7)10BAD	DONE	1961	919	16	4595	3/1979	F	> 4595	FLOWING WELL	USGS 79
65	(C-16- 7)10CDC	LARSEN	1949	380	2	4604	3/1979	4	4600		USGS 79
66	(C-16- 7)12CCD	BARNEY	1951	582	8	4605	3/1979	F	> 4605	FLOWING WELL	USGS 79
67	(C-16- 7)12DCD	BLACK		180	2	4608	3/1979	4	4604		USGS 79
68	(C-16- 7)13CCC	CHESLEY	1953	284	2	4616	3/1978	1	4615		USGS 79
69	(C-16- 7)16DDA	HALES	1945	413	2	4612	3/1978	11	4601		USGS 79
70	(C-16- 7)28BBC	OWENS	1944	170	2	4610	3/1978	22	4588		USGS 79
71	(C-16- 7)35ACA	BUNKER	1918	170	2	4641	3/1979	36	4605		USGS 79
72	(C-16- 8) 2CDD	JENSEN			2	4578	3/1979	9	4569		USGS 79
73	(C-16- 8) 8DDD	BLM			2	4573	3/1978	8	4565		USGS 79
74	(C-16- 8)12DDD	PECK	1962	954	16	4587	3/1979	17	4570		USGS 79
75	(C-16- 8)15DDD	SHEPHERD	1924	190	2	4583	3/1979	16	4567		USGS 79
76	(C-16- 8)18DAA	BLM			2	4569	3/1979	9	4560		USGS 79
77	(C-16- 8)19DDD	BLM		128	2	4567	3/1979	12	4555		USGS 79
78	(C-16- 8)21BCB	ELLSWORTH	1942	996	26	4578	3/1979	12	4566		USGS 79
79	(C-16- 8)21DDD	ELLSWORTH		125	2	4575	3/1976	11	4564		USGS 79
80	(C-16- 8)22BAD	DONE	1952	150	10	4577	3/1979	15	4562		USGS 79
81	(C-16- 8)24BAA	GRONNING	1954	194	2	4588	3/1979	13	4575		USGS 79
82	(C-16- 8)26BCB	YOUNG	1944	96	2	4582	3/1979	18	4564		USGS 79
83	(C-16- 8)26BDB	GLDN.HRVST IRR.C	1959	844	18	4591	3/1972	30	4561		USGS 79

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)		ELEV (FT)	REMARKS	DATA SOURCE
1	(C-11-15)30DCB	BLM	1935	112		4370	8/1942	31		4339	CASING 8" & 6"	HOOD ET AL 65
2	(C-11-16) 6C9C4	DELMONT TRIM	1934	90	3	4346	10/1964	F	>	4346	FLOW 16PM EST.	HOOD ET AL 65
3	(C-11-16) 6CC	CHRISTENSEN		20	48	4350	11/1954	20		4330	STOCK	HOOD ET AL 65
4	(C-11-16)24DD	U.S.AIR FORCE	1979	201	2	4345	7/1980	24		4321	OBSERVATION WELL	ERTEC 80
5	(C-11-16)36CDA	U.S.AIR FORCE	1980	150	2	4414	3/1981	2		4412	OBSERVATION WELL	ERTEC
6	(C-11-17) 1BDC	DROUGHT RLF.ASOC	1934	221	4	4330	10/1964	5		4325		HOOD ET AL 65
7	(C-11-17) 2C	CALLAO WATER CO.	1934	222	4	4420	/1934	5		4415	DOM & STOCK	HOOD ET AL 65
8	(C-11-17)21CD	U.S.AIR FORCE	1980	200	2	4800	3/1981	180		4620	OBSERVATION WELL	ERTEC
9	(C-12-16)16BB	U.S.AIR FORCE	1980	150	2	4524	3/1981	--			DRY OBS. WELL	ERTEC
10	(C-12-17) 1AC	U.S.AIR FORCE	1980	160	2	4635	3/1981	--			DRY OBS. WELL	ERTEC
11	(C-12-17)34ADD			175	6	4560	8/1946	80		4480	DOM & STOCK	HOOD ET AL 65
12	(C-12-17)34BBD			220		4600	8/1977	172		4428		UTAH STATE ENG 79
13	(C-12-17)34DBA	O'BRIEN	1946	175	6	4560	8/1946	78		4482		UTAH STATE ENG 79
14	(C-12-17)35CAD	U.S.AIR FORCE	1979	100	2	4575	3/1981	92		4483	OBSERVATION WELL	ERTEC
15	(C-13-16) 6CCC	BLM	1962	252	6	4660	10/1962	210		4450		HOOD ET AL 65
16	(C-13-17) 1DB	U.S.AIR FORCE	1979	100	2	4630	3/1981	--			DRY OBS. WELL	ERTEC
17	(C-13-18)13ACC			129		4680	12/1955	15		4665		UTAH STATE ENG 79
18	(C-13-18)13BCC			218		4720	5/1957	62		4658		UTAH STATE ENG 79
19	(C-13-18)13CAD	1000 PEAKS RNCHS	1973	505	16	4720	7/1973	6		4714	TEST WELL	UTAH STATE ENG 79
20	(C-13-18)13D	HOWELLS		400	2	4690	10/1944	F	>	4680	FLOWING WELL	HOOD ET AL 65
21	(C-13-18)14BBA	U.S.AIR FORCE	1979	101	2	4940	3/1981	--			DRY OBS. WELL	ERTEC
22	(C-13-18)14CCD					4720	8/1979	54		4666		ERTEC 79/UTSEO
23	(C-13-18)14DDB	SMITH	1957	148	8	4720	5/1957	41		4679		UTAH STATE ENG 79
24	(C-13-18)14DDC	PARKER	1933	75		4720	11/1954	18		4702		HOOD ET AL 65
25	(C-13-18)22ACC			82		4770	8/1979	11		4759		ERTEC 79/UTSEO
26	(C-13-18)22CAA			127		4770	3/1953	28		4742		UTAH STATE ENG 79
27	(C-13-18)22CBB			44		4800	3/1953	.5		4785		UTAH STATE ENG 79
28	(C-13-18)23AAB1	NIELSON		300		4700	11/1938	17		4683	CASING 3" & 2"	HOOD ET AL 65
29	(C-13-18)23AAB2	NIELSON	1933	30	10	4700	10/1964	8		4692	DOM & STOCK	HOOD ET AL 65
30	(C-13-18)25DD	U.S.AIR FORCE	1980	200	2	4800	3/1981	99		4701	OBSERVATION WELL	ERTEC
31	(C-13-18)27ADB			103		4720	8/1951	2		4718		UTAH STATE ENG 79
32	(C-13-18)27CCC	NEWBOLD	1964	560		4780					ABND.TEST WELL	UTAH STATE ENG 79
33	(C-13-18)27CDD	HILL	1958	107		4730	9/1958	12		4718		UTAH STATE ENG 79
34	(C-13-18)27DCC	NEWBOLD	1953	40	8	4728	9/1963	10		4718		UTAH STATE ENG 79
35	(C-13-18)29CCC	PARTOUN SCHOOL		36	2	4820		31		4789		HOOD ET AL 65
36	(C-13-18)28DA	NEWBOLD	1959	120	12	4780	/1964	31		4749	IRRIGATION	HOOD ET AL 65
37	(C-13-18)28DCC			104		4780	9/1958	8		4772		UTAH STATE ENG 79
38	(C-13-18)33BCD	TINTIC SCH.DIST.	1953	63	6	4800	9/1953	33		4767		UTAH STATE ENG 79
39	(C-13-.8)33CCC			30		4800	6/1959	7		4793		UTAH STATE ENG 79
40	(C-13-18)33DCC	POHRBACH	1950	158	12	4760	10/1964	12		4748	DOM,STOCK,IRR.	HOOD ET AL 65
41	(C-13-18)34ACC			107		4730	8/1979	7		4723		ERTEC 79/UTSEO
42	(C-13-18)34BCC			112		4745	8/1979	11		4734		ERTEC 79/UTSEO
43	(C-13-18)34CCC			147		4744	8/1979	1		4743		ERTEC 79/UTSEO
44	(C-13-18)34CDD			300		4730	8/1979	13		4717		ERTEC 79/UTSEO
45	(C-13-18)34DCC	FINK	1971	300	8	4730	2/1971	F	>	4730	FLOW./IRRIGATION	UTAH STATE ENG 79
46	(C-13-18)35C	HALE		140	6	4730	10/1949	F	>	4730	FLOWING WELL	HOOD ET AL 65
47	(C-14-18) 3CD1	HALE	1938	125	3	4750	7/1938	F	>	4750	FLOWING	UTAH STATE ENG 79

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
48	(C-14-18) 3CD2	HALE	1938	165	3	4750	7/1938	F	> 4750	FLOWING	UTAH STATE ENG 79
49	(C-14-18) 3CDA	HALE	1961	165	12	4750	1/1961	F	> 4750	FLOW./IRRIGATION	UTAH STATE ENG 79
50	(C-14-18) 3CDB	HALE	1961	165	12	4750	1/1961	F	> 4750	FLOW./IRRIGATION	UTAH STATE ENG 79
51	(C-14-18) 3DCC	HALE	1938	130	6	4750	10/1944	F	> 4750	FLOWING 146PM	HOOD ET AL 65
52	(C-14-18) 3DDC1	HALE	1948	120	6	4739	5/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
53	(C-14-18) 3DDC2	HALE	1948	120	6	4739	5/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
54	(C-14-18) 3DDC3	HALE	1949	140	6	4739	8/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
55	(C-14-18) 3DDC4	HALE	1948	120	6	4739	9/1948	F	> 4739	FLOWING	UTAH STATE ENG 79
56	(C-14-18) 3DDC7	HALE	1948	120	6	4740	10/1949	F	> 4740	FLOW./DOM & IRRIG.	HOOD ET AL 65
57	(C-14-18) 4ACA	LEWIS	1975	96	8	4780	3/1975	20	4760	DOMESTIC	UTAH STATE ENG 79
58	(C-14-18) 4ADC	ANDERSON	1955	118	6	4755	6/1965	2	4753		UTAH STATE ENG 79
59	(C-14-18) 4BDB			70		4780	7/1952	13	4767		UTAH STATE ENG 79
60	(C-14-18) 4DBB	FABER	1948	70		4780	11/1950	13	4767	CASING 10" & 6"	HOOD ET AL 65
61	(C-14-18) 4DCC	ADAM	1954	205	10	4785	3/1954	F	> 4785	FLOWING	UTAH STATE ENG 79
62	(C-14-18) 5C			70		4820		60	4760		HOOD ET AL 65
63	(C-14-18) 5CCC			85		4830	8/1979	56	4774		ERTEC 79/UTSEO
64	(C-14-18) 8ACC			105		4795	7/1959	11	4784		UTAH STATE ENG 79
65	(C-14-18) 8CCC	WEIGHT	1954	67	10	4818	4/1954	25	4793		UTAH STATE ENG 79
66	(C-14-18) 9CBC			64		4790	6/1953	8	4782		UTAH STATE ENG 79
67	(C-14-18) 17AAA			101		4795	12/1974	18	4777		UTAH STATE ENG 79
68	(C-14-18) 17ACC			72		4818	6/1953	18	4800		UTAH STATE ENG 79
69	(C-14-18) 18DCD	U.S.AIR FORCE	1979	101	2	4860	3/1981	78	4782	OBSERVATION WELL	ERTEC
70	(C-14-18) 26DC	U.S.AIR FORCE	1980	200	2	4960	3/1981	168	4792	OBSERVATION WELL	ERTEC
71	(C-14-18) 27AA	U.S.AIR FORCE	1979	101	2	4840	3/1981	56	4784	OBSERVATION WELL	ERTEC
72	(C-15-18) 11CDB	BLM	1962	485		5160	/1962	--		DRY	UTAH STATE ENG 79
73	(C-15-19) 11BC	U.S.AIR FORCE	1979	101	2	4960	3/1981	89	4871	OBSERVATION WELL	ERTEC
74	(C-15-19) 12BD	U.S.AIR FORCE	1979	101	2	4865	3/1981	51	4814	OBSERVATION WELL	ERTEC
75	(C-16-18) 3BAC			100		5010	3/1958	37	4973		UTAH STATE ENG 79
76	(C-16-18) 10BA	U.S.AIR FORCE	1980	200	2	4960	3/1981	165	4795	OBSERVATION WELL	ERTEC
77	(C-16-18) 26CBA	U.S.AIR FORCE	1979	101	2	4880	3/1981	41	4839	OBSERVATION WELL	ERTEC
78	(C-16-19) 4ADD1	SINGLETON	1917	33	36	4940	9/1940	30	4910		HOOD ET AL 65
79	(C-16-19) 4BBD	U.S.AIR FORCE	1979	101	2	5000	3/1981	72	4928	OBSERVATION WELL	ERTEC
80	(C-16-19) 17DB	U.S.AIR FORCE	1980	150	2	5040	3/1981	122	4918	OBSERVATION WELL	ERTEC
81	(C-16-19) 29CA	U.S.AIR FORCE	1980	200	2	4975	3/1981	82	4893	OBSERVATION WELL	ERTEC
82	(C-17-18) 1DA	U.S.AIR FORCE	1980	160	2	5015	3/1981	--		DRY OBS. WELL	ERTEC
83	(C-17-18) 26AB	U.S.AIR FORCE	1979	101	2	4865	3/1981	39	4826	OBSERVATION WELL	ERTEC
84	(C-17-19) 4ADD	ELDRIDGE	1955	760	16	4880	2/1978	43	4837		USGS 79
85	(C-17-19) 4BD	U.S.AIR FORCE	1979	101	2	4910	3/1981	75	4835	OBSERVATION WELL	ERTEC
86	(C-17-19) 5CC	U.S.AIR FORCE	1979	100	2	5050	3/1981	49	5001	OBSERVATION WELL	ERTEC
87	(C-17-19) 30ACC	U.S.AIR FORCE	1980	200	2	5120	3/1981	121	4999	OBSERVATION WELL	ERTEC
88	(C-18-18) 10AAD	U.S.AIR FORCE	1979	51	2	4920	3/1981	50	4870	OBSERVATION WELL	ERTEC
89	(C-18-18) 31ADB	U.S.AIR FORCE	1979	100	2	4970	3/1981	72	4898	OBSERVATION WELL	ERTEC
90	(C-19-18) 32CDC			100		5061	1/1980	51	5010		ERTEC 80/UTSEO
91	(C-18-19) 20ABD	U.S.AIR FORCE	1979	100	2	5010	3/1981	34	4976	OBSERVATION WELL	ERTEC
92	(C-18-19) 20DAD1	ROBINSON		100	6	4955	2/1978	29	4926	DOM & STOCK	USGS 79
93	(C-18-19) 20DDD1	ROBINSON	1925	90	6	4965	2/1978	28	4937	DOM & STOCK	USGS 79
94	(C-18-19) 20DDD2	HILL	1956	560	16	4965	10/1957	F	> 4965	FLOWING/STOCK	HOOD ET AL 65

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
95	(C-18-19)21CBC					4950	8/1979	24	4926		ERTEC 79/UTSEO
96	(C-18-19)21CCC	HILL	1967	600	16	4970	6/1967	F	> 4970	FLOWING/STOCK	UTAH STATE ENG 79
97	(C-18-19)29ACC	PARKER	1951	130	16	4930	12/1951	28	4902		UTAH STATE ENG 79
98	(C-18-19)28BCC			600	16	4970	2/1978	19	4951		USGS 79
99	(C-19-18) 5AB	U.S.AIR FORCE	1980	200	2	5100	5/1981	--		DRY OBS. WELL	ERTEC
100	(C-19-19)14ACD			77		4925	7/1961	11	4914		UTAH STATE ENG 79
101	(C-19-19)14ADC	ADAM	1966	99	16	4925	5/1966	13	4912	IRRIGATION	UTAH STATE ENG 79
102	(C-19-19)14DCC			59		4930	6/1966	18	4912		UTAH STATE ENG 79
103	(C-19-19)14DCD			65		4930	8/1957	12	4918		UTAH STATE ENG 79
104	(C-19-19)23ACD	CARLSON	1964	98	16	4935	5/1964	15	4920	IRRIGATION	UTAH STATE ENG 79
105	(C-19-19)23BDC			110		4930	10/1965	13	4917		UTAH STATE ENG 79
106	(C-19-19)23DCD	FLANDERS	1956	80	16	4940	6/1956	14	4926		UTAH STATE ENG 79
107	(C-19-19)23DDB	FLANDERS	1961	155	16	4950	3/1961	14	4936	IRRIGATION	UTAH STATE ENG 79
108	(C-19-19)26ABA					4968	/1978	17	4931		USGS 79
109	(C-19-19)26BBA	AARONIC CORP.	1979	200		4965	3/1978	12	4933		UTAH STATE ENG 79
110	(C-19-19)26BDD			112	16	4950	6/1977	12	4938		USGS 79
111	(C-19-19)29ABD			65		4969	6/1967	15	4954		UTAH STATE ENG 79
112	(C-19-19)31CC	U.S.AIR FORCE	1979	101	2	5060	5/1981	F	> 5060	FLOWING/OBS.WELL	ERTEC
113	(C-19-19)34ABA	GOUNDER	1976	118		4955	8/1979	15	4940	IRRIGATION	ERTEC 79/UTSEO
114	(C-19-19)34ABD					4955	8/1979	14	4941		ERTEC 79/UTSEO
115	(C-19-19)34ADB	GOUNDER	1960	110	14	4960	2/1960	8	4952	IRRIGATION	UTAH STATE ENG 79
116	(C-19-19)34ADD	GOUNDER	1945	406	6	4960	10/1945	7	4953		UTAH STATE ENG 79
117	(C-19-19)34DAA					4965	8/1979	15	4950		ERTEC 79/UTSEO
118	(C-19-19)34DAC	GOUNDER	1960	52	14	4970	3/1960	6	4964	IRRIGATION	UTAH STATE ENG 79
119	(C-19-19)34DDB					4970	8/1979	15	4955		ERTEC 79/UTSEO
120	(C-19-19)34DDD					4970	8/1979	15	4955		ERTEC 79/UTSEO
121	(C-19-19)35ACC			40		4970	12/1957	16	4954		UTAH STATE ENG 79
122	(C-19-19)35ACD	WEIGHT	1958	70	16	4970	5/1958	19	4951	ABANDONED	UTAH STATE ENG 79
123	(C-19-19)35BDD	WEIGHT	1955	45		4970	8/1955	9	4961		UTAH STATE ENG 79
124	(C-19-19)35CAC			110		4980	8/1979	20	4960		ERTEC 79/UTSEO
125	(C-19-19)35CAD	WEIGHT	1959	100	16	4970	3/1959	8	4962		UTAH STATE ENG 79
126	(C-19-19)35CDC	AARONIC CORP.	1977	72	14	4975	11/1977	25	4950	STOCK	UTAH STATE ENG 79
127	(C-19-19)35CDD					4980	8/1979	17	4963		ERTEC 79/UTSEO
128	(C-19-19)35DBC	ESKDALE CO.	1955	45	6	4975	7/1955	20	4955		UTAH STATE ENG 79
129	(C-19-19)35DCB	ESKDALE CO.	1956	49	6	4975	8/1956	21	4954		UTAH STATE ENG 79
130	(C-19-19)35DCC	VAN RY	1961	74	16	4980	5/1961	8	4972	IRRIGATION	UTAH STATE ENG 79
131	(C-19-19)35DCD1	VAN RY	1964	140	16	4980	11/1964	21	4959	IRRIGATION	UTAH STATE ENG 79
132	(C-19-19)35DCD2	ESKDALE DVLP.CO.			12	4975	2/1965	11	4964	DOMESTIC	HOOD ET AL 65
133	(C-19-19)36DB	U.S.AIR FORCE	1979	100	2	5050	5/1981	79	4971	OBSERVATION WELL	ERTEC
134	(C-20-17) 9C	U.S.DIV.GRAZING	1941	739	5	5490	10/1941	585	4905		UTAH STATE ENG 79
135	(C-20-18)21BA	U.S.AIR FORCE	1980	168	2	5120	5/1981	152	4968	OBSERVATION WELL	ERTEC
136	(C-20-18)21BC	U.S.AIR FORCE	1979	100	2	5120	5/1981	--		DRY OBS. WELL	ERTEC
137	(C-20-18)32AAB	U.S.AIR FORCE	1979	100	2	5015	5/1981	37	4978	OBSERVATION WELL	ERTEC
138	(C-20-19) 19C2	U.S.DIV.GRAZING	1939	375	5	4990	7/1939	32	4958		UTAH STATE ENG 79
139	(C-20-19) 18CC	BLM			4	4990	5/1951	F	> 4990	FLOW 1GPM EST.	HOOD ET AL 65
140	(C-20-19) 6BCC	BELLANDER	1915	200	3	5050	10/1945	F	> 5050	FLOWING WELL	HOOD ET AL 65
141	(C-20-19) 6CBC			190		5060	8/1946	F	> 5060	FLOWING WELL	UTAH STATE ENG 79

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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142	(C-20-19) 6DCC	SORENSEN	1946	280	8	5042	9/1946	F	> 5042	FLOWING	UTAH STATE ENG 79
143	(C-20-19) 7AAB	QUATE	1932	569	6	5035	11/1948	F	> 5035	FLOWING	HOOD ET AL 65
144	(C-20-19) 7BBD	SORENSON	1915	280		5070	11/1954	F	> 5070	FLOW./CAS.6"& 3"	HOOD ET AL 65
145	(C-20-19) 7BCB	SORENSON	1946	281	16	5080	8/1946	F	> 5080	FLOWING	UTAH STATE ENG 79
146	(C-20-19) 7C	U.S.DIV.GRAZING	1939	575	5	5078	2/1939	--		DRY	UTAH STATE ENG 79
147	(C-20-19)12AA	U.S.AIR FORCE	1980	150	2	5040	3/1981	16	5024	OBSERVATION WELL	ERTEC
148	(C-20-19)14BAD	BUNKER	1971	102	20	5000	3/1971	25	4975	IRRIGATION	UTAH STATE ENG 79
149	(C-20-19)14BBC	BUNKER	1952	100	16	5000	4/1952	12	4988		UTAH STATE ENG 79
150	(C-20-19)14BDA					5004	8/1979	23	4981		ERTEC 79/UTSEO
151	(C-20-19)15BBD					5005	8/1979	21	4984		ERTEC 79/UTSEO
152	(C-20-19)15BCC		1977	132	13	5010	/1977	23	4987	DOMESTIC	UTAH STATE ENG 79
153	(C-20-19)15BDB	GOODMAN	1950	52	6	5005	10/1950	19	4986		UTAH STATE ENG 79
154	(C-20-19)15CAA	SCHUMACHER	1945	56	24	5005	10/1950	13	4992		UTAH STATE ENG 79
155	(C-20-19)15CBA	AARONIC CORP.	1960	60	6	5010	12/1960	18	4992	DOMESTIC	UTAH STATE ENG 79
156	(C-20-19)15CCC			75		5025	5/1952	20	5005		UTAH STATE ENG 79
157	(C-20-19)16BDC	SCHUMAKER	1928	40	16	5025	9/1942	15	5010		HOOD ET AL 65
158	(C-20-19)19DCD	SHELL OIL	1956	100	7	5080	2/1978	41	5039		USGS 79
159	(C-20-19)21AAB			67		5020	5/1975	--		DRY	UTAH STATE ENG 79
160	(C-20-19)21ACC	LATHROP	1956	68	20	5025	2/1978	32	4993		USGS 79
161	(C-20-19)21B			66		5039		20	5019	IRRIGATION WELL	HOOD ET AL 65
162	(C-20-19)21BCC	AARONIC ORDER	1975	64	16	5030	5/1975	28	5002	IRRIGATION	UTAH STATE ENG 79
163	(C-20-19)30ABD			100		5100	5/1956	36	5064		UTAH STATE ENG 79
164	(C-20-20) 1DBB					5098	8/1979	34	5064		ERTEC 79/UTSEO
165	(C-20-20)12A			300		5098	11/1971	19	5079		UTAH STATE ENG 79
166	(C-21-17) 8DCC1	U.S.DIV.GRAZING	1935	316	6	5070	7/1935	224	4846		UTAH STATE ENG 79
167	(C-21-18)10CDD			66		5035		65	4970		HOOD ET AL 65
168	(C-21-18)12CCD	BLM	1958	205	6	5050		105	4945	STOCK	HOOD ET AL 65
169	(C-21-18)17ADD	BLM	1958	166	4	5040		52	4988	STOCK	HOOD ET AL 65
170	(C-21-18)17DB	U.S.AIR FORCE	1979	100	2	5060	3/1981	77	4983	OBSERVATION WELL	ERTEC
171	(C-21-18)20DAB	U.S.AIR FORCE	1980	200	2	5250	3/1981	--		DRY OBS. WELL	ERTEC
172	(C-21-19)16CCB	U.S.AIR FORCE	1979	100	2	5125	3/1981	90	5035	OBSERVATION WELL	ERTEC
173	(C-21-19)21AD	U.S.AIR FORCE	1979	100	2	5120	3/1981	--		DRY OBS. WELL	ERTEC
174	(C-21-19)31ACD	DEARDEN	1951	400	16	5200	7/1951	42	5158		UTAH STATE ENG 79
175	(C-21-19)31D	DEARDEN	1946	80	8	5210		30	5180	DOM & STOCK	HOOD ET AL 65
176	(C-21-19)31DDC	ROWLEY	1957	651	6	5215	10/1957	61	5154		UTAH STATE ENG 79
177	(C-22-16)18B	U.S.DIV.GRAZING	1935	550	6	5250		--		DRY	UTAH STATE ENG 79
178	(C-22-16)19B	BLM		680		5305		--		DRY	HOOD ET AL 65
179	(C-22-16)20			100		5340		--		DRY	HOOD ET AL 65
180	(C-24-18)20BCC	DAVIES	1950	360	6	5777	/1950	--		DRY	HOOD ET AL 65
181	(C-24-18)27A	BLM		500		5870		--		DRY	HOOD ET AL 65
182	(C-24-18)29B	BLM		936		5850		--		DRY	HOOD ET AL 65
183	19N/69E-15C	ELDRIDGE	1953	28	6	7180	7/1953	10	7170		HOOD ET AL 65
184	15N/70E-25DDB	U.S.AIR FORCE	1979	100	2	5080	3/1981	16	5066	OBSERVATION WELL	ERTEC
185	14N/70E- 8DCD	U.S.AIR FORCE	1979	100	2	5500	3/1981	60	5440	OBSERVATION WELL	ERTEC
186	14N/70E-20	ROBISON	1974	100	8	5420	3/1974	53	5367		NV STATE ENG 79
187	14N/70E-27AD	BLM	1951	130	6	5240	7/1951	86	5154		HOOD ET AL 65
188	11N/62E- 4BB	HILL	1957	640	16	4970	/1957	F	> 4970	FLOWING WELL	HOOD ET AL 65

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1	24N/66E-31CB	BLM	1966	211	6	6630	9/1966	140	6490		NV STATE ENG 79
2	23N/65E-10D1				80	6685	4/1960	65	6620		RUSH ET AL 65
3	23N/65E-14C1			140		6660		124	6536		RUSH ET AL 65
4	23N/66E- 7C1	HENROID		23	36	6480	8/1949	16	6464		RUSH ET AL 65
5	23N/66E-19A1	HENROID		30	6	6400	8/1949	20	6380		RUSH ET AL 65
6	23N/66E-31A1	HENROID		600	6	6380	7/1964	F	> 6380	FLOWING 50GPM	RUSH ET AL 65
7	23N/66E-31A2	HENROID	1945	49	8	6380	8/1949	17	6363		RUSH ET AL 65
8	23N/65E-31B1	HENROID		49	8	6370	8/1949	16	6354		RUSH ET AL 65
9	23N/66E-31B2	ANDERSON	1923	1040	9	6370	8/1949	F	> 6370	FLOWING 5GPM	RUSH ET AL 65
10	23N/66E-31C1	HENROID	1953	104	16	6370	6/1953	26	6344		NV STATE ENG 79
11	21N/65E- 4B1	DOUTRE			6	6070	7/1964	21	6049		RUSH ET AL 65
12	20N/66E-13AB	ELDRIDGE	1966	305	16	5770	6/1980	125	5645		ERTEC 80/NVSEO
13	20N/67E- 8D1			280		5780	6/1960	182	5598		RUSH ET AL 65
14	20N/67E-25BD					5720	6/1980	144	5576		ERTEC 80/NVSEO
15	20N/67E-26A1	ELDRIDGE		130	4	5700	6/1950	100	5600		RUSH ET AL 65
16	20N/67E-26A2	ELDRIDGE		123	20	5700	7/1964	121	5579		RUSH ET AL 65
17	19N/66E-11B1	ROBISON		400		5700	6/1960	41	5659		RUSH ET AL 65
18	19N/66E-14AB	ROBISON	1972	815	16	5620	9/1972	50	5570		NV STATE ENG 79
19	19N/67E-13AA	WITTS		53	8	5630	6/1980	49	5581		ERTEC 80/NVSEO
20	18N/66E- 1B	BATES	1953	68	6	5600	7/1953	20	5580		RUSH ET AL 65
21	18N/66E- 2A1		1962	60		5686	10/1962	31	5655		RUSH ET AL 65
22	18N/66E-25A1	ROBISON	1948	98	6	5600	11/1948	60	5540		RUSH ET AL 65
23	18N/66E-25A2	ROBISON	1950	190	6	5600	7/1950	26	5574		RUSH ET AL 65
24	18N/67E- 1C1	BATES			38	5570	7/1964	59	5511		RUSH ET AL 65
25	18N/68E-31A1	ELDRIDGE	1947	465	6	5580	3/1961	58	5522		NV STATE ENG 79
26	18N/68E-31A2	ELDRIDGE		80	5	5580	8/1949	45	5535		RUSH ET AL 65
27	17N/67E- 8BC	YELLAND				5570	6/1980	F	> 5570	FLOWING	ERTEC 80/NVSEO
28	17N/67E-28A1	BLM/ROGERS	1935	29	38	5560	6/1980	F	> 5560	FLOWING	ERTEC 80/NVSEO
29	17N/67E-30CB	PETERSON	1972	100		5690	8/1972	F	> 5690	FLOWING	NV STATE ENG 79
30	17N/68E- 6A1	BLM/ELDRIDGE		31	38	5570	8/1949	24	5546		RUSH ET AL 65
31	17N/68E- 6D1	ROBINSON	1951	500	16	5570	11/1964	29	5541		NV STATE ENG 79
32	17N/69E- 7A1	BLM/ELDRIDGE	1935	31	38	5560	7/1964	28	5532		RUSH ET AL 65
33	16N/66E-26A	BLM	1964	260	6	5950	12/1964	230	5720		NV STATE ENG 79
34	16N/67E- 3A1	ROGERS		16		5580	8/1949	3	5577	NO CASING	RUSH ET AL 79
35	16N/67E- 3A2	ROGERS BROS.	1950	317	6	5580	6/1980	4	5576		ERTEC 80/NVSEO
36	16N/67E-11AB	LAMM	1973	150	9	5635	5/1973	35	5600		NV STATE ENG 79
37	16N/67E-18A1	CHACHAS		16	48	5580	6/1980	3	5577		ERTEC 80/NVSEO
38	16N/67E-27D1	BLM/YELLAND		16	38	5630	6/1980	10	5620		ERTEC 80/NVSEO
39	16N/67E-4DB	BLM	1970	160	6	5590	2/1970	F	> 5590	FLOWING	NV STATE ENG 79
40	15N/65E-24B1	BASTIAN RCH		92	6	5830	11/1964	20	5810		RUSH ET AL 65
41	15N/67E- 2DA	U.S.AIR FORCE	1980	185	2	5790	3/1981	152	5638	OBSERVATION WELL	ERTEC
42	15N/67E-19BA	BASTIAN RCH	1947	83	16	5700	6/1980	7	5693	ABANDONED	ERTEC 80/NVSEO
43	15N/67E-26CD					5720	6/1980	F	> 5720	FLOW <1GPM/ABND.	ERTEC 80/NVSEO
44	15N/67E-35BD	U.S.AIR FORCE	1980	200	2	5820	3/1981	23	5797	OBSERVATION WELL	ERTEC
45	14N/65E-24A1	BLM		27	36	5820	6/1980	25	5795		ERTEC 80/NVSEO
46	14N/66E-24BD	U.S.AIR FORCE	1980	160	2	5830	3/1981	39	5791	OBSERVATION WELL	ERTEC
47	14N/66E-25B1			61	24	5820	8/1944	24	5796		RUSH ET AL 65

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TABLE C1-30

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
48	14N/66E-34CD	DEPT OF HIGHWAYS	1968	452	10	6160	6/1980	338	5822		ERTEC 80/NVSEO
49	14N/67E- 7D1	EXPERIMENTAL FAR	1935	340	8	5900	11/1944	F	> 5800	FLOWING 182GPM	RUSH ET AL 65
50	14N/67E-15C1			600	14	5780	4/1960	12	5768		RUSH ET AL 65
51	14N/67E-15D8	CLARK MINING	1977	294	8	5949	6/1977	250	5699		NV STATE ENG 79
52	14N/67E-16D0	SPACE METALS	1970	200	14	5770	9/1970	30	5740		NV STATE ENG 79
53	14N/67E-21DC	COMSTOCK SIX PLA	1966	154		5750	5/1968	33	5717		NV STATE ENG 79
54	14N/67E-22CC	FRANDSEN	1969	238	16	5820	8/1969	64	5756		NV STATE ENG 79
55	14N/67E-27BC	S.P. VALLEY GOLD	1974	193	16	5860	2/1974	140	5720		NV STATE ENG 79
56	13N/66E- 5A1	BUZZ PIERCE	1955	45	6	6490	10/1955	15	6475		RUSH ET AL 65
57	13N/66E-13CC	U.S.AIR FORCE	1980	140	2	6000	11/1980	--		DRY OBS.WELL	ERTEC 80
58	13N/66E-25A1	BLM	1951	120	6	5950	1/1951	60	5890		RUSH ET AL 65
59	13N/67E- 8A1	SWALLOW	1936	45	38	5780	6/1980	14	5766	USGS OBSV.WELL	ERTEC 80/NVSEO
60	13N/67E-15D1	ROBISON	1948	290	16	5950	11/1964	73	5877		RUSH ET AL 65
61	13N/67E-15D2	ROBINSON		300	6	5900	8/1949	60	5840		RUSH ET AL 65
62	13N/67E-15DC	U.S.AIR FORCE	1980	160	2	6030	3/1981	94	5936	OBSERVATION WELL	ERTEC
63	13N/67E-16DC	HARBECKE	1972	272		5925	7/1971	72	5853		NV STATE ENG 79
64	13N/67E-17D1	BLM		120		5775	4/1960	53	5722		RUSH ET AL 65
65	13N/67E-22A1					5770	4/1960	70	5700		RUSH ET AL 65
66	13N/67E-22AD	RASMASEN	1972	300	8	5860	2/1972	60	5800		NV STATE ENG 79
67	13N/67E-22BA	HARBECKE	1968	550	10	5852	1/1968	58	5794		NV STATE ENG 79
68	13N/67E-22D1	YELLAND	1949	63	6	5830	8/1949	25	5805		RUSH ET AL 65
69	13N/67E-26BB	SWALLOW	1972	100	6	5845	6/1980	65	5780		ERTEC 80/NVSEO
70	13N/67E-26BD	LARSON	1964	330	14	5818	12/1964	28	5790		NV STATE ENG 79
71	13N/67E-26DC	ELDRIDGE	1967	300		5850	6/1967	48	5802		NV STATE ENG 79
72	13N/67E-31D2	DOYLE				5788	4/1960	23	5765		RUSH ET AL 65
73	13N/67E-33D1		1949	456	16	5775	6/1980	6	5769		ERTEC 80/NVSEO
74	13N/67E-34A1					5780	7/1964	F	> 5780	FLOWING 5GPM	RUSH ET AL 65
75	13N/67E-34AA	LARSON	1966	915	3	5750	7/1966	14	5766		NV STATE ENG 79
76	13N/67E-35C1	BLM			6	5800	8/1949	F	> 5800	FLOWING 50GPM	RUSH ET AL 65
77	13N/67E-35D1	BLM		396	6	5830	7/1964	F	> 5830	FLOWING 5GPM	RUSH ET AL 65
78	12N/66E-21CD	BLM	1966	631	8	6365	9/1966	564	5801		NV STATE ENG 79
79	12N/66E-26	BLM	1967	650		5980	1/1967	590	5390		NV STATE ENG 79
80	12N/67E- 2A					5800	6/1980	F	> 5800	FLOWING 36GPM	ERTEC 80/NVSEO
81	12N/67E- 2A1	BLM	1935	407	6	5800	6/1980	F	> 5800	FLOWING 50GPM	ERTEC 80/NVSEO
82	12N/67E- 2A2	FISH AND GAME	1949	194	12	5800	3/1950	F	> 5800	FLOWING 1GPM	RUSH ET AL 65
83	12N/67E- 2A3	BLM	1935	750	8	5800	3/1950	F	> 5800	FLOWING <1GPM	RUSH ET AL 65
84	12N/67E- 2A4	BLM		283	6	5800	3/1950	F	> 5800	FLOWING 45GPM	RUSH ET AL 65
85	12N/67E- 2A5	FISH & GAME	1949	194	12	5800	3/1950	F	> 5800	FLOWING 40GPM	RUSH ET AL 65
86	12N/67E- 3B1		1935	30	60	5770	8/1953	8	5762	USGS OBSV.WELL	RUSH ET AL 65
87	12N/67E- 8A1		1935	45	39	5750		20	5730		RUSH ET AL 65
88	12N/67E-11A1	YELTON		21	36	5800	9/1949	12	5788		RUSH ET AL 65
89	12N/67E-11A2	YELTON		10	24	5800	9/1949	6	5794		RUSH ET AL 65
90	12N/67E-12CA	BRANSFORD	1976	190	13	5920	6/1980	31	5889		ERTEC 80/NVSEO
91	12N/67E-12D1	KIRKEBY		300	6	5920	9/1949	14	5906		RUSH ET AL 65
92	12N/67E-12D2	KIRKEBY		21	48	5920	9/1949	14	5906		RUSH ET AL 65
93	12N/67E-12D3	KIRKEBY	1959	155		5940	7/1959	50	5890		NV STATE ENG 79
94	12N/67E-13A1	KIRKEBY	1955	90	6	5850	10/1955	8	5842		NV STATE ENG 79

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
95	12N/67E-13B1	KIRKEBY	1959	220	6	5820	7/1959	F	> 5820	FLOWING 596PM	NV STATE ENG 79
96	12N/67E-13DD	SWALLOW	1970	220	16	5890	6/1980	44	5846		ERTEC 80/NVSEO
97	12N/67E-24B1	KIRKEBY		155	8	5840	7/1959	F	> 5840	FLOWING 796PM	RUSH ET AL 65
98	12N/67E-24CD	SWALLOW		300		5830	6/1980	26	5824		ERTEC 80/NVSEO
99	12N/67E-26AA	SWALLOW	1960			5780	6/1980	19	5761		ERTEC 80/NVSEO
100	12N/67E-27B1	KIRKEBY	1955	30		5751	10/1955	13	5738		NV STATE ENG 79
101	12N/67E-31DD	RHODES	1964	456	16	5755	4/1964	15	5740		NV STATE ENG 79
102	11N/66E- 1AB	RHODES	1964		16	5780	6/1980	F	> 5780	FLOWING <16PM	ERTEC 80/NVSEO
103	11N/66E-15CA	U.S.AIR FORCE	1980	200	2	6000	3/1981	--		DRY OBS.WELL	ERTEC
104	11N/66E-23AB	U.S.AIR FORCE	1979	101	2	5830	3/1981	47	5783	OBSERVATION WELL	ERTEC
105	11N/66E-24A1			28	42	5770	6/1980	19	5751		ERTEC 80/NVSEO
106	11N/66E-24D			28		5765	6/1980	19	5746		ERTEC 80/NVSEO
107	11N/66E-35DB	HECKETHORNE	1959	240	6	5784	6/1980	F	> 5784	FLOW. 2.5GPM/ABND.	ERTEC 80/NVSEO
108	11N/67E- 1BC	SWALLOW BROS		54	4	5790	6/1980	F	> 5790	FLOWING 6GPM	ERTEC 80/NVSEO
109	11N/67E- 1C1	SWALLOW BROS.	1935	353	8	5820	6/1980	F	> 5820	FLOWING	ERTEC 80/NVSEO
110	11N/67E-13B1	BLM	1935	15	35	5800	10/1935	7	5793		RUSH ET AL 65
111	11N/67E-13DC	SWALLOW	1964	450	14	5780	9/1964	10	5770		NV STATE ENG 79
112	11N/68E-19DC	U.S.AIR FORCE	1980	200	2	5950	3/1981	94	5856	OBSERVATION WELL	ERTEC
113	11N/68E-29BA	C.M. REDUC. CO.	1935	353	8	6110	11/1935	250	5860		RUSH ET AL 65
114	11N/68E-31C1	BLM-SWALLOW	1935	80	38	5870	7/1964	71	5799		RUSH ET AL 65
115	10N/67E- 7BA	U.S.AIR FORCE	1980	200	2	5820	3/1981	84	[illegible]36	OBSERVATION WELL	ERTEC
116	10N/67E-16A1	BLM	1965	54	38	5840		45	[illegible]95	DUG WELL	NV STATE ENG 79
117	10N/67E-22AA	U.S.AIR FORCE	1979	100	2	5880	3/1981	67	5813	OBSERVATION WELL	ERTEC
118	10N/67E-26BB	U.S.AIR FORCE	1980	200	2	5900	3/1981	17	5883	OBSERVATION WELL	ERTEC
119	10N/68E-29CC		1980			5930	6/1980	157	5773		ERTEC 80/NVSEO
120	10N/68E-31CD	U.S.AIR FORCE	1980	150	2	5900	3/1981	120	5780	OBSERVATION WELL	ERTEC
121	10N/68E-36DA	GEYSER RCH	1965	468	14	6500	5/1965	60	6440		NV STATE ENG 79
122	9N/68E-21DC	U.S.AIR FORCE	1979	101	2	5930	3/1981	--		DRY OBS.WELL	ERTEC
123	9N/68E-30AB1	U.S.AIR FORCE	1980	710	10	5999	9/1980	229	5770	TEST WELL	ERTEC 80
124	9N/68E-30AB2	U.S.AIR FORCE	1980	710	2	5991	9/1980	219	5772	OBSERVATION WELL	ERTEC 80
125	8N/68E-15BD			495	6	6180	6/1980	408	5772		ERTEC 80/NVSEO

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	15N/64E- 7A	SORENSON	1946	200	16	6510	7/1965	38	6472		EAKIN ET AL 67
2	15N/64E- 8CC	CUMMINGS		24		6520	8/1918	19	6501		EAKIN ET AL 67
3	15N/64E-17BA	THREE C RANCH	1961	203	20	6560	6/1980	6	6554		ERTEC 80/NVSEO
4	15N/64E-17BA1	THREE C RANCH	1906	120	20	6560	6/1980	6	6554		ERTEC 80/NVSEO
5	15N/64E-17C	C.B.LAND & CA.CO			20	6550	7/1965	15	6535		EAKIN ET AL 67
6	15N/64E-18BA	U.S.AIR FORCE	1980	190	2	6610	3/1981	64	6546	OBSERVATION WELL	ERTEC
7	15N/64E-21CBC	ARGUS MILL				6560	6/1980	11	6549		ERTEC 80/NVSEO
8	15N/64E-28DCD					6560	6/1980	11	6549		ERTEC 80/NVSEO
9	15N/64E-34C1	CUMMINGS		17		6565	7/1965	14	6551	DUG WELL	EAKIN ET AL 67
10	15N/64E-34C2	ROBINSON	1964	38	6	6580	7/1965	13	6567		EAKIN ET AL 67
11	15N/64E-36DB	U.S.AIR FORCE	1980	150	2	6640	3/1981	76	6564	OBSERVATION WELL	ERTEC
12	15N/64E-35A	U.S.AIR FORCE	1980	200	2	6740	3/1981	158	6582	OBSERVATION WELL	ERTEC
13	14N/63E-36BAC				6	7040	6/1980	35	7005	WARD CHARCL.OVENS	ERTEC 80/NVSEO
14	14N/64E- 6AA	U.S.AIR FORCE	1980	200	2	6690	3/1981	135	6555	OBSERVATION WELL	ERTEC
15	14N/64E-14AA	U.S.AIR FORCE	1980	200	2	6760	3/1981	159	6601	OBSERVATION WELL	ERTEC
16	14N/64E-15BB	U.S.AIR FORCE	1980	150	2	6630	3/1981	51	6579	OBSERVATION WELL	ERTEC
17	14N/64E-19DA	U.S.AIR FORCE	1980	200	2	6720	3/1981	86	6634	OBSERVATION WELL	ERTEC
18	14N/64E-36A	BLM	1954	284	6	6840	7/1965	145	6695		EAKIN ET AL 67
19	14N/65E-29BCC	BLM	1964	505	6	7040	6/1980	423	6617		ERTEC 80/NVSEO
20	13N/64E- 1CC	U.S.AIR FORCE	1980	200	2	6860	3/1981	--		DRY OBS.WELL	ERTEC
21	13N/64E- 2DDB					6820	6/1980	34	6786		ERTEC 80/NVSEO
22	13N/64E- 6BA	U.S.AIR FORCE	1980	200	2	6800	3/1981	27	6773	OBSERVATION WELL	ERTEC
23	13N/64E- 9B	BLM	1956	216	6	6757	7/1965	148	6609		EAKIN ET AL 67
24	13N/64E-15C	BLM		202	6	6780	5/1977	176	6604		USGS 79
25	13N/64E-22CB		1943	202	6	6788	7/1965	142	6646		EAKIN ET AL 67
26	12N/63E-12BA1	U.S.AIR FORCE	1980	2447	6	7360	1/1981	427	6933	CARB.TEST WELL	ERTEC
27	12N/64E- 5DDA					6914	6/1980	72	6842		ERTEC 80

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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	5N/48E- 8CC	U.S.AIR FORCE	1980	200	2	5900	3/1981	66	5834	OBSERVATION WELL	ERTEC
2	4N/47E-12BC	U.S.AIR FORCE	1980	200	2	5875	3/1981	92	5783	OBSERVATION WELL	ERTEC
3	4N/48E-14BB	U.S.AIR FORCE	1980	200	2	5700	3/1981	152	5548	OBSERVATION WELL	ERTEC
4	4N/49E-32AC	JOHN CASEY		380	6	5850	9/1980	321	5529		ERTEC 80/NVSEO
5	3N/46E-10C				8	5800	6/1962	29	5771		EAKIN 62
6	3N/48E-29C				16	5550	9/1980	99	5451		ERTEC 80/NVSEO
7	3N/48E-32B	JOHN CASEY		150	6	5540	9/1980	109	5431		ERTEC 80/NVSEO
8	2N/47E-13DC	U.S.AIR FORCE	1980	200	2	5495	2/1981	86	5409	OBSERVATION WELL	ERTEC
9	1N/46E- 4AD	U.S.AIR FORCE	1980	201	2	5400	3/1981	147	5253	OBSERVATION WELL	ERTEC
10	1N/46E- 9AC	JOHN CASEY		184	6	5385	6/1962	128	5257		EAKIN 62
11	1N/46E-25C				8	5365	9/1980	111	5254		ERTEC 80/NVSEO
12	1N/46E-31CD		1959	117	6	5295	2/1963	78	5217		THORDARSON ETAL 71
13	1N/46E-31D	JOHN CASEY		117	6	5290	5/1956	90	5200		EAKIN 62
14	1N/47E-30AB	JOHN CASEY			14	5400	9/1980	102	5298		ERTEC 80/NVSEO

WELL DESCRIPTION | WATER LEVEL MEASUREMENTS | REMARKS | DATA SOURCE

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STONE CABIN VALLEY, NEVADA

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TABLE C1-32

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-13-15)23CCB		1935	578	6	4890	2/1935	520	4370		STEPHENS 77
2	(C-13-15)35CDD	RAWLINGS	1972	200	10	4800	6/1972	27	4773		UTAH STATE ENG 79
3	(C-15-14)22DDD		1972	300	6	4545	3/1972	148	4397		STEPHENS 77
4	(C-15-15)30AC	U.S.AIR FORCE	1979	185	2	4522	3/1981	145	4377	OBSERVATION WELL	ERTEC
5	(C-15.5-15)33DA	U.S.AIR FORCE	1979	92	2	4332	3/1981	--		DRY OBS.WELL	ERTEC
6	(C-16-14)15AC	U.S.AIR FORCE	1979	202	2	4497	3/1981	78	4419	OBSERVATION WELL	ERTEC
7	(C-16-16)34BCD		1973	260	6	4790	8/1979	146	4644		ERTEC 79/UTSEO
8	(C-16-16)34BDB	U.S.AIR FORCE	1979	200	2	4790	3/1981	146	4644	OBSERVATION WELL	ERTEC
9	(C-17-14) 8DB	U.S.AIR FORCE	1979	200	2	4431	3/1981	7	4424	OBSERVATION WELL	ERTEC
10	(C-17-14) 9ACD	U.S.AIR FORCE	1979	200	2	4506	3/1981	78	4428	OBSERVATION WELL	ERTEC
11	(C-17-15)17CA1	U.S.AIR FORCE	1980	409	10	4473	4/1981	47	4426	TEST WELL	ERTEC
12	(C-17-15)17CA2	U.S.AIR FORCE	1980	311	2	4479	4/1981	53	4426	OBSERVATION WELL	ERTEC
13	(C-17-15)19DDD	U.S.AIR FORCE	1979	190	2	4450	3/1981	--		DRY OBS.WELL	ERTEC
14	(C-17-15)25CBB	PETERSON	1953	42	6	4433	4/1976	5	4428		STEPHENS 77
15	(C-17-15)29DB	U.S.AIR FORCE	1979	200	2	4585	3/1981	169	4416	OBSERVATION WELL	ERTEC
16	(C-17-15)34CA	U.S.AIR FORCE	1979	201	2	4455	3/1981	146	4309	OBSERVATION WELL	ERTEC
17	(C-17-16) 1BB	U.S.AIR FORCE	1979	150	2	4590	3/1981	--		DRY OBS.WELL	ERTEC
18	(C-18-14) 5CDD	U.S.AIR FORCE	1979	200	2	4640	3/1981	--		DRY OBS.WELL	ERTEC
19	(C-18-14)30BCA	U.S.AIR FORCE	1980	200	2	4500	3/1981	80	4420	OBSERVATION WELL	ERTEC
20	(C-18-15) 1DDD	U.S.AIR FORCE	1979	160	2	4430	3/1981	13	4417	OBSERVATION WELL	ERTEC
21	(C-18-15)13DC		1976			4445	4/1976	17	4428		STEPHENS 77
22	(C-18-15)25BA		1976			4455	4/1976	31	4424		STEPHENS 77
23	(C-18-15)36CDC	U.S.AIR FORCE	1979	200	2	4525	3/1981	105	4420	OBSERVATION WELL	ERTEC
24	(C-19-15)11BD	U.S.AIR FORCE	1980	200	2	4480	3/1981	34	4446	OBSERVATION WELL	ERTEC
25	(C-20-14) 6DD1	U.S.AIR FORCE	1980	624	10	4508	4/1981	86	4422	TEST WELL	ERTEC
26	(C-20-14) 6DD2	U.S.AIR FORCE	1980	624	2	4511	4/1981	86	4425	OBSERVATION WELL	ERTEC
27	(C-22-14) 1CBA		1935	515	6	4790	4/1976	320	4460		STEPHENS 77
28	(C-23-14) 1AAA	COOK	1935	402	4	4990	5/1935	--		DRY WELL	STEPHENS 77

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WELL AND WATER LEVEL DATA TULE VALLEY, UTAH

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TABLE C1-33

ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-23-16)27BCB		1941	445		5160	5/1941	--		DRY WELL	STEPHENS 74
2	(C-24-13)34CCB	BLM	1934	294	9	4645	10/1972	212	4433	TELESCOPING WELL	STEPHENS 74
3	(C-24-16) 7CAC		1936	656		5300	3/1936	--		DRY WELL	STEPHENS 74
4	(C-26-16)25AB	U.S.AIR FORCE	1980	1135	2	4760	12/1980	236	4524	OBSERVATION WELL	ERTEC 80
5	(C-27-16)27ABD1	BLM	1951	500	6	5020	9/1951	--		DRY WELL	STEPHENS 74
6	(C-27-16)28DD1	U.S.AIR FORCE	1980	1350	10	5080	4/1981	570	4510	TEST WELL	ERTEC
7	(C-27-16)28DD2	U.S.AIR FORCE	1980	1399	2	5080	4/1981	569	4511	OBSERVATION WELL	ERTEC
8	(C-28-16)10CCA		1975	1177	16	5334	6/1975	800	4534		UTAH STATE ENG 79
9	(C-28-16)11ABB1	EARTH SCIENCES	1973	1475	16	5190	9/1973	672	4518		STEPHENS 74
10	(C-28-16)26BD	EARTH SCIENCES	1974	757	16	5420	6/1974	535	4885		UTAH STATE ENG 79
11	(C-28-15) 2CDB	BLM	1932	12		5660	10/1972	F	> 5660	FLOWING	STEPHENS 74

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WELL AND WATER LEVEL DATA
WAH WAH VALLEY, UTAH

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TABLE C1-34

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND SLEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	(C-15- 9) 9CBD	U.S.AIR FORCE	1980	151	2	4595	3/1981	50	4548	OBSERVATION WELL	ERTEC
2	(C-15- 9)29DAC	U.S.AIR FORCE	1980	200	2	4650	3/1981	107	4543	OBSERVATION WELL	ERTEC
3	(C-15-10) 1ADC	BLM	1948	701	4	4710	11/1968	131	4579		USGS 79
4	(C-15-10)33ACA	BLM	1966	225	6	5140	7/1966	140	5000		UTAH STATE ENG 79
5	(C-15-12)19AD1	U.S.AIR FORCE	1980	1220	2	5280	12/1980	797	4483	OBSERVATION WELL	ERTEC 80
6	(C-15-12)19AD2	U.S.AIR FORCE	1980	1033	10	5250	12/1980	795	4455	TEST WELL	ERTEC 80
7	(C-16- 9)19ACB	U.S.AIR FORCE	1979	180	2	4744	3/1981	176	4568	OBSERVATION WELL	ERTEC
8	(C-16- 9)29DCC	BLM	1948	151	6	4610	6/1948	70	4540		MOWER ET AL 64
9	(C-16- 9)31CC	U.S.AIR FORCE	1979	202	2	4650	3/1981	118	4532	OBSERVATION WELL	ERTEC
10	(C-16-10) 1ADD	U.S.AIR FORCE	1979	202	2	4838	1/1980	--		DRY OBS.WELL	ERTEC 80
11	(C-17- 9) 5ADA	U.S.AIR FORCE	1980	155	2	4565	3/1981	23	4542	OBSERVATION WELL	ERTEC
12	(C-17- 9) 7CD	U.S.AIR FORCE	1979	153	2	4560	3/1981	20	4540	OBSERVATION WELL	ERTEC
13	(C-17- 9)33AA	U.S.AIR FORCE	1980	160	2	4555	3/1981	24	4531	OBSERVATION WELL	ERTEC
14	(C-17-10)14BAC			204		4649	3/1980	118	4531		ERTEC 80/UTSEO
15	(C-17-10)14388	BLM	1948	204	6	4650	11/1963	117	4533		MOWER ET AL 64
16	(C-17-10)28ADD	U.S.AIR FORCE	1979	200	2	4668	3/1981	147	4521	OBSERVATION WELL	ERTEC
17	(C-17-10)29DBC	U.S.AIR FORCE	1979	200	2	4719	3/1981	--		DRY OBS.WELL	ERTEC
18	(C-18-10)20CB	U.S.AIR FORCE	1980	200	2	4685	3/1981	172	4513	OBSERVATION WELL	ERTEC
19	(C-18-10)26EDA	CLYDE	1951	280	8	4575	5/1951	43	4532		MOWER ET AL 64
20	(C-19-11) 5DBB	BLM	1935	565	6	4900	9/1935	250	4650		MOWER ET AL 64
21	(C-19-10) 63CD	U.S.AIR FORCE	1980	205	2	4745	3/1981	--		DRY OBS.WELL	ERTEC
22	(C-19-10) 7ABC			523		4692	3/1979	189	4503		USGS 79
23	(C-19-11)28EAD			524		4690	10/1951	217	4473		MOWER ET AL 64
24	(C-19-12)26CCC					4680	11/1979	196	4484		USGS 79
25	(C-19-12)27C9D	U.S.AIR FORCE	1979	200	2	4731	3/1981	--		DRY OBS.WELL	ERTEC
26	(C-19-12)30ABB	BLM	1936	560	6	5220	2/1936	--		DRY WELL	MOWER ET AL 64
27	(C-19-12)36ECA	U.S.AIR FORCE	1979	200	2	4605	3/1981	182	4423	OBSERVATION WELL	ERTEC
28	(C-20-12)17ADC	U.S.AIR FORCE	1979	200	2	4660	3/1981	--		DRY OBS.WELL	ERTEC

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WELL AND WATER LEVEL DATA
WHIRLWIND VALLEY, UTAH

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TABLE C1-33

ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
1	14N/61E- 9C	BLM	1938	365		6300	/1938	350	5950		USGS 79
2	14N/62E-31B	BLM	1938	185		5870	7/1947	--		DRY '	USGS 79
3	13N/60E-26DA	GARDNER	1978	107	8	6100	7/1978	12	6088		NV STATE ENG 79
4	13N/62E-32DA	U.S.AIR FORCE	1980	200	2	5705	3/1981	159	5546	OBSERVATION WELL	ERTEC
5	12N/60E-11A	MUNSON		20		6100	12/1947	16	6084		USGS 79
6	12N/61E-12D	BERINSON	1947	70	48	5618	10/1947	61	5557		USGS 79
7	12N/61E-13A	DENNIS	1947	72	48	5616	11/1947	62	5554		USGS 79
8	12N/61E-13D	PETERSON	1919	184		5594	12/1947	58	5536		USGS 79
9	12N/61E-34A					5550	/1947	58	5492		USGS 79
10	12N/62E- 5D		1948	1300		5600	3/1948	60	5540		USGS 79
11	12N/62E-17D					5590	/1947	57	5533		USGS 79
12	12N/62E-20B	CARTER	1948	60		5560	3/1948	31	5529		USGS 79
13	12N/62E-20C	CARTER	1948	39	72	5565	3/1948	31	5534		USGS 79
14	12N/62E-20D	CARTER	1947	34	48	5554	7/1947	28	5526		USGS 79
15	12N/62E-28BB	WHIPPLE	1963	207	16	5576	1/1964	40	5536		NV STATE ENG 79
16	12N/62E-29BB	MC KENZIE	1977	200	16	5560	2/1977	30	5530		NV STATE ENG 79
17	12N/62E-29CBB	GUBLER		112	14	5553	7/1947	26	5527		USGS 79
18	12N/62E-30AB	GARDNER	1974	196	16	5560	4/1974	42	5518		NV STATE ENG 79
19	12N/62E-30B	PEACOCK BROS.	1947		6	5558	9/1947	37	5521		USGS 79
20	12N/62E-30C	PEACOCK BROS.		50	6	5530	9/1947	21	5509		USGS 79
21	12N/62E-31AA	GARDNER	1948	116	16	5520	5/1948	10	5510		NV STATE ENG 79
22	12N/62E-33A	REID	1947	48		5594	11/1947	40	5554		USGS 79
23	12N/62E-33D	WEBB	1975	114	8	5531	6/1975	18	5513		NV STATE ENG 79
24	11N/61E- 4CAA	BLM	1965	90	8	5580	7/1979	21	5559		ERTEC 79/NVSEO
25	11N/61E-16D	CARTER BROS.	1948	82		5470	7/1979	4	5466		ERTEC 79/NVSEO
26	11N/61E-25B					5440	7/1979	15	5425		ERTEC 79/NVSEO
27	11N/61E-27ABA					5440	7/1979	12	5428		ERTEC 79/NVSEO
28	11N/61E-32BBD	CARTER BROS.	1947	48		5431	7/1979	43	5388		ERTEC 79/NVSEO
29	11N/61E-35D		1965	171		5417	7/1979	15	5402		ERTEC 79/NVSEO
30	11N/62E- 4B	GUBLER	1952	200	16	5531	4/1952	22	5509		USGS 79
31	11N/62E- 4BBC			55		5531	8/1979	22	5509		ERTEC 79/NVSEO
32	11N/62E- 5D			30		5520	3/1948	3	5517		USGS 79
33	11N/62E- 6A			10		5503	7/1947	5	5498		USGS 79
34	11N/62E- 6DDC					5490	7/1979	2	5488		ERTEC 79/NVSEO
35	11N/62E- 7B	GUBLER	1947			5480	9/1947	18	5462		USGS 79
36	11N/62E-17CC	FAWCETT	1948	15	60	5460	7/1979	7	5453		ERTEC 79/NVSEO
37	11N/62E-19C					5442	1/1968	7	5435		USGS 79
38	11N/62E-20AD	GARDNER	1976	100	10	5300	7/1979	40	5460		ERTEC 79/NVSEO
39	11N/62E-20BBC					5455	8/1979	6	5449		ERTEC 79/NVSEO
40	11N/62E-28A					5639	7/1979	43	5596		ERTEC 79/NVSEO
41	11N/62E-28AAB			10		5650	8/1979	7	5643		ERTEC 79/NVSEO
42	11N/62E-33D	GUBLER	1948	128	14	5661	10/1948	7	5654		USGS 79
43	10N/60E- 1CC	U.S.AIR FORCE	1980	197	2	5490	3/1981	182	5308	OBSERVATION WELL	ERTEC
44	10N/60E-13C					5390	2/1948	45	5345		USGS 79
45	10N/60E-24ACD					5477	7/1979	17	5460		ERTEC 79/NVSEO
46	10N/60E-24BCB	BLM				5376	2/1948	41	5333		USGS 79
47	10N/60E-33ACD					5477	8/1979	17	5460		ERTEC 79/NVSEO

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WELL AND WATER LEVEL DATA
WHITE RIVER VALLEY, NEVADA
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ID. NO.	WELL DESCRIPTION: TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS: MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
48	10N/60E-33DA	U.S.AIR FORCE	1980	200	2	5475	3/1981	129	5346	OBSERVATION WELL	ERTEC
49	10N/60E-36B					5356	7/1979	50	5306		ERTEC 79/NVSEO
50	10N/60E-36C					5356	7/1979	42	5314		ERTEC 79/NVSEO
51	10N/61E- 5DDC					5413	7/1979	31	5382		ERTEC 79/NVSEO
52	10N/61E- 7AAB					5400	7/1979	96	5304		ERTEC 79/NVSEO
53	10N/61E- 7BBB					5431	7/1979	113	5318		ERTEC 79/NVSEO
54	10N/61E-11DC	MUNROE		127	8	5376	10/1947	4	5372		USGS 79
55	10N/61E-13CD	U.S.AIR FORCE	1979	51	2	5400	7/1980	41	5359	OBSERVATION WELL	ERTEC 80
56	10N/61E-20A					5366	7/1979	22	5344		ERTEC 79/NVSEO
57	10N/61E-21ABB					5370	7/1979	22	5348		ERTEC 79/NVSEO
58	10N/61E-26B	CARTER BROS.				5344	10/1947	9	5335		USGS 79
59	10N/61E-34A	ELDRIDGE				5334	10/1947	4	5330		USGS 79
60	10N/62E-17AAD					5762	7/1979	259	5503		ERTEC 79/NVSEO
61	10N/62E-19ADD					5630	7/1979	149	5481		ERTEC 79/NVSEO
62	9N/59E-36CAB					6160	8/1979	33	6127		ERTEC 79/NVSEO
63	9N/60E- 1A			50		5346	7/1979	40	5306		ERTEC 79/NVSEO
64	9N/60E-15D					5505	7/1979	195	5310		ERTEC 79/NVSEO
65	9N/61E- 7BCC			43		5341	7/1979	31	5310		ERTEC 79/NVSEO
66	9N/61E-16C					5308	7/1979	24	5284		ERTEC 79/NVSEO
67	8N/59E- 3C			100		6660	5/1967	85	6575		USGS 79
68	8N/60E-21A					5490	7/1979	500	4990		ERTEC 79/NVSEO
69	8N/60E-24D	BLM	1966	80	8	5261	7/1979	35	5226		ERTEC 79/NVSEO
70	8N/60E-27DA					5340	7/1979	117	5223		ERTEC 79/NVSEO
71	8N/60E-28A			142		5480	2/1948	114	5366		USGS 79
72	8N/61E-19CCC					5261	8/1979	0	5261		ERTEC 79/NVSEO
73	8N/61E-27CD			490		5258	8/1979	40	5218		ERTEC 79/NVSEO
74	8N/61E-27DCC	U.S.AIR FORCE	1979	1300	2	5255	2/1981	40	5215	OBSERVATION WELL	ERTEC
75	8N/61E-33ADD	GULF OIL	1968	72	6	5250	7/1979	35	5215		ERTEC 79/NVSEO
76	8N/62E-17CD	GULF OIL	1965	210	6	5420	7/1979	135	5285		ERTEC 79/NVSEO
77	8N/62E-19BA	HARDEN	1966	416	12	5340	7/1979	91	5249		ERTEC 79/NVSEO
78	8N/62E-28AD	U.S.AIR FORCE	1980	200	2	5530	12/1980	--		DRY OBS. WELL	ERTEC 80
79	8N/62E-30CCB			101		5276	7/1979	65	5211		ERTEC 79/NVSEO
80	8N/62E-30CD	U.S.AIR FORCE	1979	101	2	5272	3/1981	65	5207	OBSERVATION WELL	ERTEC
81	7N/61E- 4DAC					5240	7/1979	38	5202		ERTEC 79/NVSEO
82	7N/61E- 7DD	GENUNG	1970	100	6	5245	7/1979	13	5232		ERTEC 79/NVSEO
83	7N/61E-19BD	U.S.AIR FORCE	1979	101	2	5240	3/1981	49	5191	OBSERVATION WELL	ERTEC
84	7N/61E-36CCD	JAY	1975	79	6	5180	7/1979	19	5161		ERTEC 79/NVSEO
85	7N/61E-36DD	SILVER	1970	100	8	5200	8/1970	9	5191		NV STATE ENG 79
86	6N/60E-19CA	U.S.AIR FORCE	1980	210	2	5360	12/1980	--		DRY OBS. WELL	ERTEC 80
87	6N/60E-20AD	BLM	1965	160	8	5270	7/1979	90	5180		ERTEC 79/NVSEO
88	6N/60E-21A					5240	7/1979	89	5151		ERTEC 79/NVSEO
89	6N/61E- 6BB	HOWARD	1967	456	16	5220	7/1979	39	5181		ERTEC 79/NVSEO
90	6N/61E- 9CCB	FISH & GAME	1966	400	6	5215	7/1979	5	5210		ERTEC 79/NVSEO
91	6N/61E-27AA	U.S.AIR FORCE	1979	101	2	5200	3/1981	71	5129	OBSERVATION WELL	ERTEC
92	6N/61E-27DD	KIRCH	1970	250	8	5200	6/1970	98	5102		NV STATE ENG 79
93	6N/61E-32BA	FOREMASTER	1969	50	6	5145	3/1979	18	5127		ERTEC 79/NVSEO
94	6N/61E-33D	GULF OIL	1963	200	6	5203	8/1979	100	5103		ERTEC 79/NVSEO

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WELL AND WATER LEVEL DATA
WHITE RIVER VALLEY, NEVADA
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ID. NO.	TOWNSHIP RANGE-SECTION	WELL OWNER	YEAR DRILLED	WELL DEPTH (FT)	CASING ID (IN)	LAND ELEV (FT)	WATER LEVEL MEASUREMENTS MO/YEAR	DEPTH-BELOW SURFACE (FT)	ELEV (FT)	REMARKS	DATA SOURCE
95	6N/62E- 7CD	GULF OIL	1968	117	6	5279	6/1979	25	5254		ERTEC 79/NVSEO
96	6N/62E-31AD	MAX RIGGS CO.	1971	250	10	5430	7/1979	145	5285		ERTEC 79/NVSEO
97	5N/60E- 3AB	U.S.AIR FORCE	1980	200	2	5165	3/1981	48	5117	OBSERVATION WELL	ERTEC
98	5N/60E-10CA	CRSTL.SPRS.DVLP.	1970	125	14	5130	7/1979	38	5092		ERTEC 79/NVSEO
99	5N/61E-31CD	WHIPPLE	1961	100	10	5100	7/1979	20	5080		ERTEC 79/NVSEO
100	4N/60E- 2AA	STEWART	1949	403		5130	7/1979	70	5060	CASING 12" & 8"	ERTEC 79/NVSEO
101	4N/60E-13AD	U.S.AIR FORCE	1980	165	2	5210	3/1981	--		DRY OBS. WELL	ERTEC
102	4N/61E-16D					5094	/1963	84	5010		USGS 79

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WELL AND WATER LEVEL DATA
WHITE RIVER VALLEY, NEVADA
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APPENDIX D1

DISCHARGE MEASUREMENTS

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	18N/50E-28D S	ST	HOT SPRING WASH	4/1964	100	6360		ROBINSON ET AL 67
2	18N/50E-28D2 S	SP	KLOBE SPRING	9/1980	5.0	4455		ERTEC 80
3	17N/49E-14CAD	ST		9/1980	990	7400		ERTEC 80
4	17N/49E-34BB	SP	BALD MT. SPRING	9/1980	2.0	8020		ERTEC 80
5	17N/50E-30	ST	ALLISON CR.	4/1964	450	6800		ROBINSON ET AL 67
6	17N/50E-31	SP	SULLIVAN SPRING	4/1964	0.0	6840	NO FLOW	ROBINSON ET AL 67
7	16N/50E-25	ST	NINE MILE CK.	5/1964	670	6395		ROBINSON ET AL 67
8	16N/50E-26	ST	ANTELOPE WASH	5/1964	0.0	6395	NO FLOW	ROBINSON ET AL 67
9	15N/49E-10DC	SP	RYE GRASS SPR.	9/1980	1.0	7250	DISCHARGE <1GPM	ERTEC 80
10	15N/49E-24	ST	COPENHAGEN CYN.	5/1964	900	7200		ROBINSON ET AL 67
11	15N/50E-24AB	SP	WATER CYN. SPR.	9/1980	3.0	7600	DISCHARGE EST.	ERTEC 80
12	14N/50E-15AC	SP		9/1980	8.0	7280		ERTEC 80

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DISCHARGE MEASUREMENTS,
ANTELOPE VALLEY, NEVADA

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TABLE D1-1

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	11N/55E-30C	SP	PORTUGESE SP.	5/1980	2.0	6880	DISCHARGE 2-3GPM	ERTEC 80
2	10N/52E-23AA	SP	SQUAW WELLS SP.	5/1980	3.0	6960		ERTEC 80
3	10N/56E-25BA	SP	MARTIN SP.	5/1980	2.0	7320	DISCHARGE 2-3GPM	ERTEC 80
4	9N/52E-12BAA	SP	NEEDLES SP.	5/1980	2.0	6580	DISCHARGE 2-3GPM	ERTEC 80

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DISCHARGE MEASUREMENTS,
BIG SAND SPRINGS VALLEY, NEVADA

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TABLE D1-2

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	9N/42E-19B	ST	PEAVINE CREEK	8/1979	130	6320		ERTEC 79
2	9N/42E-30A	ST	PEAVINE CREEK	/1968	1900	6240	AVE.MEASUREMENT	RUSH ET AL 70
3	8N/39E-13B	SP	CLOVERDALE SPR.	7/1967	1.0	5700		RUSH ET AL 70
4	2N/39E-13D	SP	JACKSON SPR.	7/1967	1.0	6040	DISCHARGE <1GPM	RUSH ET AL 70
5	2N/40E-10BBA	SP	WILLOW SPRINGS	8/1979	1.0	6020	DISCHARGE EST.	ERTEC 79
6	2N/40E-19C	SP	CHUCKAR SPR.	9/1967	1.0	6400	DISCHARGE <1GPM	RUSH ET AL 70
7	1S/40E-25C	SP		1/1967	25	4350	DISCHARGE <25GPM	RUSH 68
8	1S/41E-26A	SP	ALKALI SPRING	1/1967	40	4870		RUSH 68

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DISCHARGE MEASUREMENTS, BIG SMOKY VALLEY, NEVADA

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TABLE D1-3

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	26N/62E-15C1	SP	STRATTON SPR.	8/1967	250	6520		GLANCY 68
2	26N/62E-22D0	ST		11/1980	100	6420		ERTEC 80
3	26N/62E-33D1	SP	OWENS SPRING	8/1967	75	6600	DISCHARGE 50-100GPM	GLANCY 68
4	26N/62E-34AB	SP		11/1980	4.0	6420		ERTEC 80
5	25N/62E-21	ST	PARIS CREEK	10/1965	790	6800		GLANCY 68
6	22N/60E-20CC	SP		11/1980	1.0	6900		ERTEC 80
7	21N/62E-29D	SP		11/1980	23	7250		ERTEC 80
8	20N/60E-33D1	SP	THIRTY-MILE SPR.	8/1967	45	6600	DISCHARGE 40-50GPM	GLANCY 68
9	20N/60E-34C	SP	30-MILE RANCH SPRING	11/1980	10.0	6900	DISCHARGE EST.	ERTEC 80
10	19N/61E-35CC	SP	ROCK SPRING	11/1980	0.0	7480	NO FLOW	ERTEC 80
11	19N/62E- 9C1	SP	GULCH SPRING	8/1967	15	6800	DISCHARGE 10-20GPM	GLANCY 68
12	19N/62E-30B	ST		8/1967	45	7200		GLANCY 68
13	19N/62E-32C1	SP	SUMMIT SPRING	8/1967	25	7600	DISCHARGE <25GPM	GLANCY 68

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DISCHARGE MEASUREMENTS, BUTTE VALLEY, NEVADA

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TABLE D1-4

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	9N/66E-16BAD	SP	CAVE VALLEY SPR.	3/1980	1000	6500	DISCHARGE EST.	ERTEC 80
2	7N/66E-33DCA	SP	SIDEHILL SPRING	3/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
3	6N/63E-19ADB	SP	HORSE SPRING	3/1980	1.0	6500	DISCHARGE <1GPM	ERTEC 80

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DISCHARGE MEASUREMENTS,
CAVE VALLEY, NEVADA

30 NOV 81 TABLE D1-6

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	1N/61E-29CA	SP	OCEANA SPRING	6/1980	3.0	6000		ERTEC 80

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DISCHARGE MEASUREMENTS,
COAL VALLEY, NEVADA

30 NOV 81

TABLE D1-6

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	3S/62E-25AB	SP	PANROC SPRING	5/1980	4.0	5500		ERTEC 80
2	5S/62E-34DD	SP	TWIN SPRINGS	5/1980	20	6300		ERTEC 80
3	5S/64E- 2C	SP	GRASSY SPRING	5/1980	7.0	6100		ERTEC 80
4	7S/64E-24CC	SP	JUMBO SPRING	5/1980	2.0	6220	GPM ESTIMATED	ERTEC 80

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DISCHARGE MEASUREMENTS,
DELAMAR VALLEY, NEVADA

30 NOV 81 TABLE D1-7

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	3N/65E-31CC	SP		8/1979	3.0	5100		ERTEC 79
2	2N/63E-13CBA	SP	COYOTE SPRING	8/1979	1.0	5340		ERTEC 79
3	2S/63E-22BC	SP	WHEATGRASS SPR.	5/1980	2.0	5400		ERTEC 80
4	4S/64E-24BA	SP	SEVEN OAK SPR.	5/1980	0.5	5730		ERTEC 80
5	4S/64E-25DD	SP	RED ROCK SPR.	5/1980	1.0	6100	DISCHARGE <1GPM	ERTEC 80

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DISCHARGE MEASUREMENTS,
DRY LAKE VALLEY, NEVADA

30 NOV 81

TABLE D1-8

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-10-11)27CBD	SP	STRAIGHT CYN SPR.	9/1956	1.0	5620	DISCHARGE <1GPM	STEPHENS ET AL 78
2	(C-12-10)35BAA	SP	KANE SPRING	11/1979	0.8	5580		ERTEC 79

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DISCHARGE MEASUREMENTS,
DUGWAY VALLEY, UTAH

30 NOV 81 TABLE D1-9

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-11-14) 3DBD	SP	NORTH SPRING	8/1976	3100	4303		BOLKE ET AL 78
2	(C-11-14)11BCB	SP	DEADMAN SPRING	11/1979	5.0	4310	DISCHARGE EST.	ERTEC 79
3	(C-11-14)11CDB	SP	WALTER SPRING	7/1976	150	4308		BOLKE ET AL 78
4	(C-11-14)23ACA	SP	HOUSE SPRING	7/1976	850	4315		BOLKE ET AL 78
5	(C-11-14)23DBD	SP	THOMAS SPRING	7/1976	2400	4315		BOLKE ET AL 78
6	(C-11-14)23DDC	SP	MIDDLE SPRING	8/1976	5400	4315		BOLKE ET AL 78
7	(C-11-14)26AAA	SP	LOST SPRING	7/1976	1100	4310		BOLKE ET AL 78
8	(C-11-14)26ADD	SP	SOUTH SPRING	7/1976	3600	4310		BOLKE ET AL 78
9	(C-11-14)26DAA	SP	PERCY SPRING	7/1976	1700	4315		BOLKE ET AL 78
10	(C-12-12)10CBC	SP	*WILDHORSE SPRING*	8/1976	1.0	5300	DISCHARGE <16PM	BOLKE ET AL 78

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DISCHARGE MEASUREMENTS,
FISH SPRINGS FLAT VALLEY, UTAH

30 NOV 81 TABLE D1 10

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	3N/56E-23A	ST	PINE CREEK	6/1980	750	6900	DISCHARGE EST.	ERTEC 80
2	3N/56E-32A	ST	COTTONWOOD CK	6/1980	1000	7000	DISCHARGE EST.	ERTEC 80
3	3N/56E-33C	ST	COTTONWOOD CK	6/1980	850	6800	DISCHARGE EST.	ERTEC 80
4	3N/57E-16C	ST	CHERRY CREEK	6/1980	1000	6200	DISCHARGE EST.	ERTEC 80
5	3N/57E-14B			6/1980	3.0	6150	DISCHARGE EST.	ERTEC 80
6	2N/56E-23B	SP	BARTON SP.	6/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
7	2N/59E-17A		WATER GAP	6/1980	40	5100	DISCHARGE EST.	ERTEC 80
8	1N/57E-20	SP	GOLD CREEK SPR.	6/1980	12	6300	DISCHARGE EST.	ERTEC 80

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DISCHARGE MEASUREMENTS,
GARDEN VALLEY, NEVADA

30 NOV 81

TABLE D1-11

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-22-19)33BB	SP		8/1979	15	5435	DISCHARGE EST.	ERTEC 79
2	(C-22-20) 1B	ST		7/1979	2000	5300		ERTEC 79
3	(C-24-20) 1DBA	SP	NEEDLE POINT SPR.	7/1979	5.0	5455		ERTEC 79
4	(C-30-20)26D	SP	LOG CABIN SPRING	8/1979	1.0	7045	DISCHARGE <1GPM	ERTEC 79
5	(C-32-18)15CAA	SP	SPANISH GORGE SPR.	8/1979	12	6640		ERTEC 79
6	(C-32-20)24DAC	SP	CANYON SPRING	8/1979	31	7150		ERTEC 79
7	15N/68E-36CA	SP	WILLOW PATCH SPR.	8/1979	1.0			ERTEC 79
8	13N/69E-10DD	SP		9/1966	1900	6450		HESS ET AL 78
9	13N/69E-13DCB	ST	LEHMAN CREEK	8/1979	3600	6400		ERTEC 79
10	13N/69E-14BBD	SP	ROLAND SPRING	8/1979	2800	6400		ERTEC 79
11	12N/70E-1D	ST		8/1979	1800	5250		ERTEC 79
12	12N/70E-12C	ST	SNAKE CREEK	7/1979	3000	5520		ERTEC 79
13	12N/70E-18DAA	ST	SNAKE CREEK	7/1979	2400	6480		ERTEC 79
14	11N/69E-25ABA	SP	SOUTH SPRING	8/1979	11	7600		ERTEC 79
15	10N/70E-33BAD	SP	BIG SPRING	8/1979	4200			ERTEC 79
16	5N/70E-11DAA	SP	HERMITAGE SPRING	8/1979	100	6500		ERTEC 79

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DISCHARGE MEASUREMENTS
HAMLIN VALLEY, UTAH

30 NOV 81

TABLE D1-12

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	10N/51E-36BAB	ST	MOORES STA. RES.	7/1980	8.0	6080	HAROLD LK OUTLET	ERTEC 80
2	9N/50E- 2A	SP	6-MILE SPRING-W.	5/1967	50	8300		THORDARSON ET AL 71
3	9N/50E- 2AA	SP	6-MILE SPRING-E.	5/1967	38	8300		THORDARSON ET AL 71
4	9N/50E-27BD	ST	6-MILE CANYON-S.	12/1966	1.0	7050		THORDARSON ET AL 71
5	9N/51E- 5D	SP	MOREY CANYON	3/1967	5.0	7200		THORDARSON ET AL 71
6	9N/51E- 8BA	SP	SO. CYN. SPRING	3/1967	7.0	7360		THORDARSON ET AL 71
7	9N/51E-32CCC	SP	HOBBLE CYN. SPR.	7/1980	9.0	6760		ERTEC 80
8	8N/49E-21CDC	SP	UPPER WARM SPRING	3/1967	32	6100		THORDARSON ET AL 71
9	8N/49E-22BDC	SP	COLD SPRING	4/1967	10.0	6100		THORDARSON ET AL 71
10	8N/49E-25AB	SP		8/1967	2.0	5900		THORDARSON ET AL 71
11	8N/49E-25BA	SP	OLD DUGAN HOT SPR.	9/1967	500	5950		PIERO ET AL 68
12	8N/49E-36BA	SP	ARRASTA SPRING-NW	5/1967	5.0	7200		THORDARSON ET AL 71
13	8N/49E-36BD	SP	ARRASTA SPRING-SE	5/1967	15	7200		THORDARSON ET AL 71
14	8N/50E- 5AA	SP	BULLWHACKER SPR.	4/1967	1.0	7050	DISCHARGE EST.	THORDARSON ET AL 71
15	8N/50E-12CDD	ST	6-MILE CYN-S.	7/1980	510	6320		ERTEC 80
16	8N/50E-29DDA	SP	HOT CK.RANCH SPR.		760			RUSH ET AL 66
17	8N/50E-33BAB	ST	HOT CREEK	7/1980	340	5640	SUBIRRIG.DITCH	ERTEC 80
18	8N/50E-33BBA	SP	COLD SPRING RANCH	7/1980	4.0	5650		ERTEC 80
19	7N/50E-19DCC	SP	KEYSTONE SPRING	7/1980	37	6400		ERTEC 80
20	7N/50E-24CDB	SP	BLUE JAY SPR.	7/1980	1.0	5370	DISCHARGE EST.	ERTEC 80
21	7N/52E-19DAD	SP	RATTLESNAKE SPR.	7/1980	1.0	6010	DISCHARGE EST.	ERTEC 80
22	7N/52E-31BBD	SP	ICEBERG SPRING	7/1980	2.0	5900	DISCHARGE EST.	ERTEC 80
23	7N/52E-31BC	SP	ICEBERG SPRING	5/1967	6.0	6200		THORDARSON ET AL 71
24	6N/49E-13BAD	SP	WILLOW SPRING	7/1980	15	7200		ERTEC 80
25	6N/49.5E-14CCD	SP	MULESHOE SPRING	7/1980	47	6960	DISCHARGE EST.	ERTEC 80
26	6N/49.5E-23AC	SP	CAVE SPRING	7/1980	1.0	6915	DISCHARGE EST.	ERTEC 80
27	5N/49E-13BCA	SP	DEAN SPRING	8/1967	1.0	6900		THORDARSON ET AL 71
28	4N/50E-19BA	SP	OVER-THE-HILL SPR.	7/1980	1.0	5850	DISCHARGE EST.	ERTEC 80
29	4N/50E-20CC	SP	WARM SPRINGS		680	5500		RUSH ET AL 66
30	4N/50E-20CCB	SP	WARM SPR.TUNNEL	7/1980	79	5540		ERTEC 80

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DISCHARGE MEASUREMENTS,
HOT CREEK VALLEY, NEVADA

30 NOV 81

TABLE D1-13

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	18N/59E-10DC	SP	SAMMY SPRING	11/1980	4.0	6680		ERTEC 80
2	18N/59E-11CB	SP	WILLOW SPRING	11/1980	1.0	6710	DISCHARGE <1GPM	ERTEC 80
3	18N/61E-11AD	SP	TANK SPRING	11/1980	0.0	8040	DRY	ERTEC 80
4	18N/61E-11CD	SP		11/1980	0.0	7880	DRY	ERTEC 80
5	17N/58E-11CD	SP		11/1980	0.0	6840	DISCHARGE=SEEP	ERTEC 80
6	17N/58E-15AC	SP	ROUND SPRING	11/1980	0.0	6980	DISCHARGE=SEEP	ERTEC 80
7	17N/58E-21BAC	SP	SAND SPRING	11/1980	0.0	7560	DISCHARGE <1GPM	ERTEC 80
8	14N/59E- 1AA	SP	MUD SPRING	11/1980	0.0	7230	DISCHARGE <1GPM	ERTEC 80

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DISCHARGE MEASUREMENTS,
JAKES VALLEY, NEVADA

30 NOV 81

TABLE D1-14

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	23N/49E-23DBD	SP	JACK SPRING	10/1980	0.0	7020	DISCHARGE=SEEP	ERTEC 80
2	22N/49E-21BAB	SP		10/1980	1.0	6435	DISCHARGE <1GPM	ERTEC 80
3	22N/49E-27	ST	COILS CREEK	5/1964	3600	6348	DISCHARGE EST.	RUSH ET AL 64
4	22N/49E-31	ST	SNOW WATER CYN.	5/1964	1100	6400	DISCHARGE EST.	RUSH ET AL 64
5	22N/50E-12BA	ST	ROBERTS CREEK	10/1980	390	6800		ERTEC 80
6	21N/48E-11	ST	FERGUSON CK.	5/1964	1800	6400	DISCHARGE EST.	ROBINSON ET AL 67
7	20N/47E-14DCC	SP	ACKERMAN RANCH SPR	10/1980	1.0	6800	DISCHARGE <1GPM	ERTEC 80
8	20N/47E-23ABC	ST	ACKERMAN CYN.	10/1980	16	6720		ERTEC 80
9	20N/47E-25	ST	ACKERMAN CYN.	5/1964	220	6450	DISCHARGE EST.	ROBINSON ET AL 67
10	20N/49E-23	ST	COILS CK. TRIB.	5/1964	450	6125	DISCHARGE EST.	ROBINSON ET AL 67
11	20N/50E-13A	SP	LONE MTN. SPR.	10/1980	0.0	6110	DISCHARGE=SEEP	ERTEC 80
12	20N/51E- 6CCC	SP	MUD SPRING	10/1980	0.0	6140	DISCHARGE=SEEP	ERTEC 80
13	20N/51E-22	ST	SLOUGH CK.	5/1964	670	6240	DISCHARGE EST.	ROBINSON ET AL 67
14	20N/52E-20ACC	SP		9/1980	12	6070		ERTEC 80
15	20N/52E-26	ST	SLOUGH CK.	5/1964	1100	5975	DISCHARGE EST.	ROBINSON ET AL 67
16	19N/46E- 20AA	ST	DRY CREEK	10/1980	37	7300		ERTEC 80
17	19N/49E-20	ST	WILLOW CK.	5/1964	450	6260	DISCHARGE EST.	ROBINSON ET AL 67
18	19N/50E- 5AA	SP	HOT SPRING	9/1980	2.0	6100	DISCHARGE EST.	ERTEC 80
19	19N/50E-18BA	SP	WARM SPRINGS	9/1980	0.0	6140	DISCHARGE=SEEP	ERTEC 80
20	19N/51E- 5	ST	SLOUGH CK.	5/1964	850	6060	DISCHARGE EST.	RUSH ET AL 64
21	19N/51E- 7	ST	DAGGETT CREEK	5/1964	670	6060	DISCHARGE EST.	ROBINSON ET AL 67
22	19N/51E-30	ST	ANTELOPE WASH	4/1964	0.0	6120	NO FLOW	ROBINSON ET AL 67
23	18N/48E- 1AAD	SP	JACKRABBIT SPR.	10/1980	0.0	6600	DRY	ERTEC 80
24	18N/49E-12BAD	SP		9/1980	0.0	6600	DRY	ERTEC 80

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DISCHARGE MEASUREMENTS,
KOBEH VALLEY, NEVADA

30 NOV 81

TABLE D1-15

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	10N/65E-19D1	SP	N.CREEK SPRING	8/1963	770	7800		RUSH ET AL 63
2	10N/65E-29C1	SP	LTL.N.CREEK SPR.	8/1963	40	7800		RUSH ET AL 63
3	9N/65E- 4C1	SP	GEYSER SPRING	9/1963	200	7120	DIS.200-2256PM AVE.	RUSH ET AL 63
4	9N/65E-30D	SP	PATTERSON SPRING	8/1963	10.0	7800		RUSH ET AL 63
5	6N/65E-23B	SP	BURNT CORRAL SPR.	8/1963	1.0	6720		RUSH ET AL 63
6	6N/68E-11C1	SP	COLE RANCH SPR.	8/1963	25	8120		RUSH ET AL 63
7	3N/66E- 6D	SP	PONEY SPRING	8/1963	10.0	6162		RUSH ET AL 63
8	5N/68E-17A1	SP	COTTINO SPRING	8/1963	100	7000	DISCHARGE EST.	RUSH ET AL 63

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DISCHARGE MEASUREMENTS,
LAKE VALLEY, NEVADA

30 NOV 81

TABLE D1-16

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	16N/53E- 8B	SP	FISH CREEK SPRINGS	9/1965	4000	6040		HESS ET AL 78
2	16N/53E- 8B	SP	FISH CREEK SPRINGS	11/1965	2400	6040		RUSH ET AL 66
3	16N/53E-12ABB	ST	FISH CREEK	3/1980	680	6010		ERTEC 80
4	15N/54E-11ACB	SP	POGUES STA.SPR.	3/1980	0.3	6350		ERTEC 80
5	14N/51E-22C	SP	PINE SPRING		450	7400		RUSH ET AL 66
6	14N/51E-23CCA	SP	PINE SPRING	3/1980	180	7200		ERTEC 80
7	14N/51E-34A	SP	SNOWBALL ACH.SPR.		90	7360		RUSH ET AL 66

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DISCHARGE MEASUREMENTS,
LITTLE SMOKY VALLEY, NEVADA

30 NOV 81 TABLE D1-17

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	23N/58E-36B	SP	LONG V. SLOUGH	11/1980	80	6120	DISCHARGE EST.	ERTEC 80
2	23N/58E-36C	SP	LONG V.SLOUGH	11/1980	300	6110	DISCHARGE EST.	ERTEC 80
3	19N/59E-31AC	SP	NORTH SPRING	11/1980	2.0	6820	DISCHARGE EST.	ERTEC 80

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DISCHARGE MEASUREMENTS,
LONG VALLEY, NEVADA

30 NOV 81

TABLE D1-18

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	17N/48E-13BA	SP		10/1980	0.0	8000	DRY	ERTEC 80
2	17N/48E-21AC	SP		10/1980	10.0	7050	DISCHARGE EST.	ERTEC 80
3	15N/46E- 2C	SP	DEER SPRING	10/1980	0.0	7200	DISCHARGE=SEEP	ERTEC 80
4	15N/46E- 3C	SP	SAMS SPRING	10/1980	0.0	7440	DISCHARGE=SEEP	ERTEC 80
5	15N/46E-20DB	ST	CORRAL CYN.	10/1980	4.0	7800		ERTEC 80
6	15N/46E-21CC	ST	CORRAL CYN.	10/1980	7.0	7600		ERTEC 80
7	15N/46E-23BD	ST		10/1980	32	7200		ERTEC 80
8	15N/46E-27AD	SP		10/1980	15	7600	DISCHARGE EST.	ERTEC 80
9	15N/46E-28AA	ST		10/1980	15	7450	DISCHARGE EST.	ERTEC 80
10	15N/47E-14	ST	STONEBERGER CK.	4/1964	670	6575	DISCHARGE EST.	ROBINSON ET AL 67
11	15N/47E-25	ST	WILLOW CK.	4/1964	220	6650	DISCHARGE EST.	ROBINSON ET AL 67
12	15N/47E-29CB	SP	MUD SPRING	10/1980	1.0	7100		ERTEC 80
13	15N/47E-35DD	ST		10/1980	400	6640		ERTEC 80
14	15N/48E-29	ST		5/1964	450	6750	DISCHARGE EST.	ROBINSON ET AL 67
15	14N/46E-13AD	ST	IKES CYN.	10/1980	92	7520		ERTEC 80
16	14N/47E- 2	ST	STONE CK. TRIB.	4/1964	900	6650	DISCHARGE EST.	ROBINSON ET AL 67
17	14N/47E-22	ST	STONE CK. TRIB.	4/1964	900	6700	DISCHARGE EST.	ROBINSON ET AL 67
18	14N/47E-22DC	ST		10/1980	650	6700		ERTEC 80
19	13N/47E- 5DA	SP	BOX SPRING	10/1980	0.0	6775	DISCHARGE=SEEP	ERTEC 80
20	12N/47E-32	ST	MOSQUITO CK.	4/1964	900	6850	DISCHARGE EST.	ROBINSON ET AL 67
21	12N/47E-32AC	ST	MOSQUITO CK.	10/1980	800	6850		ERTEC 80
22	11N/45E-13ADD	ST	PINE CK.	10/1980	500	7500		ERTEC 80
23	11N/46E-16	ST	PINE CK.	5/1964	900	6880	DISCHARGE EST.	ROBINSON ET AL 67
24	11N/46E-18DDB	ST	PINE CREEK	10/1980	500	7200		ERTEC 80
25	11N/47E- 4DB	ST	MOSQUITO CK.	10/1980	250	7000		ERTEC 80
26	10N/46E-28	ST	CORCORAN CYN.	4/1964	90	7200	DISCHARGE EST.	ROBINSON ET AL 67
27	10N/46E-28BC	ST	CORCORAN CYN.	10/1980	270	7250		ERTEC 80
28	10N/46E-35	ST	MEADOW CK.	4/1964	9.0	6950	DISCHARGE EST.	ROBINSON ET AL 67
29	9N/46E- 9	ST	MEADOW CK.	4/1964	180	7150	DISCHARGE EST.	ROBINSON ET AL 67
30	9N/47E-16	ST	BARLEY CK.	4/1964	900	7160	DISCHARGE EST.	ROBINSON ET AL 67
31	9N/47E-16AB	ST	BARLEY CK.	10/1980	560	7240		ERTEC 80
32	9N/47E-32DB	SP		10/1980	5.0	7400		ERTEC 80
33	8N/46E- 1A	SP		10/1980	0.0	7240	DISCHARGE=SEEP	ERTEC 80

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DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

DISCHARGE MEASUREMENTS, MONITOR VALLEY, NEVADA

30 NOV 81

TABLE D1-19

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	7N/66E-25DCC	SP		5/1980	1.0	6400	DISCHARGE <1GPM	ERTEC 80
2	5N/64E- 7DDD	SP	BIG MUD SPRING	5/1980	6.0	6380		ERTEC 80
3	5N/65E-10CAB	SP	HORSE CORRAL SPR.	5/1980	8.0	6360		ERTEC 80
4	5N/65E-15BBA	SP	NORTH MUD SPR.	5/1980	2.0	6400	DISCHARGE EST.	ERTEC 80
5	5N/65E-21ABB	SP		5/1980	3.0	6240	DISCHARGE 2-3GPM	ERTEC 80
6	5N/65E-32ADB	SP	MALLOY SPRING	5/1980	82			ERTEC 80
7	4N/65E- 4CCB	SP	LITTLE FIELD SPR.	5/1980	10.0	6150	DISCHARGE EST.	ERTEC 80
8	4N/65E-29CCD	SP	BAILEY SPRING	5/1980	2.0	6350	DISCHARGE 2-3GPM	ERTEC 80

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DISCHARGE MEASUREMENTS,
MULESHOE VALLEY, NEVADA

30 NOV 81

TABLE D1-20

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	23N/55E-26B	SP	COLD SPRING	11/1980	580	6200		ERTEC 80
2	23N/56E-36BBC	ST	WARM SPR. POND	11/1980	1800	5880	DISCHARGE EST.	ERTEC 80
3	22N/56E-16AA	SP		11/1980	0.0	5880	NO FLOW	ERTEC 80
4	22N/56E-21CC	SP		11/1980	15	5878		ERTEC 80
5	21N/56E- 5ACB	SP		11/1980	10.0	5870		ERTEC 80
6	21N/56E- 9BE	ST	DEADMAN CK.	11/1980	300	6040		ERTEC 80
7	21N/56E-16CD	ST		11/1980	150	6040		ERTEC 80
8	20N/56E-26BB	SP	BARREL SPRING	11/1980	1.0	5929	DISCHARGE <1GPM	ERTEC 80
9	20N/57E- 6A	SP	BECK SPRING	11/1980	20	6720	DISCHARGE EST.	ERTEC 80
10	18N/56E-16CCA	SP	SULPHUR SPRING	11/1980	1.0	6400		ERTEC 80
11	18N/57E-15AC	SP		11/1980	4.6	6430		ERTEC 80

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DISCHARGE MEASUREMENTS,
NEWARK VALLEY, NEVADA

30 NOV 81

TABLE D1-21

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	5S/61E-24DCC	SP	SIXMILE SPRING	5/1980	0.0		DRY	ERTEC 80

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DISCHARGE MEASUREMENTS,
PAHROC VALLEY, NEVADA

30 NOV 81

TABLE D1-22

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	2N/55E-19CDD	SP	QUINN CYN. SPR.	6/1980	55	6800		ERTEC 80
2	1N/56E- 9DAA	SP	MC CUTCHEN SPRING	6/1980	1.2	5800		ERTEC 80
3	1S/56E-12ADB	SP	WILD HORSE SPRING	6/1980	12	6200		ERTEC 80
4	2S/54E-16CAC	SP		6/1980	0.5	6080	DISCHARGE EST.	ERTEC 80
5	2S/55E-26DDA	SP	SAND SPRING	6/1980	0.0	4775	DRY	ERTEC 80
6	2S/57E-16EB	SP		6/1980	0.0	5950	DRY	ERTEC 80
7	2S/57E-22ACC	SP		6/1980	3.0	6400		ERTEC 80
8	2S/57E-22DAB	SP		6/1980	0.0	6400	DRY	ERTEC 80
9	2S/57E-28DDB	SP	SEEP SPRING	6/1980	4.0	6000	DISCHARGE EST.	ERTEC 80

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DEPARTMENT OF THE AIR FORCE
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DISCHARGE MEASUREMENTS,
PENOYER VALLEY, NEVADA

30 NOV 81

TABLE D1-23

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-26-18)16ADD	SP		11/1973	0.0	6405	SEEP	STEPHENS 76
2	(C-26-18)22CBB	SP	PINE SPRING	11/1973	0.2	6570		STEPHENS 76
3	(C-26-19) 3ABC	SP	MOUNTAIN HOME SPRING	11/1973	0.5	7150	DISCHARGE EST.	STEPHENS 76
4	(C-27-18)27DBA	SP	POTCH-IM-PO SPRING	11/1973	20	6340	DISCHARGE EST.	STEPHENS 76
5	(C-27-18)35CCB	SP	WILLOW SPRING	11/1973	3.0	6260		STEPHENS 76
6	(C-28-16)27CCC	SP	PINE GROVE SPRING	11/1973	15	6700	DISCHARGE EST.	STEPHENS 76
7	(C-28-16)27DDD	SP		/1955	5.0	7080	DISCHARGE EST.	STEPHENS 76
8	(C-28-18)16CDB	SP	VANCE SPRING	11/1973	60	6675	DISCHARGE EST.	STEPHENS 76
9	(C-28-18)27DDA	SP	BUCKHORN SPRING	/1955	10.0	6670	DISCHARGE EST.	STEPHENS 76
10	(C-28-18)32ADA1S	SP		11/1973	3.0	6920	DISCHARGE EST.	STEPHENS 76
1.	(C-28-18)32ADA2S	SP		11/1973	3.0	6920	DISCHARGE EST.	STEPHENS 76
12	(C-28-18)32CCA	SP		11/1973	7.0	7150	DISCHARGE EST.	STEPHENS 76
13	(C-28-18)32DAD	SP		11/1973	7.0	7000	DISCHARGE EST.	STEPHENS 76
14	(C-28-18)33BBD1S	SP		11/1973	3.0	6845	DISCHARGE EST.	STEPHENS 76
15	(C-28-18)33BBD2S	SP		11/1973	3.0	6835	DISCHARGE EST.	STEPHENS 76
16	(C-29-16)14CBB	SP		10/1972	0.0	7730	SEASONAL	STEPHENS 76
17	(C-29-16)16DBD	SP	WATER HOLLOW SPR.	11/1979	18	7320		ERTEC 79
18	(C-29-18)14DDD	ST	INDIAN CREEK	11/1973	56	6780	DISCHARGE EST.	STEPHENS 76
19	(C-29-18)16CCC	SP		11/1973	56	7860	DISCHARGE EST.	STEPHENS 76
20	(C-30-17)19DDC	ST	SHEEP CREEK	11/1979	4.0	6900		ERTEC 79

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DISCHARGE MEASUREMENTS,
PINE VALLEY, UTAH

30 NOV 81

TABLE D1-24

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	15N/55E-32DA	SP	NV.GOVERNORS SPR.	4/1972	0.0	6350	DRY	VAN DENBURGH ETAL 74
2	15N/57E-33CDB	SP	GREEN SPRING	11/1970	100		DISCH.>100GPM/EST.	VAN DENBURGH ETAL 74
3	14N/56E-14DDC	SP	BIG BULL SPRING	11/1970	400	5880		VAN DENBURGH ETAL 74
4	14N/56E-25BDC	SP	BULL CREEK SPR.		230	5800		VAN DENBURGH ETAL 74
5	14N/57E-22AAA	SP	BIRCH SPRING	11/1970	8.0	6250	DISCH.5-10GPM/EST.	VAN DENBURGH ETAL 74
6	13N/55E- 9BDC	SP	YOUNG FLORID SPRING	11/1970	0.3	6240		VAN DENBURGH ETAL 74
7	13N/56E-32BAC	SP	BIG WARM SPRING		5800	5605	AVE.DISCH.(1967-72)	VAN DENBURGH ETAL 74
8	13.5N/55E-29DDD	SP	BIG LOUIE SPRING	11/1970	1.0	6270		VAN DENBURGH ETAL 74
9	12N/55E- 9AAA	SP	MC CLURE SPRING		1.0	6310	DISCHARGE EST.	VAN DENBURGH ETAL 74
10	12N/56E- 5AC	SP	LITTLE WARM SPRING	3/1972	200	5590		VAN DENBURGH ETAL 74
11	12N/56E- 5CBD	SP		10/1971	50	5460	DISCHARGE EST.	VAN DENBURGH ETAL 74
12	12N/56E-10CCD	SP		10/1971	1.0	5580	DISCHARGE EST.	VAN DENBURGH ETAL 74
13	11N/55E-34DBC	SP	IKE SPRING	11/1970	1.0	6600		VAN DENBURGH ETAL 74
14	11N/56E-30DAA	SP	BRADSHAW SPRING		3.0	6020	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
15	11N/56E-31BCA	SP	INDIAN SPRING	8/1967	1.0	6180	DISCHARGE EST.	VAN DENBURGH ETAL 74
16	11N/56E-31CCD	SP	LEONAN SPRING		3.0	6300	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
17	11N/58E-15ACA	SP	SNOW(CRYSTAL)SPR.		3.0	6380	DISCH.1-5GPM/EST.	VAN DENBURGH ETAL 74
18	11N/58E-32BBC	SP	PASTRONI SPRING	10/1971	300	5360	DISCHARGE EST.	VAN DENBURGH ETAL 74
19	10N/58E- 8ADB	ST	CURRANT CREEK	2/1980	3200	5200		ERTEC 80
20	10N/58E- 9BC	SP		10/1971	200		DISCHARGE EST.	VAN DENBURGH ETAL 74
21	9N/57E- 3CCD	ST		2/1980	1500	4800	DISCHARGE EST.	ERTEC 80
22	8N/55E-14BCB	SP	HAY CORRAL SPR.	3/1972	450	4770		VAN DENBURGH ETAL 74
23	8N/55E-15AAA	SP	NORTH SPRING		170	4805	AVE.DISCH.(1967-72)	VAN DENBURGH ETAL 74
24	8N/55E-15ACD	SP	BIG SPRING	2/1980	370	4820		ERTEC 80
25	8N/55E-15ADD	SP	REYNOLDS SPRING		330	4770	AVE DISCH.(1967-72)	VAN DENBURGH ETAL 74
26	8N/57E-11AA	SP	TOM SPRING	11/1966	250	4750	DISCH. EST.	HESS ET AL 78
27	8N/57E-11DDB	SP	BLUE EAGLE SPRING	3/1972	1900	4765		VAN DENBURGH ETAL 74
28	8N/57E-14AC	SP	KATE SPRING	1/1935	14	4755	DISCHARGE EST.	VAN DENBURGH ETAL 74
29	8N/57E-27DAC	SP	BUTTERFIELD SPRING	11/1966	200	4750	DISCHARGE EST.	HESS ET AL 78
30	7N/55E-16DB	SP	CHIMNEY HAT SPRING	2/1980	12	4820		ERTEC 80
31	7N/57E-28ACB	SP	BULLWHACKER SPRING	2/1934	10.0	4760	DISCHARGE EST.	VAN DENBURGH ETAL 74
32	7N/57E-28CBD	SP	THORN SPRING	10/1971	75	4750	DISCHARGE 50-100GPM	VAN DENBURGH ETAL 74
33	6N/54E-11AA	SP	STORM SPRING	10/1971	5.0	4805	DISCHARGE EST.	VAN DENBURGH ETAL 74
34	6N/54E-11DC	SP	COYOTE HOLE SPR.	8/1967	2.0	4840	DISCHARGE EST.	VAN DENBURGH ETAL 74
35	6N/54E-23BD S	SP	ABEL SPRING	2/1980	350	4810	DISCHARGE EST.	ERTEC 80
36	6N/56E-24BDC	ST	TROY CANYON	2/1980	55	4870		ERTEC 80
37	6N/57E- 1B	SP		11/1970	1.0	6000		VAN DENBURGH ETAL 74
38	6N/57E- 5BAA	SP	WILLOW SPRING	2/1934	30	4750		VAN DENBURGH ETAL 74
39	3N/52E- 3D	ST		3/1980	1500	5100		ERTEC 80
40	3N/55E-27DB	SP		11/1970	5.0	7000	DISCHARGE EST.	VAN DENBURGH ETAL 74
41	1N/52E-22CB	SP	PYRAMID SPRING	8/1967	0.2	5820	DISCHARGE EST.	VAN DENBURGH ETAL 74
42	2S/51E-17A	SP	SUMMER SPRING		3.0	6700	DISCHARGE EST.	VAN DENBURGH ETAL 74
43	2S/51E-21DA	SP	CEDAR SPRING	8/1967	3.0	6540	DISCHARGE EST.	VAN DENBURGH ETAL 74

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MX SITING INVESTIGATION
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BMO/AFRCE-MX

DISCHARGE MEASUREMENTS,
RAILROAD VALLEY, NEVADA

30 NOV 81

TABLE D1-25

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	8N/44E-25AD	SP	KELLER SPR.	9/1980	1.0	6900	DISCHARGE <1GPM	ERTEC 80
2	8N/43E-34CD	ST	HUNTS CYN. CR.	10/1980	50	6550	DISCHARGE EST.	ERTEC 80
3	7N/43E-13DDA	SP	MUD SPRING	9/1980	0.0	7160	DRY	ERTEC 80
4	7N/43E-25BCA	SP	BAXTER SPRING	9/1980	12	6860		ERTEC 80
5	7N/44E-16CBD	SP	SPANISH SPR.	9/1980	0.0	6570	DISCHARGE=SEEP	EPTEC 80
6	5N/45E-21CB	SP	ANTELOPE SPRING	9/1980	0.5	6450		ERTEC 80

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BMO/AFRCE-MX

DISCHARGE MEASUREMENTS
RALSTON VALLEY, NEVADA

30 NOV 81

TABLE D1-26

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	3N/50E- 4AA		BLACK SP	12/1967	2.0	5900		THORDARSON ETAL 71
2	3N/50E- 7AAC	SP	RADUIM SP		0.0	6900		THORDARSON ETAL 71
3	3N/51E-18CDA S	SP	UNKN SPRING	7/1980	7.0	5440	MILL SEEP	ERTEC 80
4	3.5N/50E-33DB	SP	BLACK SPRING	7/1980	3.0	5925	DISCHARGE EST.	ERTEC 80
5	2N/50E-21CAC	SP	COTTONWOOD CYN. SPR.	7/1980	7.0	6480	DISCHARGE EST.	ERTEC 80
6	2N/50E-22DA	SP	CRYSTAL SPRING	8/1967	30	6080		MIFFLIN 68
7	2N/50E-23CBB	SP	REVEILLE MILL	7/1980	4.0	6060		ERTEC 80
8	2N/50E-28AA	SP	ROSE SPRING	8/1967	5.0	6300		MIFFLIN 68
9	2N/50E-28ACC	SP	REVEILLE MILL SPR.	8/1967	10.0	6400		MIFFLIN 68
10	1N/50E- 4AA0	ST	EDEN CREEK	7/1980	100	6440		ERTEC 80
11	1S/50E-14AA	SP	GEORGES WATER	7/1980	84	6900		ERTEC 80

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DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

DISCHARGE MEASUREMENTS
REVEILLE VALLEY, NEVADA

30 NOV 81

TABLE D1-27

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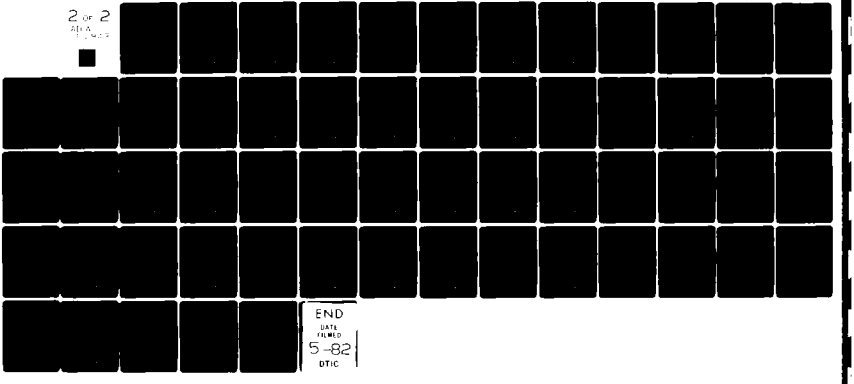

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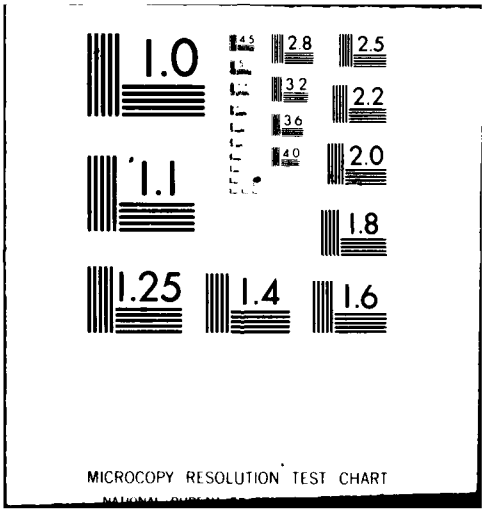
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ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C- 9- 7)28BC	SP		3/1965	1.0	5700	DISCHARGE EST.	STEPHENS ET AL 78
2	(C- 9- 7)28CAC	SP		5/1976	5.0	5770	DISCHARGE EST.	STEPHENS ET AL 78
3	(C- 9- 7)31DBB	SP		7/1964	0.2	6310	DISCHARGE EST.	STEPHENS ET AL 78
4	(C- 9- 8)15DBC	SP	WINTER SPRINGS-W	12/1965	3.0	6000	2 SPRS.COMBINED	STEPHENS ET AL 78
5	(C-10- 7) 8CAC	SP	CHERRY SPRINGS-W	7/1964	1.0	6490	DISCHARGE EST.	STEPHENS ET AL 78
6	(C-10- 7) 8CAD	SP	CHERRY SPRINGS-E	7/1964	40	6460	DISCHARGE EST.	STEPHENS ET AL 78
7	(C-10- 7)17A	SP		8/1964	0.5	6400	DISCHARGE EST.	STEPHENS ET AL 78
8	(C-10- 7)17BAB	SP		7/1964	8.0	6555	DISCHARGE EST.	STEPHENS ET AL 78
9	(C-10- 8) 2DBA	SP		7/1964	100	6900	DISCHARGE EST.	STEPHENS ET AL 78
10	(C-10- 8) 3ABA	SP	INDIAN SPRINGS-E	9/1965	2000	6680	2 SPRS.COMBINED/EST.	STEPHENS ET AL 78
11	(C-10- 8) 3ABB	SP	INDIAN SPRINGS-W	9/1965	2000	6580	2 SPRS.COMBINED/EST.	STEPHENS ET AL 78
12	(C-10- 8) 4ABB	SP		7/1964	35	6050	DISCHARGE EST.	STEPHENS ET AL 78
13	(C-10- 8) 5DBA	SP	COYOTE SPRINGS-N	/1955	250	5740	DISCHARGE EST.	STEPHENS ET AL 78

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MX SITING INVESTIGATION
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BMO/AFRCE-MX

DISCHARGE MEASUREMENTS, SEVIER DESERT, UTAH

30 NOV 81

TABLE D1-2R

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-12-18) 9DB	ST	GRANITE CREEK	8/1979	450	6800		ERTEC 79
2	(C-12-18)28CB	ST		8/1979	970	6600		ERTEC 79
3	(C-13-19)12AB	ST	WOODS CREEK	8/1979	850	6600		ERTEC 79
4	(C-14-18)22BD	SP		8/1979	10.0	4770	DISCHARGE EST.	ERTEC 79
5	(C-15-19)31BC	SP	WARM SPRINGS	11/1964	3600	5300	DISCHARGE EST.	HOOD ET AL 65
6	(C-15-19)31CB	ST	WARM CREEK	8/1979	6200	5300		ERTEC 79
7	(C-16-18)16DAD	SP	FOOTE RES. SPRINGS	10/1964	1300	4825	DISCHARGE EST.	HOOD ET AL 65
8	(C-16-18)22A	SP	BISHOP SPRING	/1911	2000	4850	STOCK & IRRIG.	SNYDER 63
9	(C-16-18)22CAB	SP	TWIN SPRING	10/1964	1600	4812	DISCHARGE EST.	NESS ET AL 78
10	(C-16-18)27A	SP	TWIN SPRING	/1911	0.0	4839	STCK & IRRIG/FLOW.	SNYDER 63
11	(C-16-19) 2BAA	SP	COLD SPRING		0.0	4855		HOOD ET AL 65
12	(C-17-19)21	SP	KELL SPRINGS	/1964	120	4910	DISCHARGE EST.	HOOD ET AL 65
13	(C-18-16)31	SP	CONGER SPRING		1.0	6760	DISCHARGE EST.	HOOD ET AL 65
14	(C-18-18) 8A	SP		10/1964	2.0	4853	DISCHARGE EST.	HOOD ET AL 65
15	(C-18-18)16ABB S	SP	KNOLL SPRINGS	10/1964	3.0	4870	DISCHARGE EST.	HOOD ET AL 65
16	(C-18-20)36	ST	HENDRYS CREEK	8/1979	380	5350		ERTEC 79
17	(C-22-19) 9	SP	BURBANK SPRING		0.0	5400	FLOWING	HOOD ET AL 65
18	17N/70E- 9A	ST	SMITH CREEK	8/1979	850	8000		ERTEC 79

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DISCHARGE MEASUREMENTS
SNAKE VALLEY, UTAH

30 NOV 81

TABLE D1-29

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	22N/66E-32	ST	SEIGEL CREEK	7/1964	890	6200		RUSH ET AL 65
2	21N/65E-23	ST	NORTH CREEK	7/1964	1000	7000		RUSH ET AL 65
3	20N/66E- 7	ST	MUNCY CREEK	7/1964	1900	7000		RUSH ET AL 65
4	20N/66E-33C	ST	KALAMAZOO CR.	6/1980	1800	6800		ERTEC 80
5	18N/66E-10	ST	BASSETT CREEK	7/1980	1400	6200		USGS 80
6	17N/66E- 3AB	ST	MC COY CREEK	6/1980	8500	7000		ERTEC 80
7	17N/66E-15AC	ST	TAFT CREEK	6/1980	5800	7200		ERTEC 80
8	17N/67E-25CA	SP	SO. MULICK SPR.		200	5600	DISCHARGE EST.	MIFFLIN 68
9	16N/66E-34BA	ST	CLEAVE CREEK	6/1980	12000	6240		USGS 80
10	15N/66E-21AC	SP	BASTAIN SPRING	6/1980	1700	6640	DISCHARGE EST.	ERTEC 80
11	13N/68E-17CB	ST	PINE CREEK	6/1980	2600	6880		ERTEC 80
12	13N/68E-32DB	ST	WILLIAMS CREEK	6/1980	4600	7220	DISCHARGE EST.	ERTEC 80
13	11N/67E- 1A	SP	SHOESHONE SPR.	4/1960	2.0	5780		RUSH ET AL 65
14	11N/67E- 1BC S	SP	SHOESHONE SPR.	6/1980	6.0	5775		ERTEC 80
15	11N/67E- 1CD	SP	SHOESHONE SPR.		300	5800	DISCHARGE EST.	MIFFLIN 68
16	11N/67E-12DA	SP	MINENA SPRING	6/1980	300	6160	DISCHARGE EST.	ERTEC 80
17	11N/68E- 4C	SP	WALLOW SPRING	6/1980	42000	6600	DISCHARGE EST.	ERTEC 80
18	11N/69E- 5CA	SP		6/1980	360	6080		ERTEC 80

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DISCHARGE MEASUREMENTS,
SPRING VALLEY, NEVADA

30 NOV 81

TABLE D1-30

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	15N/63E-16DDD	SP	LOURY SPRING	6/1980	8.0	7640		ERTEC 80
2	15N/64E- 5DBC	SP		6/1980	3.0	6680	DISCHARGE 2-5GPM	ERTEC 80
3	15N/64E-12ADA	ST	STEPTOE CK.	6/1980	15000	7020		ERTEC 80
4	15N/64E-14CAA	ST	STEPTOE CK	6/1980	16000	6800		ERTEC 80
5	15N/64E-17BAA	ST	STEPTOE CK.	6/1980	3000	6560	DISCHARGE EST.	ERTEC 80
6	15N/64E-28B1	SP	COMINS LK. SPRS.	9/1965	160	6550		EAKIN ET AL 67
7	15N/64E-29A	SP	COMINS LK. SPRS.	9/1965	160	6550		EAKIN ET AL 67
8	15N/65E- 5C	ST	N.FORK STEPTOE CK.	9/1965	2400	7200		EAKIN ET AL 67
9	15N/65E-10BDD	SP	CAVE SPRING	6/1980	100	7600	DISCHARGE EST.	ERTEC 80
10	14N/63E- 3DAA	ST		6/1980	20	7600		ERTEC 80
11	14N/63E-35A	SP	WILLOW CK. SPRS.	9/1965	630	7360	DISCHARGE EST.	EAKIN ET AL 67
12	14N/63E-36AAB	ST	WILLOW CREEK	6/1980	500	6900	DISCHARGE EST.	ERTEC 80
13	13N/63E-14D	SP	CABIN SPRING	9/1965	4.5	7320		EAKIN ET AL 67
14	13N/63E-14DAD	ST		6/1980	12	7200	DISCHARGE EST.	ERTEC 80
15	13N/65E-10BAB	SP	ROSEBUD SPRING	6/1980	16	7560		ERTEC 80
16	12N/63E- 1B	SP	WHITE ROCK SPR.	9/1965	1.5	7600		EAKIN ET AL 67
17	12N/63E- 2D	SP	WHITE ROCK SPR.	9/1965	1.5	7800		EAKIN ET AL 67
18	12N/63E-12A	SP	WHITE ROCK SPR.	9/1965	1.5	7400		EAKIN ET AL 67
19	12N/63E-12DBA	SP		6/1980	1.0	7300	DISCHARGE <1GPM	ERTEC 80
20	12N/63E-35BAB	SP	JONES SPRING	6/1980	1.0	7600	DISCHARGE EST.	ERTEC 80
21	12N/65E-11C	SP	COLD SPRING	9/1965	4.5	8500	ELEV. EST.	EAKIN ET AL 67
22	12N/65E-17DBC	SP	HORSECAMP SPRING	6/1980	1.0	7600	DISCHARGE <1GPM	ERTEC 80
23	12N/65E-21B	SP	HORSE CORRALS	9/1965	32	8000	ELEV. EST.	EAKIN ET AL 67
24	12N/65E-27A	SP	UPPER CAT.CAMP SPR.	9/1965	4.5	8200	ELEV. EST.	EAKIN ET AL 67
25	11N/63E- 4ABA	SP	HOLE-IN-BANK SPRING	6/1980	4.0	7880		ERTEC 80
26	11N/64E- 7DBD	SP		6/1980	1.0	7190	DISCHARGE <1GPM	ERTEC 80
27	11N/64E-12DCA	SP	LOWER SPRING	6/1980	3.0	7320		ERTEC 80

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DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

DISCHARGE MEASUREMENTS,
STEPTOE VALLEY, NEVADA

30 NOV 81

TABLE D1-31

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	6N/47E-25D	SP	WARM SPRING	9/1980	10.0	6230	DISCHARGE EST.	ERTEC 80
2	5N/46E-28CD	SP	WARM SPRING	9/1980	4.0	6500	DISCHARGE EST.	ERTEC 80
3	5N/47E-13BC	SP	POINT OF ROCK	9/1980	5.0	6040		ERTEC 80
4	5N/47E-26C	SP	SIDEHILL SPRING	9/1980	10.0		DISCHARGE EST.	ERTEC 80
5	4N/46E-35BB	SP	MUD SPRING	9/1980	24	6050		ERTEC 80
6	4N/47E-10AA	SP	FOUR MILE	9/1980	2.0	6100	DISCHARGE EST.	ERTEC 80
7	4N/48E- 8DD	ST		9/1980	280	5800		ERTEC 80
8	2N/47E-14AC	SP		9/1980	1.0	5600	DISCHARGE <1GPM	ERTEC 80

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DEPARTMENT OF THE AIR FORCE
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DISCHARGE MEASUREMENTS, STONE CABIN, NEVADA

30 NOV 81

TABLE D1-32

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-15-13)19ABA	SP	TUCK SPRING	8/1979	0.3	6050		ERTEC 79
2	(C-16-13)33ABB	SP	SINBAD SPRINGS	8/1979	7.0	7890		ERTEC 79
3	(C-16-15)13BAB1	SP	COYOTE SPRING	1/1976	100	4621	DISCHARGE EST.	STEPHENS 77
4	(C-17-13) 4BAA	SP	WILDHORSE SPRING	8/1979	0.1	7350		ERTEC 79
5	(C-17-16)28DBB	SP	SKUNK SPRING	11/1979	0.2	5510		ERTEC 79
6	(C-19-14) 5ADC	SP	PAINTER SPRING	8/1979	15	5520		ERTEC 79

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DISCHARGE MEASUREMENTS,
TULE VALLEY, UTAH

30 NOV 81

TABLE D1-33

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-27-13) 4DBB	SP	COOK SPRINGS		3.0	5780	DISCH.EST./DRY:10-72	STEPHENS 74
2	(C-27-13) 1CCC	SP	WAH WAH SPRINGS	10/1972	0.5	5450	DISCHARGE EST.	STEPHENS 74
3	(C-27-13) 2DDA	SP	WAH WAH SPRINGS	10/1972	0.0	5460	SEEP	STEPHENS 74
4	(C-27-13)11AAB	SP	WAH WAH SPRINGS	10/1972	5.0	5540	DISCHARGE EST.	STEPHENS 74
5	(C-27-13)11AAD	SP	WAH WAH SPRINGS	10/1972	10.0	5540	DISCHARGE EST.	STEPHENS 74
6	(C-27-13)11ABA	SP	WAH WAH SPRINGS	10/1972	450	5640	DISCHARGE EST.	STEPHENS 74
7	(C-27-13)12DDC	SP	WAH WAH SPRINGS	10/1972	10.0	5470	DISCHARGE EST.	STEPHENS 74
8	(C-27-13)12DC9	SP	WAH WAH SPRINGS	10/1972	20	5450	DISCHARGE EST.	STEPHENS 74
9	(C-28-13)18ADB	SP	ANTELOPE SPRING	8/1963	5.0	5530	DISCHARGE EST.	STEPHENS 74
10	(C-28-15)10ABB	SP	KILN SPRING	10/1972	5.0	5850	DISCHARGE EST.	STEPHENS 74
11	(C-28-15)25CCC	SP		6/1973	10.0	6040	DISCHARGE EST.	STEPHENS 74
12	(C-29-15) 2DAD	SP	WILLOW SPRING	6/1973	25	6150	DISCHARGE EST.	STEPHENS 74

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DISCHARGE MEASUREMENTS,
WAH WAH VALLEY, UTAH

30 NOV 81

TABLE D1-34

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	(C-16-13)23AD	SP	SNAZEY SPRING	11/1979	50	6200	DISCHARGE 50-100GPM	ERTEC 79
2	(C-16-13)34AD	SP	ANTELOPE SPRING	11/1979	160	6800		ERTEC 79

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DISCHARGE MEASUREMENTS
WHIRLWIND VALLEY, UTAH

30 NOV 81

TABLE D1-35

ID. NO.	TOWNSHIP RANGE-SECTION	SOURCE	STATION NAME	MO/YEAR MEASURED	DISCHARGE (GPM)	LAND ELEV (FT)	REMARKS	DATA SOURCE
1	12N/61E- 2AC	SP	PRESTON BIG SPR.	11/1966	3900	5750		HESS ET AL 78
2	12N/61E-12BC	SP	COLD SPRING	11/1966	780	5660		HESS ET AL 78
3	12N/61E-12D S	SP	NICHOLAS SPRING	11/1966	1100	5630		HESS ET AL 78
4	12N/61E-12DC	SP	ARNOLDSON SPRING	11/1966	1400	5630		HESS ET AL 78
5	11N/62E- 1AA	SP	LUND SPRING	6/1966	2800	6800		HESS ET AL 78
6	11N/62E-33AC	SP		8/1979	14	5600		ERTEC 79
7	10N/62E- 4AA	SP	SIX MILE SPRINGS	11/1966	180	5650		HESS ET AL 78
8	9N/61E-13C	SP	HARDY SPRINGS	11/1966	200	5350	DISCHARGE EST.	HESS ET AL 78
9	9N/61E-32D	SP	MORMON SPRING	11/1966	1900	5300		HESS ET AL 78
10	9N/62E-19AC	SP	EMIGRANT SPRINGS	7/1975	1400	5650		HESS ET AL 78
11	8N/63E-19ADA	SP	SHINGLE SPRING	8/1979	2.0	6565	DISCHARGE EST.	ERTEC 79
12	7N/62E-28AD	SP	BUTTERFIELD SPRINGS	11/1966	1100	5250		HESS ET AL 78
13	7N/62E-33BC	SP	FLAG SPRINGS	7/1975	1100	5250		HESS ET AL 78
14	6N/59E-18DA	SP	FOREST HOME SPRING	11/1966	430	6210	DISCHARGE EST.	HESS ET AL 78
15	6N/60E-25B	SP	MOON RIVER SPRING	8/1979	700	5230		ERTEC 79
16	6N/61E-18DA	SP	HOT CREEK SPRING	5/1949	6900	5220		HESS ET AL 78

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DISCHARGE MEASUREMENTS,
WHITE RIVER VALLEY, NEVADA

30 NOV 81

TABLE D1-16

APPENDIX E1

WATER QUALITY CRITERIA

CONSTITUENT		mg/l
Total Dissolved Solids	<	2000
Suspended Solids	<	2000
Iron	<	20
Sodium Sulphide	<	100
Sodium-Potassium Carbonates and Bicarbonates	<	1000
Sodium Chloride	<	20,000
Sodium Sulphate	<	10,000
Magnesium Sulphate	<	40,000
Magnesium Chloride	<	40,000

Reference: Portland Cement Association (1966)

NOTE: Waters with HCO_3 concentrations of 550 mg/l are listed as suitable for concrete manufacture. No upper limit was established by Portland Cement Association research (Mr. Frank Randall – Portland Cement Assoc. (1981) Per. Comm.).

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QUALITY CRITERIA FOR MIXING WATER FOR CONCRETE

30 NOV 81 TABLE EI-I

PRIMARY STANDARDS MAXIMUM CONTAMINANT LEVELS FOR INORGANIC CHEMICALS

CONTAMINANT	LEVEL, mg/l
ARSENIC	0.05
BARIUM	1.
CADMIUM	0.010
CHROMIUM	0.05
LEAD	0.05
MERCURY	0.002
NITRATE (AS N)	10.
SELENIUM	0.01
SILVER	0.05
FLUORIDE	TEMPERATURE DEPENDENT – IDENTICAL TO U.S. ENVIRONMENTAL PROTECTION AGENCY (1976)

SECONDARY STANDARDS CONTAMINANT LEVELS FOR INORGANIC CHEMICALS

CONTAMINANT	LEVEL, mg/l *	MAXIMUM LEVEL, mg/l **
CHLORIDE	250	400
COLOR	15 COLOR UNITS	–
COPPER	1.	–
FOAMING AGENTS	0.5	–
IRON	0.3	0.6
MAGNESIUM	125	150
MANGANESE	0.05	0.1
ODOR	3 THRESHOLD ODOR NUMBER	–
pH	6.5 - 8.5	–
SULFATE	250	500
TDS (Total Residue dried at 103 - 105° C)	500	1000
ZINC	5.	–

* These chemical substances should not be present in a public water supply in excess of the listed levels where, in the judgement of the health authority, other more suitable supplies are or can be made available. Such alternate supplies must be economically feasible, available under law in sufficient quantities and of a significantly higher quality.

** These chemical substances shall not be present in a public water supply in excess of the listed levels.

Reference: Nevada State Division of Health, 1977.

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

NEVADA DRINKING WATER STANDARDS

30 NOV 81

APPENDIX E1-2

PRIMARY STANDARDS MAXIMUM CONTAMINANT LEVELS FOR INORGANIC CHEMICALS

CONTAMINANT	LEVEL, mg/l
ARSENIC	0.05
BARIUM	1.0
CADMIUM	0.01
CHROMIUM	0.05
LEAD	0.05
MERCURY	0.002
NITRATE (AS N)	10.0
SELENIUM	0.01
SILVER	0.05
SULFATE	500
T D S	2000[1]
FLUORIDE	1.6[2]

SECONDARY STANDARDS MAXIMUM CONTAMINANT LEVELS FOR INORGANIC CHEMICALS

CONTAMINANT	LEVEL, mg/l
CHLORIDE	250
COLOR	15 COLOR UNITS
COPPER	1.
CORROSIVITY	NON-CORROSIVE
FOAMING AGENTS	0.5
IRON	0.3
MANGANESE	0.05
ODOR	3 THRESHOLD ODOR NUMBER
pH	6.5 – 8.5 pH UNITS
ZINC	5.

1. If T D S is greater than 1000 mg/l, "the supplier shall show (to the Utah State Bureau of Environmental Health) that no better water is available. The (state) shall not allow the use of an inferior source of water if a better source of water (i.e. lower in T D S) is available".

2. Recommended fluoride levels vary with annual average daily maximum air temperature. As this average has not been calculated for each valley, the lower limit set by the U.S. Environmental Protection Agency (1976) has been used.

Reference: Utah State Division of Environmental Health, 1980.

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
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UTAH DRINKING WATER STANDARDS

30 NOV 81

APPENDIX E1-3

APPENDIX F1

SELECTED WATER QUALITY DATA

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/50E-28D1	WE	5-64	HOT SPRING RANCH	22.0	319	9.1	--	--	ND	ND	72
2	18N/50E-28D2 S	SP	5-64	KLOBE SPRING	70.0	315	9.0	--	--	--	--	71
3	18N/51E-10B	WE	9-80		12.0	220	8.2	201	10.0	15	13	29
4	18N/51E-30BCA	WE	9-80		21.0	210	8.0	238	75	17	11	23
5	18N/51E-34DCB	WE	4-64	ARDANS WELL	16.0	355	8.2	--	--	31	15	21
6	17N/49E-34BB	SP	9-80	BALD MT. SPRING	8.0	155	7.6	168	63	11	5.7	11
7	16N/50E-29ADC	WE	4-64		19.0	481	8.7	--	--	53	19	22
8	14N/50E-15AC	SP	9-80		17.0	123	7.5	211	58	21	8.0	17

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.0	29	92	7.3	22	--	--	--	--	--	*5	ROBINSON ET AL 67
2	.0	26	94	7.1	22	--	--	--	--	--	*5	ROBINSON ET AL 67
3	4.0	0	159	9.4	16	.6	1.2	--	ND	15	*1	ERTEC 80
4	8.2	0	153	6.2	23	.7	.4	--	12	17	*1	ERTEC 80
5	.0	0	164	13	32	--	--	--	--	--	*5	ROBINSON ET AL 67
6	5.2	0	59	8.9	12	.3	.3	--	22	13	*1	ERTEC 80
7	--	14	212	9.0	48	--	--	--	--	--		ROBINSON ET AL 67
8	4.9	0	114	16	14	.4	.7	--	67	29	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
ANTELOPE VALLEY, NEVADA

30 NOV 81 TABLE F1-1

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/52E-23AA	SP	5-80	SQUAW WELLS SP.	10.0	600	7.5	--	14	66	23	29
2	8N/52E- 18D2	WE	8-68	NRC SITE	56.0	773	8.4	587	47	3.6	.2	200
3	8N/52E- 18D3	WE	8-68	NRC SITE	36.0	1020	8.3	707	44	3.4	.4	200
4	8N/52E-15BC2	WE	8-68	NRC SITE	30.0	494	7.4	452	28	6.6	1.4	120
5	8N/52E-15BC3	WE	10-68	NRC SITE	53.0	420	7.5	278	39	4.4	.6	94
6	8N/52E-15BC4	WE	10-68	NRC SITE	33.0	434	7.5	293	36	4.8	.6	94
7	8N/53E-16AC1	WE	1-69	NRC SITE	22.0	315	8.2	266	81	19	.6	46
8	8N/53E-16AC3	WE	1-69	NRC SITE	38.0	373	9.5	263	44	3.7	.1	87
9	8N/53E-29DA2	WE	5-81	USAF TEST WELL	19.0	245	7.0	166	46	21	1.2	27
10	8N/53E-29DA2	WE	5-81	USAF TEST WELL	18.0	228	7.0	97	23	22	1.8	27
11	8N/53E-33CC	WE	5-91		16.0	235	8.8	172	26	1.7	ND	56

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.0	0	256	30	78	.3	.1	--	--	--	*1	ERTEC 80
2	5.8	6	396	21	35	12	.7	370	820	--	*2	DINWIDDIE ET AL 71
3	1.6	9	554	25	37	18	.4	510	270	25	*2	DINWIDDIE ET AL 71
4	2.2	0	245	10.0	39	6.4	.5	370	4300	80	*2	DINWIDDIE ET AL 71
5	2.0	0	201	12	24	5.2	ND	150	55	6.0		DINWIDDIE ET AL 71
6	2.2	0	214	14	24	5.8	ND	210	75	15		DINWIDDIE ET AL 71
7	5.6	0	135	8.8	29	1.0	6.6	240	360	30	*2	DINWIDDIE ET AL 71
8	1.4	33	116	8.3	24	1.4	2.2	130	550	12	*2	DINWIDDIE ET AL 71
9	4.6	0	113	4.8	18	.6	1.9	--	50	20	*1	ERTEC
10	4.7	0	119	5.8	16	.5	1.8	200	30	ND	*1	ERTEC
11	.5	4	111	4.8	18	.7	.7	--	350	20	*1	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA BIG SAND SPRINGS VALLEY, NEVADA

30 NOV 81

TABLE F1-2

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	9N/42E-30A	ST	7-69	PEAVINE CREEK	--	220	7.9	--	--	23	5.0	17
2	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
3	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
4	9N/43E- 5CD	WE	8-68		--	460	8.2	--	--	50	14	16
5	9N/43E- 9BB	WE	8-68		--	420	7.9	--	--	40	14	17
6	9N/43E- 9BBB	WE	8-79		17.0	280	8.3	--	32	40	13	12
7	7N/40E-35CCC	WE	9-68		--	--	8.1	--	--	25	3.0	70
8	7N/42E-17C7	WE	8-68		--	490	7.9	--	--	33	5.0	47
9	6N/40E-13DAC	WE	8-79		16.0	350	8.2	--	43	26	30	45
10	3N/40E- 2DC	WE	10-68	MILLERS WELL	--	390	7.9	293	92	11	ND	63
11	3N/40E- 2DCC	WE	8-79	MILLERS WELL	22.0	260	8.4	--	81	9.9	.5	64
12	2N/39E- 2A	WE	6-67		--	1060	8.4	--	--	4.2	1.3	250
13	2N/39E-11C	WE	7-69	TONOPAH FLAT 1	--	1800	9.9	--	--	1.0	ND	370
14	2N/40E-10BBA	SP	8-79	WILLOW SPRINGS	24.0	560	8.1	--	37	94	13	60
15	1N/37E-14B	WE	7-69		--	2200	8.2	--	--	4.0	ND	430
16	1N/38E- 2A	WE	7-69	TONOPAH FLAT 2	--	5400	--	--	--	--	--	--
17	1N/38E- 3C	WE	7-69	TONOPAH FLAT 4	--	26000	9.0	--	--	7.0	15	6000
18	1N/38E- 6B	WE	7-69	EMIGRANT WELL	--	4500	8.0	--	--	68	2.0	910
19	1N/39E- 7BD	WE	7-69	ALLEN WELL	--	1800	8.4	--	--	9.0	5.0	370
20	1N/41E-26A	WE	10-13		--	--	--	--	--	17	9.0	130
21	1N/42E-34C	WE	1-67		15.0	459	8.1	--	--	16	5.6	78
22	1S/41E- 4C	WE	1-67	USGS NO.3	13.0	1730	--	--	--	--	--	--
23	1S/41E-26A	SP	1-67	ALKALI SPRING	60.0	1840	8.1	--	--	46	5.6	350
24	1S/41E-26ACD	SP	9-79	ALKALI HOT SPRINGS	49.0	3350	8.2	--	55	50	3.0	32
25	3S/42E-11B	WE	1-67		15.0	702	--	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.0	0	107	6.0	20	--	--	--	--	--	*5	RUSH ET AL 70
2	.0	0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
3	.0	0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
4	.0	0	172	7.0	65	--	--	--	--	--	*5	RUSH ET AL 70
5	.0	0	165	9.0	60	--	--	--	--	--	*5	RUSH ET AL 70
6	3.2	0	126	45	69	ND	.1	--	--	--	*1	ERTEC 79
7	.0	0	128	37	47	--	--	--	--	--	*5	RUSH ET AL 70
8	.0	0	132	15	74	--	--	--	--	--	*5	RUSH ET AL 70
9	1.1	0	151	12	62	.9	.1	--	--	--	*1	ERTEC 79
10	12	0	145	11	28	1.6	1.1	70	--	--	*2,*4	RUSH ET AL 70
11	11	0	136	12	34	1.8	.4	--	--	--	*1	ERTEC 79
12	.0	22	416	81	72	--	--	--	--	--	*5	RUSH ET AL 70
13	.0	218	141	150	107	--	--	--	--	--	*5	RUSH ET AL 70
14	22	0	211	38	85	.8	ND	--	--	--		ERTEC 79
15	.0	0	136	490	144	--	--	--	--	--	*5	RUSH ET AL 70
16	--	--	--	--	--	--	--	--	--	--		RUSH ET AL 70
17	.0	391	1490	7800	187	--	--	--	--	--	*5	RUSH ET AL 70
18	.0	0	59	660	1110	--	--	--	--	--	*5	RUSH ET AL 70
19	.0	19	416	210	163	--	--	--	--	--	*5	RUSH ET AL 70
20	.0	--	212	44	120	--	--	--	--	--	*5	RUSH 68
21	.0	--	166	24	61	--	--	--	--	--	*5	RUSH 68
22	--	--	--	--	--	--	--	--	--	--		RUSH 68
23	.0	0	348	68	492	--	--	--	--	--	*5	RUSH 68
24	21	0	317	55	494	8.2	ND	--	--	--		ERTEC 79
25	--	--	--	--	--	--	--	--	--	--		RUSH 68

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
BIG SMOKY VALLEY, NEVADA

30 NOV 81 TABLE F1-3

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	27N/62E-33C1	SP	8-67		--	360	8.2	--	--	44	21	3.0
2	26N/62E-15C1	SP	8-67	STRATTON SPR.	14.0	350	8.0	--	--	40	19	7.4
3	26N/62E-22A1	WE	8-67		--	350	8.3	--	--	44	18	8.0
4	26N/62E-22DB	ST	11-80		--	290	8.0	--	--	--	--	--
5	26N/62E-34AB	SP	11-80		2.0	350	7.8	241	7.8	65	11	4.1
6	26N/62E-35	ST	10-65	SNOW CREEK	10.0	200	8.1	--	--	27	10.0	87
7	25N/62E-17B1	WE	8-67	NINE MILE WELL	12.0	410	8.0	--	--	51	18	12
8	25N/62E-21	ST	10-65	PARIS CREEK	10.0	269	9.4	--	--	21	23	12
9	24N/61E-14C1	WE	9-65		13.0	534	8.1	--	--	37	29	32
10	23N/61E- 7D1	WE	9-65	PARIS WELL	8.0	373	8.4	--	--	25	20	37
11	22N/61E- 6C1	WE	8-67		9.0	298	9.2	--	--	28	18	15
12	22N/62E-21D1	SP	8-67		10.0	420	7.6	--	--	58	6.4	22
13	21N/61E- 6C1	WE	9-65		--	629	8.0	--	--	45	28	53
14	21N/62E-29D	SP	11-80		5.0	310	8.4	203	8.5	65	9.1	9.0
15	20N/60E-33B1	SP	8-67	THIRTY-MILE SPR.	9.0	230	7.7	--	--	26	5.1	16
16	20N/60E-36C	SP	11-80	30-MILE RANCH SPRING	7.0	200	8.0	166	38	24	4.1	11
17	19N/62E-30B1	ST	8-67		18.0	340	7.9	--	--	39	7.9	24
18	19N/62E-33D	SP	11-80		8.0	370	7.8	224	36	37	7.9	16

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.0	0	222	4.9	13	--	--	--	--	--	*5	GLANCY 68
2	.0	0	208	6.5	14	--	--	--	--	--	*5	GLANCY 68
3	.0	2	222	4.2	9	--	--	--	--	--	*5	GLANCY 68
4	--	--	--	--	--	--	--	--	--	--		ERTEC 80
5	.6	0	266	3.0	7	.1	.1	--	96	ND	*1	ERTEC 80
6	.0	0	126	4.8	19	--	--	--	--	--	*5	GLANCY 68
7	.0	0	240	7.9	20	--	--	--	--	--	*5	GLANCY 68
8	.0	7	158	5.4	26	--	--	--	--	--	*5	GLANCY 68
9	.0	0	159	58	64	--	--	--	--	--	*5	GLANCY 68
10	.0	9	201	11	28	--	--	--	--	--	*5	GLANCY 68
11	.0	0	154	11	32	--	--	--	--	--	*5	GLANCY 68
12	.0	0	210	16	24	--	--	--	--	--	*5	GLANCY 68
13	.0	0	122	140	47	--	--	--	--	--	*5	GLANCY 68
14	1.0	0	174	4.5	11	.1	.6	--	80	ND	*1	ERTEC 80
15	.0	0	124	6.9	8	--	--	--	--	--	*5	GLANCY 68
16	2.5	0	118	6.0	4	.1	.8	--	76	ND	*1	ERTEC 80
17	.0	0	178	12	19	--	--	--	--	--	*5	GLANCY 68
18	3.6	0	168	9.0	8	.1	.7	--	73	12	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
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*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
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*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
BUTTE VALLEY, NEVADA

30 NOV 81 TABLE F1-4

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/63E-25AAB	WE	3-80	URRUTIA WELL	4.0	510	7.2	--	--	51	12	10
2	9N/64E-16BAD	SP	3-80	CAVE VALLEY SPR.	12.0	180	7.3	--	2.1	16	4.0	5.1
3	8N/64E- 4ABD	WE	3-80	CV SEEDING WELL	--	4100	7.5	--	1.3	24	6.7	7.5
4	8N/64E-15BCB	WE	3-80	HARRIS WELL	10.0	468	7.3	--	1.1	49	13	6.2
5	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	263	49	34	20	13
6	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	249	50	35	20	13
7	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	254	49	34	20	13
8	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	263	49	34	20	13
9	7N/63E-14AB2	WE	10-80	USAF TEST WELL	11.0	--	--	--	--	--	--	--
10	7N/64E-33DCA	SP	8-79	SIDEHILL SPRING	17.0	--	7.6	740	--	31	--	11
11	6N/63E-19ADB	SP	5-79	HORSE SPRING	16.0	--	8.0	840	--	25	--	11

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.0	0	160	14	20	.2	2.4	--	--	--	*1	ERTEC 80
2	.6	0	80	3.2	9	.0	4.4	--	--	--	*1	ERTEC 80
3	1.4	0	120	8.9	4	.1	.4	--	--	--	*1	ERTEC 80
4	.9	0	200	2.5	ND	.0	1.2	--	--	--	*1	ERTEC 80
5	4.6	0	197	15	19	.1	1.3	--	--	--	*1	ERTEC 80
6	4.7	--	200	15	19	.1	1.3	--	--	--	*1	ERTEC 80
7	4.6	--	196	14	19	.1	1.4	--	ND	10.0	*1	ERTEC 80
8	4.6	--	197	15	19	1.0	1.3	--	--	--	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	60	--		ERTEC 80
10	.9	0	250	11	11	--	.3	--	--	--	*1,*4	BLM 80
11	1.2	5	280	16	15	--	1.2	--	--	--	*1,*4	BLM 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
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*2 NITRATE REPORTED AS NO3
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*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA CAVE VALLEY, NEVADA

30 NOV 81 TABLE F1-5

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/59E-10BD1	WE	9-80	USAF TEST WELL	23.0	443	8.1	256	24	64	15	6.0
2	3N/59E-10BD1	WE	12-80	USAF TEST WELL	23.0	430	7.7	253	35	38	18	18
3	1N/61E-29CA	SP	6-80	OCEANA SPRING	12.0	500	6.7	--	24	82	9.1	23
4	1S/59E-34CB2	WE	5-81	USAF TEST WELL	--	348	7.4	232	62	17	4.5	49
5	1S/59E-34CB2	WE	5-81	USAF TEST WELL	--	290	7.8	258	52	16	3.5	52
6	1S/59E-34CB2	WE	6-81	USAF TEST WELL	--	300	8.0	270	56	16	3.6	47
7	1S/59E-34CB2	WE	6-81	USAF TEST WELL	--	300	7.9	272	55	16	3.7	47

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.9	1	255	7.3	18	.4	1.2	--	--	--	*2	ERTEC 80
2	4.0	0	221	5.0	20	.5	ND	--	--	--		ERTEC 80
3	2.0	0	303	16	26	.2	6.2	--	--	--	*2	ERTEC 80
4	5.9	--	159	9.0	24	.3	.8	200	30	ND	*2	ERTEC
5	5.9	--	134	9.0	25	--	3.6	10.0	15	ND	*2	ERTEC
6	6.3	--	136	11	26	.4	3.8	100	40	ND	*2	ERTEC
7	6.3	--	136	11	26	.4	3.9	100	20	ND	*2	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
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*2 NITRATE REPORTED AS NO3
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ND = NOT DETECTED

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The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
COAL VALLEY, NEVADA

30 NOV 81 TABLE F1-6

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	PD YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3S/62E-25AB	SP	5-80	PAHROC SPRING	15.0	190	7.0	--	23	28	7.6	13
2	5S/62E-34BD	SP	5-80	TWIN SPRINGS	13.0	365	7.9	--	63	33	84	20
3	5S/64E- 2C	SP	5-80	GRASSY SPRING	11.0	650	7.2	--	48	67	15	36
4	6S/63E-12ADA1	WE	5-80	USAF TEST WELL	26.0	285	--	213	31	21	5.2	42

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.0	0	151	12	12	.2	.6	ND	ND	ND	*1	ERTEC 80
2	2.1	0	[illegible]	11	20	.1	.6	--	--	--	*1	ERTEC 80
3	.5	0	[illegible]	36	56	.2	3.5	--	--	--	*1	ERTEC 80
4	2.7	[illegible]	[illegible]	5.1	25	.5	.9	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER [illegible] ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED [illegible]. SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LO[illegible] ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CO[illegible] REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWIN[illegible]ENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON [illegible] MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS +N
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
DELAMAR VALLEY, NEVADA

30 NOV 81 TABLE F1-7

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	NO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/63E-27CA	WE	12-80	USAF TEST WELL	27.0	650	7.3	366	24	76	30	18
2	3N/65E-21DBA	WE	-15	BRISTOL WELL	--	--	--	--	49	76	33	37
3	3N/65E-31CC	SP	8-79		24.0	470	6.8	--	43	40	10.0	21
4	2N/63E-13CBA	SP	8-79	COYOTE SPRING	20.0	550	6.8	--	79	82	13	49
5	2S/63E-22BC	SP	5-80	WHEATGRASS SPR.	13.0	415	7.0	--	--	--	--	--
6	2S/64E- 8BDB	SP	8-79		26.0	463	6.9	--	44	83	10.0	53
7	3S/63E- 5CB	SP	5-80	LITTLE BOULDER SPR.	13.0	250	6.8	--	19	28	7.9	12
8	3S/64E-12AC2	WE	4-80	USAF TEST WELL	24.0	480	7.9	292	1.4	20	10	76
9	4S/64E-24BA	SP	5-80	SEVEN OAK SPR.	8.0	815	7.6	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	6.5	0	404	5.0	20	.6	ND	--	--	--		ERTEC 80
2	.0	0	187	110	71	--	32	--	--	--	*2,*5	EAKIN 63
3	2.5	0	214	17	21	.2	.4	--	--	--	*1	ERTEC 79
4	7.6	0	282	25	25	.5	ND	--	--	--		ERTEC 79
5	--	0	351	--	--	--	--	--	--	--		ERTEC 80
6	7.1	0	320	30	34	.4	1.4	--	--	--	*1	ERTEC 79
7	3.0	0	137	9.0	15	.1	.2	--	--	--	*1	ERTEC 80
8	5.2	1	218	21	44	--	6.7	--	190	--	*1,*4	ERTEC 80
9	--	0	303	--	--	--	--	--	--	--		ERTEC 80

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DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
DRY LAKE VALLEY, NEVADA

30 NOV 81 TABLE F1-8

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C- 9-10)21DDB	RE	9-64		13.5	2120	8.1	1290	13	13	12	450
2	(C- 9-11)32DDA	WE	12-65		19.5	16200	7.3	9500	28	410	150	2800
3	(C-10- 9) 8CCC	WE	12-64		15.5	1550	7.6	890	38	100	37	160
4	(C-10-10) 2DCC	WE	9-74		18.0	2050	7.7	1130	38	87	38	250
5	(C-10-10)23CA	RE	7-64	N.TABLE MT.RES.	21.5	874	7.8	530	20	33	10.0	140
6	(C-10-10)31BBB	WE	12-65		24.5	6230	7.4	3400	45	110	34	1100
7	(C-11-10) 5ABB	RE	7-64	E.DUGWAY RESERVOIR	23.5	749	7.6	525	33	36	10.0	120
8	(C-11-10)34DCD	WE	9-64		--	3370	7.4	1910	30	310	61	290
9	(C-11-11)12ABA	WE	12-64		--	9030	8.2	5280	28	180	53	1700
10	(C-12-10)35BAA	SP	11-79	KANE SPRING	16.0	1900	7.1	--	27	230	72	320

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	21	0	664	290	161	2.2	.7	1100	1400	10.0	*2	STEPHENS ET AL 78
2	270	0	251	5500	158	2.0	3.6	1100	9600	220	*2	STEPHENS ET AL 78
3	10.0	0	196	360	82	.5	3.3	150	160	10.0	*2	STEPHENS ET AL 78
4	24	0	205	490	92	.5	3.1	210	160	10.0	*3	STEPHENS ET AL 78
5	29	0	365	99	19	.3	1.9	310	170	ND	*2	STEPHENS ET AL 78
6	110	0	200	1900	61	2.1	8.2	1100	610	50	*2	STEPHENS ET AL 78
7	11	0	194	43	173	.8	.3	460	440	40	*2	STEPHENS ET AL 78
8	8.3	--	124	980	160	1.1	1.0	250	--	--	*2	STEPHENS ET AL 78
9	140	0	248	3000	95	2.7	6.3	560	--	--	*2	STEPHENS ET AL 78
10	4.0	0	127	700	139	1.0	.4	--	--	--	*2	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
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ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA DUGWAY VALLEY, UTAH

30 NOV 81 TABLE F1-9

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-10-14)33C	SP	7-67		60.5	31200	7.4	22900	33	760	220	7100
2	(C-10-14)33CDC	SP	8-76	WILSON HOT SPRING	56.0	34700	7.2	22400	33	760	220	7600
3	(C-11-14) 30BD	SP	8-76	NORTH SPRING	23.5	5000	7.3	--	20	120	69	800
4	(C-11-14)11BCB	SP	11-79	DEADMAN SPRING	9.5	3100	7.6	--	23	43	120	610
5	(C-11-14)23ACA	SP	3-56	HOUSE SPRING	24.0	3070	7.2	--	--	--	--	--
6	(C-11-14)23DBD	SP	3-56	THOMAS SPRING	25.0	3160	7.2	--	--	--	--	--
7	(C-11-14)23DDC1S	SP	3-56	MIDDLE SPRING	22.0	3100	7.3	1910	--	100	54	--
8	(C-11-14)23DDC1S	SP	8-76	MIDDLE SPRING	27.0	3120	7.3	1910	19	100	54	480
9	(C-11-14)26AAA	SP	3-56	LOST SPRING	25.5	3160	7.6	--	--	--	--	--
10	(C-11-14)26ADD	SP	11-79	SOUTH SPRING	26.0	2600	7.2	--	20	48	89	380
11	(C-12-12)10CBC1S	SP	8-76	WILD HORSE SPRING	22.0	8400	7.3	4780	31	690	170	870
12	(C-12-13)12CAA	WE	9-56		--	4600	8.0	--	--	--	--	870
13	(C-12-14)23DCC1S	SP	8-76		20.0	10000	7.3	6130	21	300	120	1700
14	(C-13-12) 5CBD	WE	6-77		16.5	2890	--	1740	3.2	130	20	410
15	(C-14-12) 4CBC	WE	4-77		23.0	4050	--	2370	52	110	72	650

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	18	0	178	12000	1560	4.0	--	2600	--	--		BOLKE ET AL 78
2	250	0	187	12000	1500	1.8	.1	3100	40	80	*3	BOLKE ET AL 78
3	53	0	297	1200	400	1.1	.1	930	20	ND	*3	BOLKE ET AL 78
4	39	0	285	1100	506	.8	.1	--	--	--	*1	ERTEC 79
5	--	0	316	--	--	--	--	--	--	--		BOLKE ET AL 78
6	--	0	321	--	--	--	--	--	--	--		BOLKE ET AL 78
7	--	--	316	--	--	--	--	--	--	--		BOLKE ET AL 78
8	45	--	311	670	390	1.2	.1	860	20	10.0	*3	BOLKE ET AL 78
9	--	0	320	--	--	--	--	--	--	--		BOLKE ET AL 78
10	29	0	283	250	435	.7	.2	--	--	--	*3	ERTEC 79
11	18	--	227	2500	390	2.9	1.9	490	120	100	*3	BOLKE ET AL 78
12	--	3	570	1100	360	--	ND	--	--	--	*3	BOLKE ET AL 78
13	100	--	493	3130	540	.9	ND	1500	60	240		BOLKE ET AL 78
14	5.1	--	180	610	340	.6	23	320	150	20	*3	BOLKE ET AL 78
15	23	--	360	980	300	.4	.6	1100	20	10.0	*3	BOLKE ET AL 78

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

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BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
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ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA FISH SPRINGS FLAT VALLEY, UTAH

30 NOV 81 TABLE F1-10

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	3N/56E-23AA	ST	6-80	PINE CREEK	13.0	305	7.6	181	16	48	17	7.3
2	3N/56E-32A	ST	6-80	COTTONWOOD CK	13.0	205	8.0	156	22	42	9.7	11
3	3N/57E-16C	ST	6-80	CHERRY CREEK	13.0	375	8.0	275	30	56	24	15
4	3N/57E-16D	SP	6-80		11.0	430	6.7	--	32	67	24	17
5	3N/58E-15B1	WE	6-80		8.0	365	7.1	--	32	34	30	10.0
6	2N/56E-23B	SP	6-80	BARTON SP.	21.0	530	7.1	--	--	--	--	--
7	2N/57E-22BA2	WE	11-80	USAF TEST WELL	20.0	--	--	225	30	38	9.8	24
8	2N/58E-16C	WE	6-80		--	430	7.4	--	16	44	10.0	22
9	2N/59E-17A	SP	6-80	WATER GAP	19.0	445	8.4	236	28	40	25	15
10	1N/57E-20	SP	6-80	GOLD CREEK SPR.	12.5	660	7.0	--	23	100	17	30
11	1S/57E- 3A1	WE	6-80		--	305	8.0	--	23	11	3.4	90

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.0	0	223	2.8	11	.6	.0	--	--	--	*1	ERTEC 80
2	1.2	0	156	4.1	13	.7	.0	--	--	--	*1	ERTEC 80
3	2.6	0	272	5.6	18	.3	.4	--	--	--	*1	ERTEC 80
4	3.4	0	327	10.0	21	.3	.9	--	--	--	*1	ERTEC 80
5	4.1	0	249	6.1	15	.3	1.4	--	--	--	*1	ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	1.7	--	180	10	24	.3	.1	--	20	20	*1	ERTEC 80
8	2.0	0	205	9.5	28	.1	2.7	--	--	--	*1	ERTEC 80
9	2.6	0	273	7.9	21	.3	.2	--	--	--	*1	ERTEC 80
10	3.0	0	386	15	55	.7	3.6	--	--	--	*1	ERTEC 80
11	4.0	0	205	9.5	21	.8	9.4	--	--	--	*1	ERTEC 80

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BORON IRON MANGANESE

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
GARDEN VALLEY, NEVADA

30 NOV 81 TABLE F1-11

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-22-19) 6BCA	WE	8-79	BOSWELL RANCH	13.0	540	6.8	134	18	79	3.0	15
2	(C-22-19)32ADA	SP	8-79	CLAY SPRING	14.0	638	7.6	88	12	69	37	11
3	(C-23-19) 9	SP	11-54	BURBANK SPRING	14.0	687	7.4	419	--	81	32	14
4	(C-23-19)20DBC	WE	8-79	DAVIES RANCH	14.0	490	7.6	124	40	51	31	35
5	(C-24-20) 1DBA	SP	7-79	NEEDLE POINT SPR.	16.0	225	8.0	237	44	29	16	17
6	(C-28-19)36BCC	SP	8-79	RYAN SPRING	16.0	470	7.7	373	39	83	7.2	27
7	(C-30-20)26D	SP	8-79	LOG CABIN SPRING	20.0	335	--	373	59	43	5.1	21
8	(C-32-18)15CAA	SP	8-79	SPANISH GORGE SPR.	10.0	--	--	--	52	79	17	23
9	(C-32-19)22DCB	WE	8-79		12.0	250	--	168	34	35	6.4	13
10	(C-32-20)24DAC	SP	8-79	CANYON SPRING	18.0	285	--	246	17	35	7.8	11
11	15N/68E-36CA	SP	8-79	WILLOW PATCH SPR.	12.0	725	7.1	291	17	93	23	42
12	13N/69E-13DCB	ST	8-79	LEHMAN CREEK	10.0	390	8.0	249	4.8	5.9	.9	1.4
13	13N/69E-14BBD	SP	8-79	ROLAND SPRING	9.0	140	7.4	89	7.0	22	2.5	5.4
14	13N/70E- 6CDC	WE	8-79	(UPPER WELL)	13.0	165	6.5	252	15	20	3.1	4.4
15	13N/70E- 9BDD	WE	8-79	GONDER WELL	13.0	170	7.2	257	13	23	3.3	13
16	13N/70E-10ABA	WE	7-79	BAKER (LOWER WELL)	14.0	125	8.3	96	27	19	2.0	10.0
17	13N/70E-10CAD S	SP	8-79	BAKER RANCH SPRING	13.0	120	7.6	--	16	16	1.4	7.0
18	13N/70E-14CCA	WE	8-79		15.0	150	9.2	118	20	18	1.9	10
19	13N/70E-13BBD	ST	7-79	BAKER CREEK	13.0	44	7.2	392	7.0	6.7	1.1	1.8
20	12N/70E-15CCB	SP	8-79	SPRING CREEK SPRING	13.0	345	7.6	441	7.8	55	8.2	6.0
21	12N/70E-17BAA	ST	7-79	SNAKE CREEK	14.0	115	7.9	56	15	21	2.1	3.6
22	11N/69E-25ABA	SP	8-79	SOUTH SPRING	11.0	465	7.4	345	6.0	68	30	2.4
23	10N/70E-33BAD	SP	11-64	BIG SPRING	19.0	401	7.8	216	--	47	20	6.0
24	9N/70E-34D	WE	11-64	MILLERS CROSSING	--	383	8.1	--	--	41	14	20
25	8N/69E-15BBD	WE	11-64		--	397	8.1	--	--	38	16	--
26	8N/69E-35DC2	WE	9-80	USAF TEST WELL	18.0	440	7.8	266	26	32	18	25
27	5N/70E-11DAA	SP	8-79	HERMITAGE SPRING	16.0	490	--	373	55	80	11	27

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.5	0	393	12	21	.1	3.6	--	--	--	*1,*4	ERTEC 79
2	2.1	0	219	2.5	8	.1	.2	--	--	--	*1,*4	ERTEC 79
3	.0	--	222	8.0	157	--	.7	--	--	--	*2,*5	HOOD ET AL 65
4	3.6	0	260	44	56	.6	.6	--	--	--	*1,*4	ERTEC 79
5	3.4	0	150	22	27	.3	2.3	--	--	--	*1,*4	ERTEC 79
6	.6	0	267	32	21	.1	ND	--	--	--	*4	ERTEC 79
7	2.3	0	146	29	11	.1	.1	--	--	--	*1,*4	ERTEC 79
8	1.6	0	290	38	16	.2	1.1	--	--	--	*1	ERTEC 79
9	2.4	0	146	11	9	.2	1.4	--	--	--	*1,*4	ERTEC 79
10	1.8	0	141	15	10	.2	.1	--	--	--	*1,*4	ERTEC 79
11	.5	0	340	66	28	.2	1.0	--	--	--	*1,*4	ERTEC 79
12	.3	0	24	.5	5	ND	.1	--	--	--	*1,*4	ERTEC 79
13	.9	0	92	4.0	5	.1	.1	--	--	--	*1,*4	ERTEC 79
14	.6	0	87	13	155	1.9	.3	--	--	--	*1,*4	ERTEC 79
15	1.2	0	66	30	6	.1	.2	--	--	--	*1,*4	ERTEC 79
16	.8	0	75	3.0	18	.1	.3	--	--	--	*1,*4	ERTEC 79
17	.7	0	73	4.0	ND	--	.2	--	--	--	*1	ERTEC 79
18	.9	0	90	2.3	35	.1	.1	--	--	--	*1,*4	ERTEC 79
19	.6	0	28	.5	24	.1	.1	--	--	--	*1,*4	ERTEC 79
20	1.0	0	214	6.0	9	.1	.6	--	--	--	*1,*4	ERTEC 79
21	.5	0	89	1.0	9	.1	ND	--	--	--	*4	ERTEC 79
22	.5	0	350	3.0	5	ND	1.0	--	--	--	*1,*4	ERTEC 79
23	.0	--	233	3.7	8	.2	2.2	ND	--	--	*2,*5	HOOD ET AL 65
24	.0	--	152	28	40	--	--	--	--	--	*5	HOOD ET AL 65
25	--	--	192	21	36	--	--	--	--	--		HOOD ET AL 65
26	4.7	0	193	18	28	.9	.7	--	--	--	*1	ERTEC 80
27	2.4	0	306	23	19	.2	ND	--	--	--	*4	ERTEC 79

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The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA HAMLIN VALLEY, UTAH

30 NOV 81 TABLE F1-12

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/51E-34DCC	WE	6-67	UCE-17	32.0	330	8.2	230	39	15	1.7	68
2	10N/51E-34DCC	WE	6-67	UCE-17	--	588	8.0	425	16	11	.6	130
3	10N/51E-34DCC	WE	6-67	UCE-17	--	398	8.3	333	69	7.6	.6	96
4	10N/51E-34DCC	WE	6-67	UCE-17	--	854	7.5	641	13	23	1.9	180
5	10N/51E-34DCC	WE	6-67	UCE-17	--	405	8.1	335	69	49	12	39
6	10N/51E-36BAB	RE	7-80	MOORES STA. RES.	20.0	340	7.9	196	45	31	9.5	21
7	9N/51E- 8BA	SP	8-67	SO. CYN. SPRING	12.0	260	7.6	165	25	--	--	7.3
8	9N/51E-22AAB	WE	7-67	MTN-1	33.0	567	8.4	402	68	12	.4	110
9	9N/51E-22AAB	WE	8-67	MTN-1	33.0	682	8.7	324	62	4.7	2.0	110
10	9N/51E-22AAB	WE	8-67	MTN-1	24.5	218	7.7	172	25	8.7	.6	39
11	9N/51E-34DCB	WE	1-68	UCE-20	34.0	791	7.6	470	50	5.8	.1	140
12	9N/49E-21CDC	SP	7-67	UPPER WARM SPRING	35.0	192	7.6	148	46	4.7	.1	38
13	8N/49E-24D	SP	8-65		33.5	462	8.0	152	--	18	26	52
14	8N/49E-25BA	SP	5-77	OLD DUGAN HOT SPR.	36.0	699	7.7	444	32	70	22	60
15	8N/50E-12CDD	ST	7-80	6-MILE CYN-S.	21.0	320	7.8	206	30	39	9.0	
16	8N/50E-29D	ST	8-65	HOT CREEK CYN.	34.5	718	8.2	140	--	13	26	
17	8N/50E-29DDA	SP	7-67	HOT CK.RANCH SPR.	67.0	1010	8.1	721	.2	33	9.5	
18	8N/50E-29DDA	SP	9-73	HOT CK.RANCH SPR.	63.0	1101	8.0	823	140	51	15	
19	8N/50E-33BA	WE	8-67		--	1020	7.9	666	66	--	--	
20	8N/50E-33BA	WE	9-68		--	994	8.2	645	--	--	--	
21	8N/50E-33BAB	ST	7-80	HOT CREEK	21.0	1110	8.5	--	--	--	--	
22	8N/50E-33BBA	SP	7-80	COLD SPRING RANCH	15.0	980	6.8	--	--	--	--	-
23	8N/51E- 18C	WE	6-67		33.5	1300	8.4	--	54	4.2	1.0	330
24	8N/51E- 19CB	WE	6-67	UCE-18	46.0	3250	8.5	2130	55	2.2	.2	890
25	8N/51E- 19CB1	WE	6-67	UCE-19	40.5	1510	8.4	950	58	8.2	1.2	390
26	8N/51E- 18CB1	WE	6-67	UCE-18	--	3470	8.6	2250	46	2.0	.4	950
27	8N/51E- 19CB1	WE	6-67	UCE-18	48.0	3300	8.6	2190	58	1.2	.6	880
28	8N/51E- 19CB1	WE	6-67	UCE-18	41.5	3230	7.8	2180	66	3.0	.8	880
29	8N/51E- 18CB1	WE	6-67	UCE-18	53.5	3300	8.5	2170	60	1.8	.2	880
30	8N/51E- 19CB1	WE	6-67	UCE-18	46.0	3250	8.5	2150	55	2.2	.2	890
31	8N/51E- 19CB1	WE	6-67	UCE-18	54.5	3220	8.5	2180	52	2.6	.2	880
32	8N/51E- 18CB1	WE	6-67	UCE-18	33.5	1300	8.4	852	54	4.2	1.0	330
33	8N/51E- 18CB1	WE	6-67	UCE-18	37.0	2070	8.4	1340	60	6.6	1.4	540
34	8N/51E- 18CC	WE	6-67		33.5	1300	8.4	852	54	4.2	1.0	330
35	8N/51E- 5BAB	SP	7-30	MOBBLE SPR.AQUDT.	21.0	285	7.7	--	--	--	--	--
36	8N/51E-34C	WE	3-69	MTN-5	28.0	314	7.5	301	59	29	3.5	33
37	8N/51E-34CAC	WE	7-80	SIX MILE WELL	18.0	345	7.1	250	62	44	6.8	17
38	8N/51E-34CAC	WE	9-80	SIX MILE WELL	17.0	363	7.4	233	52	[illegible]	9.6	15
39	7N/50E-19DCC	SP	7-80	KEYSTONE SPRING	17.0	545	7.3	320	16	[illegible]	35	10.0
40	7N/50E-19DCC	SP	9-80	KEYSTONE SPRING	17.0	540	7.3	320	9.4	56	37	10.0
41	7N/50E-23D	SP	10-65	BLUE JAY SPRING	--	2540	6.5	1740	--	35	54	560
42	7N/51E- 9AA	WE	6-80		19.0	875	[illegible]	621	72	46	26	120
43	7N/51E-10AD1	WE	9-80	USAF TEST WELL	19.0	280	[illegible]	225	[illegible]	22	4.7	34
44	7N/51E-10AD1	WE	10-80	USAF TEST WELL	18.0	282	[illegible]	195	[illegible]	43	3.8	53
45	7N/51E-10AD1	WE	10-80	USAF TEST WELL	19.0	280	[illegible]	204	[illegible]	19	3.6	33
46	7N/51E-10AD1	WE	10-80	USAF TEST WELL	19.0	280	[illegible]	207	--	18	4.9	320
47	7N/52E-13DAD	SP	7-80	RATTLESNAKE SPR.	17.0	218	--	--	--	--	--	--
48	7N/52E-31BBD	SP	7-80	ICEBERG SPRING	12.0	225	6.1	--	--	--	--	--
49	6N/49E-17BAD	SP	7-80	WILLOW SPRING	14.5	472	6.4	299	37	72	13	27

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SELECTED WATER QUALITY DATA
HOT CREEK VALLEY, NEVADA
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ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.2	0	173	14	19	1.1	2.8	--	220	90	*2	DINWIDDIE ET AL 71
2	7.4	0	203	15	100	5.8	2.2	--	30	60	*2	DINWIDDIE ET AL 71
3	4.2	3	195	16	44	.4	3.0	--	20	20	*2	DINWIDDIE ET AL 71
4	7.2	0	213	13	258	<.7	2.6	--	70	330	*2	DINWIDDIE ET AL 71
5	10.3	0	222	10.0	44	.4	3.0	--	30	270	*2	DINWIDDIE ET AL 71
6	4.7	0	166	9.3	21	.4	ND	--	--	--		ERTEC 80
7	1.0	0	137	2.6	20	.3	1.0	40	--	--	*2	THORDARSON ET AL 71
8	1.2	5	247	20	34	2.6	ND	1.9	290	ND		DINWIDDIE ET AL 71
9	2.7	1	225	15	36	5.2	ND	1400	1100	20		DINWIDDIE ET AL 71
10	3.9	0	116	4.4	11	.9	.1	100	420	20	*2	DINWIDDIE ET AL 71
11	1.6	0	112	93	95	26	ND	--	140	30		DINWIDDIE ET AL 71
12	.3	0	80	7.0	19	.6	1.3	100	10.0	--	*2	GARSIDE ET AL 79
13	--	0	204	22	64	--	--	--	--	--	*5	RUSH ET AL 66
14	6.8	0	353	19	55	1.0	--	330	10.0	--		GARSIDE ET AL 79
15	1.8	0	186	7.2	24	.3	--	--	--	--		ERTEC 80
16	--	0	340	33	81	--	--	--	--	--	*5	RUSH ET AL 66
17	1.4	0	401	27	64	8.3	.2	520	40	120	*2	GARSIDE ET AL 79
18	13	0	545	42	96	9.0	--	--	40	90		GARSIDE ET AL 79
19	14	0	470	41	108	5.0	.2	390	--	--	*2	USGS 79
20	--	0	467	--	--	--	--	--	--	--		USGS 79
21	--	0	--	--	--	--	--	--	--	--		ERTEC 80
22	--	--	--	--	--	--	--	--	--	--		ERTEC 80
23	5.7	6	556	67	47	17	.1	13	300	1.0	*2	GARSIDE ET AL 79
24	9.2	41	1920	74	53	60	1.0	--	--	--	*2	DINWIDDIE ET AL 71
25	7.6	16	790	64	47	19	.4	2300	470	90	*2	DINWIDDIE ET AL 71
26	8.6	59	2050	80	50	62	.2	2300	100	180	*2	DINWIDDIE ET AL 71
27	8.5	67	1900	71	49	60	--	2400	240	50		DINWIDDIE ET AL 71
28	11	51	1660	76	72	39	.1	3000	430	90	*2	DINWIDDIE ET AL 71
29	8.7	51	1922	71	53	60	1.1	3200	370	60		DINWIDDIE ET AL 71
30	9.2	48	1960	7.4	53	60	1.0	2900	750	60	*2	DINWIDDIE ET AL 71
31	9.0	51	1900	61	52	49	1.2	3000	90	70	*2	DINWIDDIE ET AL 71
32	5.7	9	656	67	47	17	.7	920	330	ND	*2	DINWIDDIE ET AL 71
33	8.4	26	1110	82	55	27	.2	1100	820	110	*2	DINWIDDIE ET AL 71
34	5.7	9	656	67	47	17	.7	--	--	--	*1	DINWIDDIE ET AL 71
35	--	--	--	--	--	--	--	--	--	--		ERTEC 80
36	11	0	183	5.4	19	1.1	4.3	--	11000	320	*2	DINWIDDIE ET AL 71
37	7.3	0	134	7.5	36	.5	3.2	--	--	--	*1	ERTEC 90
38	7.6	0	86	8.3	32	.7	3.7	--	100	14	*1	ERTEC 90
39	2.1	0	296	12.0	97	.5	.1	--	--	--	*1	ERTEC 90
40	2.0	0	270	10.0	86	.6	.4	--	58	13	*1	ERTEC 90
41	--	51	1120	160	202	--	--	--	--	--	*4,*5	RUSH ET AL 66
42	15	0	335	32	64	3.5	.2	--	3100	700	*1	ERTEC 90
43	7.6	0	103	7.3	6	.6	2.1	--	600	59	*1	ERTEC 90
44	9.7	1	175	13	60	.5	7.3	--	--	--	*1	ERTEC 90
45	6.7	0	106	9.2	9	.6	2.3	--	--	--	*1	ERTEC 90
46	65	0	109	62	100	5.0	23	--	--	--	*1	ERTEC 90
47	--	0	128	--	--	--	--	--	--	--		ERTEC 90
48	--	0	--	--	--	--	--	--	--	--		ERTEC 90
49	1.3	0	274	12	49	.2	--	--	--	--		ERTEC 80

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SELECTED WATER QUALITY DATA
HOT CREEK VALLEY, NEVADA
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30 NOV 81 TABLE F1-13

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	NO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
50	6N/69.5E-14CCD	SP	7-80	MULESHOE SPRING	17.0	428	6.9	--	--	--	--	--
51	6N/50E-10BB	WE	7-80		23.0	670	7.2	314	29	52	25	16
52	6N/50E-27AC1	WE	9-80	USAF TEST WELL	20.0	--	--	286	28	41	18	20
53	6N/50E-27AC1	WE	10-80	USAF TEST WELL	20.0	--	--	239	27	41	18	20
54	6N/51E- 5BDD	SP	9-80	BUTTE SPRING	16.0	600	8.0	396	50	31	19	70
55	6N/51E-15A1	WE	10-65		--	363	7.6	--	--	19	4.0	59
56	6N/51E-22BAB	WE	7-80	BLUE JAY MAINT.STA.	21.0	375	7.2	259	66	18	3.7	57
57	5N/51E- 7BDB	WE	7-80	CTNS BASE CAMP	17.0	342	6.7	226	65	34	11	25
58	5N/51E-11CDC	WE	7-80		17.0	386	6.9	269	58	21	4.6	55
59	5N/51E-19BCD	WE	7-80	FALLINI WELL	14.0	570	7.2	--	--	--	--	--
60	4N/50E-20C1	SP	10-65		60.5	1270	7.9	--	--	55	36	210
61	4N/50E-20CCB	ST	7-80	WARM SPR.TUNNEL	43.5	1900	7.1	876	54	72	23	210
62	4N/51E-13BBD	WE	7-80		20.0	320	6.6	--	--	--	--	--
63	4N/51E-13D1	WE	10-65		17.2	487	7.4	--	--	30	5.4	74

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
50	--	--	--	--	--	--	--	--	--	--		ERTEC 80
51	2.6	0	166	14	107	.3	1.5	--	--	--	*1	ERTEC 80
52	2.4	--	170	9.7	65	.2	.7	--	--	--	*1	ERTEC 80
53	2.4	--	171	9.6	67	.2	.7	--	--	--	*1	ERTEC 80
54	9.4	0	98	24	58	.9	--	--	600	69		ERTEC 80
55	--	0	154	12	24	--	--	--	--	--	*5	RUSH ET AL 66
56	4.5	0	176	12	23	.8	1.8	--	--	--	*1	ERTEC 80
57	4.2	--	154	6.8	30	.2	1.3	--	--	--	*1	ERTEC 80
58	4.8	0	212	10.0	22	1.1	1.6	--	--	--	*1	ERTEC 80
59	--	--	--	--	--	--	--	--	--	--		ERTEC 80
60	--	0	712	32	98	--	--	--	--	--	*5	RUSH ET AL 66
61	26	0	748	39	111	1.8	--	--	--	--		ERTEC 80
62	--	--	--	--	--	--	--	--	--	--		ERTEC 80
63	--	0	248	15	32	--	--	--	--	--	*5	RUSH ET AL 66

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO2 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
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SELECTED WATER QUALITY DATA
HOT CREEK VALLEY, NEVADA
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30 NOV 81 TABLE F1-13

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/59E-10DC	SP	11-80	SAMMY SPRING	10.0	325	7.7	230	46	36	6.1	14
2	18N/59E-11CB	SP	11-80	WILLOW SPRING	11.0	375	7.8	--	--	--	--	--
3	17N/58E-21BAC	SP	11-80	SAND SPRING	6.5	600	7.5	681	11	55	21	37

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.6	0	144	14	12	.1	1.5	--	--	--	*1	ERTEC 80
2	--	--	--	--	--	--	--	--	--	--		ERTEC 80
3	1.7	0	283	9.8	58	.3	.6	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
JAKES VALLEY, NEVADA

30 NOV 81 TABLE F1-14

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	22N/48E-36A	SP	5-64		--	186	7.8	--	--	16	4.4	17
2	22N/49E-27D	ST	5-64	COILS CREEK	--	280	8.2	--	--	26	6.3	23
3	22N/50E-12BA	ST	10-80	ROBERTS CREEK	2.0	460	7.2	289	19	59	24	13
4	20N/47E-14DCC	SP	10-80	ACKERMAN RANCH SPR	7.0	250	7.4	228	67	18	4.8	26
5	20N/52E-20D0A	WE	9-80		16.0	475	7.9	363	15	55	31	27
6	19N/47E-31AAB	WE	10-80		7.0	565	6.8	--	--	--	--	--
7	19N/49E- 6CCC	WE	10-80		7.0	280	6.4	200	51	29	3.8	27
8	19N/50E- 5AAB	WE	9-80		43.0	525	7.3	354	27	51	24	39
9	19N/50E-16BCC	WE	9-80		16.5	250	8.9	258	59	2.4	2.2	60
10	18N/48E- 8DAA	WE	10-80		10.0	215	6.6	179	54	13	1.9	36

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	0	80	6.0	19	--	--	--	--	--		RUSH ET AL 64
2	--	0	132	10.0	18	--	--	--	--	--		RUSH ET AL 64
3	1.0	0	304	9.8	22	.1	.1	--	200	10.0	*1	ERTEC 80
4	8.2	0	104	14	20	.1	.7	--	200	10.0	*1	ERTEC 80
5	3.4	0	340	16	24	.7	.6	--	--	--	*1	ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	4.4	0	136	11	13	ND	1.3	--	300	20	*1	ERTEC 80
8	12	0	344	9.5	25	1.1	ND	--	--	--		ERTEC 80
9	11	0	160	6.8	19	1.3	.1	--	--	--	*1	ERTEC 80
10	4.8	0	116	10.0	13	.3	.2	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
KOBEH VALLEY, NEVADA

30 NOV 81

TABLE F1-15

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	10N/66E-31A1	WE	8-63		15.0	322	7.8	203	27	54	5.7	7.4
2	9N/65E- 4C1	SP	8-63	GEYSER SPRING	20.0	181	8.0	115	13	30	3.4	3.0
3	3N/66E- 2DD	WE	10-63		--	374	7.8	--	--	42	9.0	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.9	0	189	9.6	6	ND	1.2	ND	--	--	*2	RUSH ET AL 63
2	1.0	0	103	3.0	5	--	.6	ND	--	--	*2	RUSH ET AL 63
3	--	--	129	30	--	--	--	--	--	--		RUSH 64

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA LAKE VALLEY, NEVADA

30 NOV 81

TABLE F1-16

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	17N/54E-16B	WE	10-65		13.9	409	7.9	--	--	28	24	31
2	16N/53E- 8B	SP	9-65	FISH CREEK SPRING	17.2	444	8.2	--	--	28	29	38
3	16N/53E- 9CBA	SP	3-80	FISH CK SPR POND	17.0	550	7.6	--	ND	60	32	26
4	16N/53E- 9C	SP	8-65		17.8	462	8.2	--	--	37	29	36
5	16N/53E-12AED	ST	3-80	FISH CREEK	3.5	835	8.3	--	ND	58	51	55
6	15N/54E- 6DCB	WE	10-65		13.9	256	7.6	--	--	30	4.6	16
7	15N/54E-11ACB	SP	3-80	POGUES STA.SPR.	7.5	2100	7.4	--	ND	260	16	61
8	14N/51E-23CCA	SP	3-80	PINE SPRING	6.5	250	8.1	--	ND	25	5.9	15

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.0	0	219	9.0	42	--	--	--	--	--	*5	RUSH 66
2	.0	0	267	11	37	--	--	--	--	--	*5	RUSH 66
3	6.1	0	388	8.4	37	.5	.3	--	--	--	*4	ERTEC 80
4	.0	0	273	8.6	51	--	--	--	--	--	*5	RUSH 66
5	9.7	0	547	17	72	.6	ND	--	--	--	*1	ERTEC 80
6	.0	0	126	6.6	20	--	--	--	--	--	*5	RUSH 66
7	3.1	0	465	31	1080	.4	.2	--	--	--	*1	ERTEC 80
8	2.5	0	146	5.9	13	.1	ND	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA LITTLE SMOKY VALLEY, NEVADA

30 NOV 81 TABLE F1-17

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	23N/58E-36B	SP	11-80	LONG V. SLOUGH	18.0	360	9.0	212	12	30	17	11
2	23N/55E-36C	SP	11-80	LONG V.SLOUGH	4.0	425	8.2	309	10	47	22	15
3	22N/58E-35BB	WE	11-80		8.0	7500	7.6	5800	67	43	130	1600
4	21N/59E- 5D	WE	11-80		12.0	3700	8.5	3200	9.4	340	190	200
5	21N/59E-31D	WE	11-80	MCBRIDES SHEEP WELL	12.0	1050	7.3	861	12	95	50	21
6	20N/59E-29CB	WE	11-80		13.0	310	8.5	180	13	24	11	17

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.0	21	153	10.0	40	.3	.2	--	ND	ND	*1	ERTEC 80
2	6.0	0	227	14	48	.4	ND	--	--	--		ERTEC 80
3	250	0	872	1200	1956	1.1	.1	--	300	31	*1	ERTEC 80
4	4.7	0	92	1000	557	.3	.1	--	ND	15	*1	ERTEC 80
5	3.4	0	92	200	30	.2	.6	--	--	--	*1	ERTEC 90
6	2.5	0	144	9.2	14	.3	1.8	--	94	ND	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROPHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
LONG VALLEY, NEVADA

30 NOV 81 TABLE F1-18

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	PD YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	18N/47E- 5CD	WE	10-80		11.0	460	7.9	295	45	44	11	32
2	18N/47E-20AD	WE	4-64		22.0	579	7.8	--	--	62	12	36
3	17N/48E-21AC	SP	10-80		9.0	215	6.8	17	44	27	4.0	14
4	16N/47E- 4DD	WE	4-64	POTTS RANCH WELL	16.0	460	7.6	--	--	50	8.8	31
5	15N/46E-20DB	ST	10-80	CORRAL CYN.	.0	215	6.4	--	--	--	--	--
6	15N/46E-27AD	SP	10-80		6.0	105	5.9	--	--	--	--	--
7	15N/46E-28AA	ST	10-80		1.0	155	6.3	--	--	--	--	--
8	15N/47E- 8ADA	WE	10-80	MONITOR RANCH WELL	11.0	380	7.1	328	42	61	13	27
9	15N/47E-29CB	SP	10-80	MUD SPRING	9.0	265	6.1	--	--	--	--	--
10	15N/47E-35DD	ST	10-80		14.0	520	8.2	390	29	54	13	54
11	14N/46E-13AD	ST	10-80	IKES CYN.	7.0	290	8.4	--	--	--	--	--
12	13N/47E-29C	WE	4-64	PINE CREEK RANCH	12.0	1470	8.7	--	--	48	39	200
13	12N/47E-19BB	WE	10-80	PINE CREEK RANCH	9.0	1200	6.6	1000	66	130	16	190
14	12N/47E-32AC	ST	10-80	MOSQUITO CK.	2.0	105	7.1	--	--	--	--	--
15	11N/46E-15AAA	WE	10-80	PINE CREEK RANCH	7.0	300	7.5	207	38	36	4.8	27
16	11N/46E-18DDB	ST	10-80	PINE CREEK	4.0	45	6.9	--	--	--	--	--
17	10N/46E-12A	WE	10-80	PINE CREEK RANCH	6.0	230	7.9	160	63	22	2.8	21
18	10N/46E-29BC	ST	10-80	CORCORAN CYN.	4.0	195	7.8	143	23	11	1.2	33
19	9N/47E-16BA	WE	10-80	BARLEY CK.RNCH.WELL	2.0	170	5.9	133	36	21	2.5	12
20	9N/47E-16BB	WE	10-80		2.0	170	5.9	--	--	--	--	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	6.2	0	190	15	56	.5	.6	--	24	3.0	*1	ERTEC 80
2	--	0	160	43	58	--	--	--	--	--		RUSH 64
3	3.4	0	128	6.0	10	.2	.1	--	ND	ND	*1	ERTEC 80
4	--	0	182	15	55	--	--	--	--	--		RUSH 64
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	--	--	--	--	--	--	--	--	--	--		ERTEC 80
7	--	--	--	--	--	--	--	--	--	--		ERTEC 80
8	4.9	0	247	16	50	.2	1.4	--	100	8.0	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	--	--		ERTEC 80
10	17	0	239	16	59	2.3	.1	--	300	6.0	*1	ERTEC 80
11	--	--	--	--	--	--	--	--	--	--		ERTEC 80
12	--	20	212	110	360	--	--	--	--	--		RUSH 64
13	24	0	490	190	200	ND	.2	--	300	.2	*1	ERTEC 80
14	--	--	--	--	--	--	--	--	--	--		ERTEC 80
15	.8	0	200	3.0	3	.1	ND	--	200	17		ERTEC 80
16	--	--	--	--	--	--	--	--	--	--		ERTEC 80
17	5.5	0	131	4.9	6	.1	.3	--	ND	7.0	*1	ERTEC 80
18	1.2	0	99	5.4	16	.2	.3	--	500	21	*1	ERTEC 80
19	5.0	0	108	3.9	5	50	ND	--	100	130		ERTEC 80
20	--	--	--	--	--	--	--	--	--	--		ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NAPK AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA MONITOR VALLEY, NEVADA

30 NOV 81

TABLE F1-19

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	5N/64E- 7DDD	SP	5-80	BIG MUD SPRING	14.5	530	8.0	--	--	53	17	17
2	5N/65E-10CAB	SP	5-80	HORSE CORRAL SPR.	12.0	465	7.4	--	--	60	16	26
3	5N/65E-33A9R	SP	5-81	MALLOY SPRING	11.5	540	6.9	--	74	53	11	180
4	4N/64E- 7DC2	WE	7-81	USAF WELL	--	--	--	1961	--	10.0	--	38
5	4N/64E- 7DC2	WE	7-81	USAF WELL	--	--	--	1121	--	13	--	75

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	1.2	0	304	67	40	.3	1.0	--	--	--	*1	ERTEC 80
2	.4	0	345	13	27	.2	.3	--	--	--	*1	ERTEC 80
3	3.9	0	259	29	17	.2	1.0	--	--	--	*1	ERTEC 80
4	5.4	0	--	53	17	--	--	--	80	350	SHALLOW PIEZOMETER	ERTEC
5	5.7	0	--	49	13	--	--	--	20	410	DEEP PIEZOMETER	ERTEC

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE, UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
MULESHOE VALLEY, NEVADA

30 NOV 81 TABLE E1-23

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	23N/55E-26B	SP	11-80	COLD SPRING	9.0	320	8.4	192	10	36	11	10
2	23N/56E-18DB	WE	11-80		11.0	340	8.2	197	15	25	13	24
3	23N/56E-36DDC	ST	11-80	WARM SPR. POND	9.0	450	8.0	323	16	56	23	18
4	22N/56E-21CC	SP	11-80		6.0	390	8.2	--	--	--	--	--
5	21N/56E- 9BD	ST	11-80	DEADMAN CK.	6.0	270	8.4	--	--	--	--	--
6	21N/56E-16CD	ST	11-80		2.0	270	8.5	208	7.1	45	8.5	7.7
7	20N/56E-26BB	SP	11-80	BARREL SPRING	6.0	460	8.3	--	--	--	--	--
8	20N/57E- 6A	SP	11-80	SEEP SPRING	7.0	410	8.1	263	9.3	59	6.7	18
9	19N/56E-36DC	ST	11-80		7.0	320	8.4	--	--	--	--	--
10	19N/55E-32A	WE	12-80		2.0	410	7.6	291	11	50	14	20
11	19N/57E- 5AC	WE	11-80	DRY MTN. WELL	9.0	500	8.3	308	12	33	33	29
12	18N/56E- 2BA	WE	11-80		9.0	375	7.7	263	20	44	6.8	19
13	18N/56E-19CCA	SP	11-80	SULPHUR SPRING	8.0	550	8.2	372	25	59	17	28
14	18N/57E-15AC	SP	11-80		7.0	560	7.5	--	--	--	--	--
15	17N/55E-18ACC	WE	7-80		13.0	565	7.7	572	42	63	38	35

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	.9	0	170	6.0	11	ND	1.1	--	86	14	*1	ERTEC 80
2	2.4	0	196	14	16	.2	3.9	--	64	ND	*1	ERTEC 80
3	5.9	0	292	7.0	35	.5	.1	--	87	ND	*1	ERTEC 80
4	--	--	--	--	--	--	--	--	--	--		ERTEC 80
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	1.0	0	198	6.0	7	.2	.6	--	86	ND	*1	ERTEC 80
7	--	--	--	--	--	--	--	--	--	--		ERTEC 80
8	1.5	0	216	14	15	.1	.4	--	94	ND	*1	ERTEC 80
9	--	--	--	--	--	--	--	--	--	--		ERTEC 80
10	1.7	0	218	15	38	.2	.3	--	100	ND	*1	ERTEC 80
11	7.1	0	222	28	36	.7	ND	--	87	10.0		ERTEC 80
12	2.7	0	144	15	30	.1	5.1	--	100	ND	*1	ERTEC 80
13	4.5	0	240	32	50	.2	1.0	--	77	ND	*1	ERTEC 80
14	--	--	--	--	--	--	--	--	--	--		ERTEC 80
15	9.0	0	195	47	164	.5	3.2	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE ON EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA NEWARK VALLEY, NEVADA

30 NOV 81 TABLE F1-21

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	2N/55E-19CDD	SP	6-80	QUINN CYN. SPR.	10.0	260	6.2	--	49	33	5.8	24
2	1N/56E- 9DAA	SP	6-80	MC CUTCHEN SPRING	13.0	625	6.4	--	50	66	12	79
3	1S/55E-22ABD	WE	6-80	SMITH WELL	22.0	285	7.3	--	69	24	7.3	27
4	1S/56E-12ADB	SP	6-80	WILD HORSE SPRING	11.5	480	6.5	--	17	78	24	10
5	2S/55E-26DDA	SP	10-71	SAND SPRING	30.0	609	8.0	--	--	36	22	67
6	2S/57E-28DDB	SP	6-80	SEEP SPRING	14.0	690	6.6	--	50	95	26	48
7	3S/55E- 7CCC	WE	10-71		19.5	477	8.2	--	--	33	4.0	60
8	3S/55E-29	WE	6-62		15.5	371	7.7	298	83	42	2.8	30
9	3S/56E-17DCD	WE	10-71		17.0	416	8.4	--	--	44	17	17
10	3S/57E-10AAB	SP	6-80	PENOYER SPRING	15.0	238	6.9	--	44	33	5.8	40

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.6	0	139	18	24	.6	.5	--	--	--	*1	ERTEC 80
2	6.9	0	288	48	72	1.0	1.3	--	--	--	*1	ERTEC 80
3	6.2	0	134	9.5	17	.5	1.4	--	--	--	*2	ERTEC 80
4	1.9	0	307	6.7	44	.2	.7	--	--	--	*1	ERTEC 80
5	.0	0	357	5.0	25	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
6	4.0	0	405	29	40	.6	3.3	--	--	--	*2	ERTEC 80
7	.0	0	132	24	74	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
8	11	0	159	8.8	41	.6	1.3	.0	--	--	*2,*4	VAN DENBURGH ETAL 74
9	.0	4	202	6.0	34	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
10	3.4	0	151	20	25	.5	3.5	--	--	--	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES:*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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DEPARTMENT OF THE AIR FORCE
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SELECTED WATER QUALITY DATA PENOYER VALLEY, NEVADA

30 NOV 81 TABLE F1-23

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	RD YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-25-16)18BDD	WE	9-62	GUYMAN WELL	16.0	344	7.6	204	31	24	12	27
2	(C-25-17)33DAB	WE	2-74	DESERT EXPMTL. RANGE	12.0	278	8.1	208	54	16	6.7	30
3	(C-25-17)33DAB	WE	11-79	DESERT EXPMTL. RANGE	14.0	170	8.3	--	48	16	40	25
4	(C-26-17)10AA1	WE	8-80	USAF TEST WELL	23.0	330	6.4	236	60	21	4.9	36
5	(C-26-18)22CBB	SP	11-73	PINE SPRING	--	897	8.3	559	64	110	28	41
6	(C-26-19) 3ABC	SP	11-79	MOUNTAIN HOME SPRING	9.0	--	7.1	--	13	82	200	36
7	(C-27-18)27DBA	SP	11-79	POTCH-IM-PO SPRING	9.0	--	7.8	--	12	39	56	14
8	(C-27-18)35CCB	SP	11-73	WILLOW SPRING	11.5	1100	8.2	641	48	100	41	61
9	(C-28-16)26CCC	SP	8-63	WAH WAH MINE	10.0	221	7.5	130	11	51	4.4	8.4
10	(C-28-16)27CCC	SP	11-73	PINE GROVE SPRING	11.0	569	7.6	326	15	93	12	12
11	(C-28-18)16CDB	SP	11-73	VANCE SPRING	14.0	545	8.2	330	42	67	14	19
12	(C-28-18)27DDA	SP	11-73	BUCKHORN SPRING	11.0	504	8.4	325	36	51	4.7	55
13	(C-29-16)16DBD	SP	11-79	WATER HOLLOW SPR.	9.0	89	7.3	94	13	16	18	8.0
14	(C-29-18)14DDD	ST	11-73	INDIAN CREEK	6.0	606	8.4	377	40	75	15	34
15	(C-30-17)19DDC	ST	11-79	SHEEP CREEK	14.0	--	7.6	--	37	69	64	20

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.3	0	124	30	19	.7	4.6	80	--	--	*2	STEPHENS 76
2	6.1	0	138	5.9	13	1.2	--	120	180	--	*3,*4	STEPHENS 76
3	4.0	0	131	24	13	.8	1.3	--	--	--	*3	ERTEC 79
4	7.2	0	120	20	18	1.2	1.1	--	--	--	*1	ERTEC 80
5	2.3	0	334	110	37	.2	.3	120	100	ND	*3,*4	STEPHENS 76
6	2.0	0	342	73	211	.2	.4	--	--	--	*1	ERTEC 79
7	2.0	0	259	34	11	.1	1.9	--	--	--	*1	ERTEC 79
8	1.0	0	257	180	81	.3	.2	130	10.0	ND	*3,*4	STEPHENS 76
9	1.0	0	108	14	9	.1	.1	30	--	ND	*3,*4	STEPHENS 76
10	1.3	0	329	18	11	.2	.1	50	10.0	ND	*3,*4	STEPHENS 76
11	2.5	0	210	54	20	.2	1.7	70	10.0	10.0	*3,*4	STEPHENS 76
12	2.3	8	232	34	15	.3	.8	70	10.0	ND	*3,*4	STEPHENS 76
13	2.0	0	54	19	4	.1	.6	--	--	--	*1	ERTEC 79
14	1.2	10	291	36	21	.3	ND	100	ND	180	*3,*4	STEPHENS 76
15	2.0	--	224	34	17	.2	.1	--	--	--	*1	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
PINE VALLEY, UTAH

30 NOV 81 TABLE F1-24

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	15N/57E-33CDB	SP	11-70	GREEN SPRING	17.0	488	--	--	--	--	--	--
2	14N/56E-14DDC	SP	11-70	BIG BULL SPRING	11.0	365	--	--	--	36	17	14
3	14N/57E-22AAA	SP	11-70	BIRCH SPRING	8.0	574	--	--	--	62	21	26
4	13N/55E- 9BDC	SP	11-70	YOUNG FLORID SPRING	13.0	344	--	--	--	--	--	--
5	13N/56E-32BAC	SP	6-67	BIG WARM SPRING	33.0	587	8.0	358	--	62	22	28
6	13.5N/55E-29DDD	SP	9-68	BIG LOUIE SPRING	14.0	464	7.7	355	95	56	11	23
7	12N/56E- 5AC	SP	10-71	LITTLE WARM SPR.	--	704	8.0	--	--	39	25	83
8	12N/56E- 5CBD	SP	10-71		13.5	551	8.0	--	--	31	27	43
9	12N/56E-10CCD	SP	10-71		--	462	9.3	--	--	22	1.0	74
10	12N/57E- 93CB	WE	4-72	BULL CK #2	15.0	326	8.0	--	--	24	9.0	29
11	11N/56E-31BCA	SP	8-67	INDIAN SPRING	18.0	368	7.6	299	--	37	5.8	3.6
12	11N/58E-32BBC	SP	10-71	PASTRONI SPRING	13.0	432	7.9	--	--	36	22	20
13	11N/59E- 5BA	ST	11-70	LITTLE CURRANT CK.	6.0	376	--	--	--	50	16	8.0
14	11N/59E-15BA	ST	4-69		9.5	220	7.9	--	--	25	12	12
15	11N/59E-16BA	WE	7-68		11.0	--	8.0	359	--	51	13	37
16	10N/55E- 9AC	SP	9-68	IKE SPRING	15.0	405	7.7	270	--	46	2.5	36
17	10N/57E-15ADD	WE	4-72		15.0	484	8.0	--	--	38	18	43
18	10N/57E-32BBB	WE	8-67		16.0	429	7.7	266	--	36	15	31
19	10N/58E- 9BC	SP	10-71		13.0	799	8.0	--	--	84	41	32
20	10N/58E-17BD1	WE	10-80	USAF TEST WELL	11.0	660	7.5	387	30	80	32	14
21	10N/58E-17BD1	WE	11-80	USAF TEST WELL	11.0	620	7.7	382	22	73	39	13
22	9N/56E-14DDA	WE	10-71	TRAPP SPRING WELL	--	611	8.5	--	--	47	25	46
23	9N/57E- 6DAB	WE	10-71		12.0	772	8.2	--	--	45	26	92
24	9N/57E-20CAB	WE	8-67	GRAVEL RIDGE	13.5	501	7.7	387	83	31	25	43
25	9N/57E-34ADD	WE	4-72		--	50100	7.2	--	--	680	ND	11000
26	9N/57E-35AAC	WE	10-71		--	616	8.3	--	--	44	22	49
27	9N/57E-35BAD3	WE	3-72		15.0	411	8.1	--	--	33	18	28
28	9N/57E-35BAD4	WE	11-55		--	--	6.8	24300	--	2000	63	7200
29	8N/55E-15AAA	SP	11-65	NORTH SPRING	35.0	694	--	--	--	--	--	--
30	8N/55E-15ACD	SP	3-80	BIG SPRING	36.0	440	7.2	410	3.0	61	22	50
31	8N/56E- 2CBA	WE	3-80	NEW WELL #4	14.0	310	7.8	--	7.3	14	15	69
32	8N/56E- 3ACB	WE	10-71	NEW WELL #3	14.0	371	8.6	--	--	16	7.0	55
33	8N/56E-26BAD	WE	10-71		--	6680	9.0	--	--	6.0	1.0	1400
34	8N/57E- 7CA	WE	10-71		--	699	9.0	--	--	2.0	ND	150
35	8N/57E-11DDB	SP	3-80	BLUE EAGLE SPRING	28.0	628	7.0	--	2.7	43	25	32
36	8N/57E-22CDC	WE	10-71		--	530	8.3	--	--	25	33	37
37	8N/57E-27AAC	WE	3-54		--	--	7.0	--	--	25	11	160
38	7N/55E-16DB	SP	3-80	CHIMNEY HAT SPRING	68.0	825	7.0	--	5.0	66	15	72
39	7N/55E-23CA	WE	10-55		60.0	--	8.3	--	--	12	5.0	190
40	7N/56E- 2DAB	WE	11-54		109.0	--	9.0	--	--	7.0	6.0	190
41	7N/57E-23CBD	SP	10-71	THORN SPRING	--	696	7.8	--	--	57	33	35
42	6N/54E-11AA	SP	10-71	STORM SPRING	36.5	1200	--	--	--	--	--	--
43	6N/54E-11DC	SP	8-67	COYOTE HOLE SPR.	45.0	1070	--	--	--	--	--	--
44	6N/54E-23BD S	SP	9-69	ABEL SPRING	46.0	1100	7.3	696	27	100	26	120
45	6N/56E- 5ACC	WE	3-80	OLD WELL #7	17.0	230	--	--	74	13	13	48
46	6N/56E-13DBD	WE	10-71	NYALA WELL	13.5	376	8.5	--	--	23	10.0	41
47	6N/56E-24BDC	ST	10-71	TROY CANYON	11.0	362	7.9	--	--	36	15	16
48	6N/56E-27ACB	WE	10-71		13.5	402	8.2	--	--	40	22	9.0
49	6N/57E- 1B	SP	11-70		11.5	525	--	--	--	73	19	19

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SELECTED WATER QUALITY DATA
RAILROAD VALLEY, NEVADA
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ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	0	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
2	--	0	194	6.0	22	--	--	--	--	--		VAN DENBURGH ETAL 74
3	.0	0	272	24	38	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
4	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
5	6.5	0	321	8.6	47	.6	ND	--	--	--		VAN DENBURGH ETAL 74
6	6.0	0	245	18	24	.3	1.1	--	20	--	*2	VAN DENBURGH ETAL 74
7	.0	0	368	10.0	62	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
8	.0	0	272	8.0	48	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
9	.0	0	196	18	34	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
10	.0	0	148	12	22	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
11	7.9	0	160	23	28	--	8.3	--	--	--	*2	VAN DENBURGH ETAL 74
12	.0	0	230	11	19	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
13	.0	0	235	4.0	8	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
14	.0	0	106	6.0	14	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
15	.0	0	232	14	36	--	18	--	--	--	*2,*5	VAN DENBURGH ETAL 74
16	2.0	0	177	18	26	.3	8.7	--	--	--	*2	VAN DENBURGH ETAL 74
17	.0	0	252	11	60	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
18	3.9	0	193	15	38	--	4.2	--	--	--	*2	VAN DENBURGH ETAL 74
19	.0	0	489	10.0	33	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
20	1.4	119	363	11	38	.2	2.2	--	--	--	*1	ERTEC 80
21	2.0	115	366	10.0	34	.1	2.1	--	--	--	*1	ERTEC 80
22	.0	7	262	16	68	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
23	.0	0	356	18	90	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
24	6.7	0	218	25	64	--	1.6	180	20	ND	*2	VAN DENBURGH ETAL 74
25	.0	0	51	*17000*	*1800*	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
26	.0	0	223	66	30	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
27	.0	0	231	7.0	21	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
28	.0	0	29	14000	1380	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
29	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
30	10	0	381	8.9	63	1.1	ND	400	40	ND	*4	ERTEC 80
31	8.5	0	171	10.0	25	.7	1.0	--	--	--	*1	ERTEC 80
32	.0	6	173	10.0	20	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
33	.0	30	527	*1700*	76	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
34	.0	23	262	19	58	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
35	5.8	0	410	9.9	37	.9	1.0	--	--	--	*1	ERTEC 80
36	.0	0	303	11	16	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
37	.0	0	439	16	77	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
38	15	0	434	--	47	1.7	.1	--	--	--	*1	ERTEC 80
39	--	0	410	16	99	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
40	.0	43	293	68	50	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
41	.0	0	378	14	25	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
42	--	--	--	17	--	--	--	--	--	--		VAN DENBURGH ETAL 74
43	--	--	--	9.8	--	--	--	--	--	--		VAN DENBURGH ETAL 74
44	22	0	673	15	51	2.7	.2	--	20	ND	*2	VAN DENBURGH ETAL 74
45	5.8	0	176	5.5	25	2.3	.2	290	20	--	*1	ERTEC 80
46	--	5	155	8.0	60	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
47	.0	0	190	5.0	22	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
48	.0	0	237	3.0	11	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
49	.0	0	300	6.0	43	--	--	--	--	--	*5	VAN DENBURGH ETAL 74

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MX SITING INVESTIGATION
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SELECTED WATER QUALITY DATA
RAILROAD VALLEY, NEVADA
PAGE 2 OF 3

30 NOV 81 TABLE F1-25

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
50	5N/55E-32BBD	WE	10-71		16.0	426	8.0	--	--	44	5.0	35
51	5N/55E-34CDD	WE	10-71		15.5	286	7.7	--	--	25	9.0	22
52	5N/55E-36DAD2	WE	10-71		10.0	454	8.0	--	--	44	22	18
53	5N/56E-35DA	ST	11-70	HOOPER CREEK	8.0	371	--	--	--	48	15	8.0
54	4N/55E-19DA	WE	10-71		--	289	8.0	--	--	27	3.0	130
55	4N/55E-25D	ST	11-70	BIG CREEK	9.5	508	--	--	--	62	18	21
56	3N/52E- 2DA1	WE	9-80	USAF TEST WELL	21.5	--	--	433	65	39	8.1	85
57	3N/52E- 2DA1	WE	9-80	USAF TEST WELL	21.8	--	--	437	66	39	9.4	86
58	3N/52E- 3D	ST	3-80		8.0	1110	8.9	--	--	--	--	--
59	3N/53E-35BAC	WE	9-68	ED'S WELL	14.0	565	7.4	410	86	6.0	.8	120
60	3N/54E- 5BC	WE	3-72	GOAT RANCH	--	787	8.6	--	--	6.0	ND	160
61	3N/55E-27DB	SP	11-70		7.0	277	--	--	--	--	--	--
62	2N/53E-23CBC	WE	10-71	SUNRISE WELL	19.0	556	8.3	--	--	31	3.0	89
63	2N/55E- 7CD	SP	8-67		14.5	427	7.5	275	34	62	1.8	26
64	1N/52E-22CB	SP	8-67	PYRAMID SPRING	20.0	415	7.9	267	28	43	4.9	40
65	1N/53E- 3DAC	WE	10-71	EAST SIDE WELL	--	931	8.1	--	--	45	4.0	130
66	1N/53E- 7ADC	WE	3-80	FRED'S WELL	14.0	1380	10.0	--	93	2.3	.1	700
67	1N/53E-27BBA	WE	3-72	LAST STAND WELL	20.5	722	8.2	--	ND	11	ND	150
68	1N/53E-31DCC	WE	9-68	PYRAMID WELL	17.0	273	7.8	207	--	17	1.8	39
69	1S/50E-14AA	SP	7-80	GEORGES WATER	90.0	157	6.0	161	45	17	3.7	16
70	1S/53E-23BDA	WE	3-72	DEEP WELL	21.0	395	9.1	--	--	16	1.0	65
71	2S/51E-21DA	SP	8-67	CEDAR SPRING	25.0	533	7.7	370	--	62	5.9	47

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
50	.0	0	133	30	52	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
51	.0	0	147	5.0	18	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
52	.0	0	242	9.0	28	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
53	.0	0	215	5.0	15	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
54	.0	0	128	9.0	21	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
55	.0	0	242	9.0	62	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
56	5.2	--	268	38	51	.8	1.1	--	--	--	*1	ERTEC 80
57	6.2	--	272	38	52	.8	1.1	--	--	--	*1	ERTEC 80
58	--	48	615	--	--	--	--	--	--	--		ERTEC 80
59	6.2	0	207	20	59	12	.3	--	60	10.0	*2	VAN DENBURGH ETAL 74
60	.0	7	281	22	50	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
61	--	--	--	--	--	--	--	--	--	--		VAN DENBURGH ETAL 74
62	.0	0	219	19	71	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
63	.6	0	216	11	27	--	5.8	120	20	10.0	*2	VAN DENBURGH ETAL 74
64	.8	0	204	9.9	31	--	3.6	120	40	40	*2	VAN DENBURGH ETAL 74
65	.0	0	273	61	97	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
66	5.7	536	293	380	475	5.5	2.5	--	ND	ND	*1	ERTEC 80
67	.0	0	283	20	87	ND	ND	--	--	--	*5	VAN DENBURGH ETAL 74
68	5.0	0	148	7.2	7	1.4	.3	--	200	10.0	*2	VAN DENBURGH ETAL 74
69	1.4	0	92	6.3	11	.2	--	--	--	--		ERTEC 80
70	.0	0	138	14	46	--	--	--	--	--	*5	VAN DENBURGH ETAL 74
71	2.5	0	240	23	48	.9	.1	--	--	--	*2	VAN DENBURGH ETAL 74

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
RAILROAD VALLEY, NEVADA
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30 NOV 81 TABLE F1-25

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	7N/43E-25BCA	SP	9-80	BAXTER SPRING	13.0	415	7.4	299	23	42	27	15
2	7N/44E-36C1	WE			--	--	--	--	57	39	5.4	32
3	5N/45E-21CB	SP	9-80	ANTELOPE SPRING	16.0	155	7.5	103	61	4.8	3.6	28
4	4N/44E- 8AB2	WE	-73	WELL #11	--	--	8.2	268	--	38	4.0	31
5	4N/44E- 8AB3	WE	-73	WELL #12	--	--	8.1	270	--	40	4.0	32
6	4N/44E- 8BA	WE		WELL #7	--	--	--	--	60	43	2.4	--

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.3	0	216	8.9	56	.5	.2	--	23	8.0	*1	ERTEC 80
2	5.8	--	154	14	37	.1	2.5	--	--	--	*2	EAKIN 62
3	7.3	0	88	11	18	.5	.3	--	36	7.0	*1	ERTEC 80
4	8.0	0	137	14	39	.5	10	--	170	ND	*2	PUBL.UTIL. 80
5	8.0	14	98	14	38	.5	12	--	ND	ND	*2	PUBL.UTIL. 80
6	7.4	--	137	13	34	.3	11	--	--	--	*2	EAKIN 62

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRAYE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
RALSTON VALLEY, NEVADA

30 NOV 81 TABLE F1-26

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	6N/51E-29CAD	WE	7-80	JOES WELL	22.0	458	7.7	--	--	--	--	--
2	3N/50E-13CA2	WE	4-81	USAF TEST WELL	17.5	340	7.7	245	51	33	5.8	26
3	3N/51E-18CDA S	SP	7-80	UNKN SPRING	23.0	217	7.9	127	41	5.1	.4	37
4	3.5N/50E-33DB	SP	7-80	BLACK SPRING	23.0	460	8.2	237	18	2.4	1.2	84
5	2N/50E-23CB6	SP	7-80	REVEILLE MILL	27.0	227	7.2	159	41	4.7	.9	36
6	1N/50E- 4AAD	ST	7-80	EDEN CREEK	21.0	160	7.6	120	44	13	2.8	14

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	--	--	--	--	--	--	--	--	--	--		ERTEC 80
2	6.0	--	146	12	31	.2	4.2	--	ND	ND	*1	ERTEC
3	.3	0	104	5.4	11	.3	.3	--	--	--	*1	ERTEC 80
4	.6	0	176	12	36	.7	ND	--	--	--		ERTEC 80
5	.3	0	104	5.1	11	.2	.3	--	--	--	*1	ERTEC 80
6	2.5	0	79	4.2	10	.2	ND	--	--	--		ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
** DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA REVEILLE VALLEY, NEVADA

30 NOV 81

TABLE F1-27

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C- 9- 7)35B	SP	7-64		19.0	421	7.6	266	14	50	8.0	28
2	(C- 9- 8)15DBC	SP	3-65	WINTER SPRINGS-W	.0	352	7.4	352	12	52	9.1	55
3	(C- 9- 8)18ADB	SP	2-73	SIMPSON SPRINGS-N	--	1100	7.4	606	15	85	16	120
4	(C- 9- 8)18ADC	SP	2-73		--	1200	7.4	674	13	90	18	140
5	(C-10- 7) 5C	SP	8-64		18.5	492	7.9	286	8.4	40	16	43
6	(C-10- 7) 8CAC	SP	7-64	CHERRY SPRINGS-W	--	664	7.6	379	13	60	25	44
7	(C-10- 7) 8CAD	SP	7-64	CHERRY SPRINGS-E	10.0	566	7.8	338	11	55	22	35
8	(C-10- 7)17A	SP	8-64		15.0	588	7.9	345	16	61	13	48
9	(C-10- 7)17BAB	SP	7-64		--	746	7.4	428	16	69	27	53
10	(C-10- 8) 2DBA	SP	7-64		9.5	698	7.6	409	16	70	27	46
11	(C-10- 8) 3ABB	SP	9-65	INDIAN SPRINGS-W	16.0	492	8.4	266	5.6	38	19	33
12	(C-10- 8) 4ABB	SP	7-64		10.5	732	7.7	426	13	77	28	46
13	(C-10- 9)21ACC	WE	8-71		--	1360	8.2	--	37	82	36	140
14	(C-12- 8) 9BBA	WE	5-63		18.0	964	7.2	530	41	68	27	80
15	(C-12- 9) 35BC	SP	7-64		--	3220	7.4	1810	16	230	110	270
16	(C-13- 5)24ACB	WE	4-74		--	736	7.6	--	59	52	36	350
17	(C-13- 6)12BCB	WE	3-80		--	--	--	--	37	99	62	--
18	(C-13- 6)26BAC	WE	3-80	CHRISTIANSEN WINDMIL	10.0	3700	7.1	--	55	120	30	--
19	(C-13- 7) 9CBC	WE	3-80	DESERT MOUNTAIN	16.0	920	7.8	432	.5	23	22	110
20	(C-14- 5)26DCC	WE	7-73		15.0	973	7.5	--	14	110	35	33
21	(C-14- 5)35CDC	WE	9-61		16.0	3520	--	--	--	--	--	--
22	(C-14- 5)35DAA	WE	7-52		--	--	7.6	--	--	--	--	--
23	(C-14- 5)36CCC	WE	3-59		--	2430	7.5	1430	32	130	94	250
24	(C-14- 6) 7BAB	WE	3-80		12.5	3100	7.4	--	38	150	53	--
25	(C-14- 6) 9DDA	WE	3-80		12.5	3500	7.4	--	38	140	22	--
26	(C-14- 7)20CCC	WE	4-63		17.0	2340	7.0	1330	23	82	51	320
27	(C-14- 8)10DDB	SP	3-79	BAKER HOT SPRING	--	--	--	3982	.6	210	150	580
28	(C-14- 8)25CCC	WE	4-63		15.0	2100	6.8	1200	17	54	36	320
29	(C-15- 4)10CAD	WE	8-63		--	1050	8.2	704	16	84	35	75
30	(C-15- 5) 2DDC	WE	6-68		15.0	1430	8.0	--	--	110	61	76
31	(C-15- 5)14BDA	WE	3-60		--	886	7.6	439	19	65	24	45
32	(C-15- 5)22BCB	WE	3-80		--	675	7.8	--	15	37	23	--
33	(C-15- 5)27DCC	WE	10-69		21.0	387	7.5	--	17	19	19	38
34	(C-15- 5)29DDA	WE	3-80		--	720	7.6	--	24	37	26	--
35	(C-15- 5)33DCB	WE	8-62		22.0	513	7.5	308	26	31	20	42
36	(C-15- 6) 4AAB	WE	10-79	DELTA WELL #1	--	--	--	2262	36	170	21	460
37	(C-15- 6)19CAC	WE	8-61		15.0	762	7.8	445	29	30	22	99
38	(C-15- 7)13CAA	WE	3-80		16.0	1250	7.5	--	23	37	5.0	--
39	(C-15- 7)33BCD	WE	6-62		15.0	513	7.4	300	23	19	7.5	76
40	(C-15- 7)36CBB	WE	9-61		16.0	524	8.2	330	38	30	13	62
41	(C-15- 8) 3CAC	WE	3-63		14.0	1590	7.4	919	22	12	5.4	320
42	(C-15- 8)23BBA	WE	9-61		13.0	1410	8.4	803	24	6.4	5.8	280
43	(C-15- 8)29CCC	WE	3-63		12.0	875	7.7	521	19	8.0	1.9	190
44	(C-16- 4)19BDA	WE	5-61		17.0	1290	7.7	849	40	100	43	89
45	(C-16- 4)18BDA	WE	7-77		16.5	1400	--	--	--	--	--	--
46	(C-16- 4)30DDB	WE	3-63		13.0	1350	7.5	802	18	110	46	99
47	(C-16- 5)13CAA	WE	7-61		20.0	349	7.7	209	29	32	14	22
48	(C-16- 5)19CBD	WE	10-60		20.0	322	7.5	202	24	24	18	19
49	(C-16- 5)19CBD	WE	6-61		20.0	325	7.9	208	25	26	18	19

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
SEVIER DESERT, UTAH
PAGE 1 OF 3

30 NOV 81 TABLE F1-28

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.8	0	189	38	17	.1	.3	60	110	10.0	*2	STEPHENS ET AL 78
2	1.1	0	209	67	26	.4	2.1	70	ND	20	*2	STEPHENS ET AL 78
3	2.3	0	309	180	34	.4	.2	--	30	ND	*3,*4	STEPHENS ET AL 78
4	2.0	0	334	200	44	.3	.5	--	30	ND	*3,*4	STEPHENS ET AL 78
5	1.1	0	212	54	14	.2	.1	80	80	20	*2	STEPHENS ET AL 78
6	4.3	0	304	60	26	.4	.3	80	90	10.0	*2	STEPHENS ET AL 78
7	.9	0	266	47	22	ND	1.0	20	80	10.0	*2	STEPHENS ET AL 78
8	.6	0	256	58	19	.2	1.1	60	820	90	*2	STEPHENS ET AL 78
9	1.2	0	330	75	28	.4	.1	70	70	30	*2	STEPHENS ET AL 78
10	.7	0	348	55	28	.3	.2	70	120	50	*2	STEPHENS ET AL 78
11	--	8	192	40	19	--	.2	--	--	--	*2	STEPHENS ET AL 78
12	1.2	0	360	54	39	.3	.2	60	110	20	*2	STEPHENS ET AL 78
13	8.0	1	195	290	71	.3	3.0	200	200	ND	*2	STEPHENS ET AL 78
14	.0	0	194	180	36	--	.7	80	--	--	*2,*5	MOWER ET AL 64
15	4.3	0	193	920	152	.1	1.1	190	--	--	*2,*4	STEPHENS ET AL 78
16	18	2	194	120	57	.6	10	--	--	--	*1	BLM 80
17	--	0	160	460	275	1.1	.0	--	--	--	*1	ERTEC 80
18	--	0	140	650	531	1.0	1.8	--	--	--	*1	ERTEC 80
19	14	0	140	120	44	.7	.8	--	--	--	*1	ERTEC 80
20	1.8	0	201	110	130	--	46	--	--	--	*2	USGS 79
21	--	--	--	810	--	--	--	--	--	--		MOWER ET AL 64
22	--	--	--	--	--	--	--	--	--	--		MOWER ET AL 64
23	--	0	245	560	250	--	2.3	--	--	--	*2,*4,*5	MOWER ET AL 64
24	--	0	269	460	356	1.7	ND	--	--	--		ERTEC 80
25	--	3	240	660	335	1.5	.0	--	--	--	*1	ERTEC 80
26	.0	0	90	540	268	--	2.1	--	--	--	*2,*4,*5	MOWER ET AL 64
27	160	ND	127	470	764	2.7	.0	--	--	--	*1	BLM 80
28	.0	0	66	450	283	--	2.7	--	--	--	*2,*4,*5	MOWER ET AL 64
29	5.3	2	222	150	108	.9	.9	100	790	--	*2,*4	MOWER ET AL 64
30	--	0	196	330	76	--	--	--	--	--		USGS 79
31	5.0	1	225	65	85	.5	.7	140	50	ND	*2,*4	MOWER ET AL 64
32	--	0	140	65	37	.3	ND	--	--	--		ERTEC 80
33	.0	9	177	28	24	--	ND	--	--	--	*5	USGS 79
34	--	0	120	65	40	.2	.1	--	--	--	*1	ERTEC 80
35	2.3	0	152	52	56	.3	3.1	70	ND	--	*2,*4	MOWER ET AL 64
36	.1	0	160	870	402	1.2	.2	--	--	--	*1	BLM 80
37	.0	0	202	110	62	--	.3	--	--	--	*5	MOWER ET AL 64
38	--	0	120	160	206	1.2	ND	--	--	--		ERTEC 80
39	.0	0	125	59	55	--	ND	--	--	--	*4,*5	MOWER ET AL 64
40	.0	0	150	58	55	--	.4	--	ND	--	*2,*4,*5	MOWER ET AL 64
41	.0	0	144	290	199	--	1.2	--	--	--	*2,*4,*5	MOWER ET AL 64
42	.0	6	166	250	149	--	.7	--	ND	--	*2,*4,*5	MOWER ET AL 64
43	.0	0	217	100	100	--	.3	--	--	--	*2,*4,*5	MOWER ET AL 64
44	--	0	212	230	129	--	8.9	--	ND	--	*2,*4	MOWER ET AL 64
45	--	0	--	--	--	--	--	--	--	--		MOWER ET AL 64
46	.0	0	279	170	159	--	56	--	--	--	*2,*4,*5	MOWER ET AL 64
47	.0	0	178	20	10	--	2.6	260	ND	--	*2,*5	MOWER ET AL 64
48	1.9	0	154	24	13	.2	1.8	.0	.0	--	*2,*4	MOWER ET AL 64
49	1.7	0	155	24	13	.2	2.9	80	ND	120	*2,*4	MOWER ET AL 64

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
SEVIER DESERT, UTAH
PAGE 2 OF 3

30 NOV 81 TABLE F1-28

ID. NO.	TOWNSHIP RANGE-SECT	SPCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
50	(C-16- 5)19CBD	WE	9-61		20.0	322	7.7	--	--	--	--	--
51	(C-16- 5)19CBD	WE	5-62		19.5	330	7.4	195	24	24	17	19
52	(C-16- 6)34BAD	WE	9-62		--	329	7.2	196	29	22	18	19
53	(C-16- 7) 2CBC	WE	6-55		13.0	495	8.0	299	25	24	18	55
54	(C-16- 7) 4ABB	WE	6-55		12.0	464	8.0	279	22	16	11	62
55	(C-16- 7)10BAD	WE	11-61		18.0	442	8.0	256	24	19	9.2	59
56	(C-16- 7)10BAD	WE	11-62		18.0	434	7.8	265	23	17	6.3	68
57	(C-16- 7)10BBA	WE	11-62		--	420	7.6	242	13	23	9.7	51
58	(C-16- 7)13CAD	WE	6-55		--	438	7.5	254	25	28	20	31
59	(C-16- 7)13CDC	WE	6-57		12.0	406	7.8	225	8.3	22	14	40
60	(C-16- 7)23DAD	WE	6-55		21.0	824	7.8	492	32	11	5.4	150
61	(C-16- 7)24BCA	WE	6-62		23.0	439	7.9	269	27	16	8.0	67
62	(C-16- 7)33BBA	WE	9-62		17.0	594	7.8	348	22	8.4	4.4	110
63	(C-16- 8)12DDD	WE	6-62		27.0	601	7.9	363	32	11	1.9	120
64	(C-16- 8)15DCD	WE	6-55		--	--	8.5	422	7.8	ND	20	14
65	(C-16- 8)21BCB	WE	12-47	TOPAZ CAMP WELL	26.0	2520	--	1480	41	28	11	510
66	(C-16- 8)21C3B	WE	11-57		29.0	3110	8.0	1760	41	35	13	610

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
50	--	0	155	22	--	--	--	--	--	--		MOWER ET AL 64
51	.0	0	159	22	11	--	.1	--	--	--	*2,*4	MOWER ET AL 64
52	.0	0	168	17	7	.3	.3	--	--	--	*2,*4,*5	MOWER ET AL 64
53	--	0	132	58	54	--	.1	--	--	--	*2,*4	MOWER ET AL 64
54	--	0	132	52	51	--	.1	--	--	--	*2,*4	MOWER ET AL 64
55	.0	0	137	42	41	--	--	.1	--	--	*4,*5	MOWER ET AL 64
56	.0	0	142	39	41	.5	.5	--	--	--	*2,*4,*5	MOWER ET AL 64
57	.0	0	125	46	38	.4	.4	--	--	--	*2,*4,*5	MOWER ET AL 64
58	.0	0	132	45	44	--	1.0	--	--	--	*2,*4,*5	MOWER ET AL 64
59	.0	0	119	44	37	--	.8	--	--	--	*2,*4,*5	MOWER ET AL 64
60	--	0	192	110	82	--	.2	--	--	--	*2,*4	MOWER ET AL 64
61	.0	0	149	40	38	--	ND	--	--	--	*4,*5	MOWER ET AL 64
62	.0	0	165	66	51	--	.4	--	--	--	*2,*4,*5	MOWER ET AL 64
63	.0	0	210	57	39	--	ND	--	--	--	*4,*5	MOWER ET AL 64
64	.0	4	228	110	107	.1	4.0	--	160	--	*2,*4,*5	MOWER ET AL 64
65	.0	14	188	620	173	--	.2	--	--	--	*2,*4,*5	MOWER ET AL 64
66	.0	0	208	770	192	--	1.8	--	--	--	*2,*4,*5	MOWER ET AL 64

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
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BORON IRON *MANGANESE

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SELECTED WATER QUALITY DATA
SEVIER DESERT, UTAH
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30 NOV 81 TABLE F1-28

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-12-17)34BBD	WE	7-79		13.0	580	7.9	402	36	47	29	77
2	(C-12-17)36DBA	WE	7-79	HOWELL RANCH	15.0	1150	7.8	709	25	74	41	120
3	(C-12-18) 9DB	ST	8-79	GRANITE CREEK	14.0	62	7.7	44	12	7.7	1.5	4.1
4	(C-12-18)11BAA	ST	8-79	COTTONWOOD CREEK	15.5	220	8.7	202	22	25	5.3	17
5	(C-13-18)13ACC	WE	7-79		17.0	150	8.2	115	26	15	4.0	10.0
6	(C-13-18)28CCC	WE	10-69	PARTOUN SCH.WELL	--	897	7.6	541	--	48	23	110
7	(C-13-18)28CDD	WE	7-79		25.0	420	8.3	--	43	22	19	43
8	(C-13-18)28DA	WE	12-64	FREDS WELL	--	339	7.7	248	--	62	22	28
9	(C-13-18)30AB	SP	8-79	LIME SPRING	14.0	320	7.0	318	19	59	13	27
10	(C-13-18)35C	WE	10-69	NATHAN HALE WELL	--	489	7.8	308	--	35	6.6	--
11	(C-14-18) 3CDC	WE	7-79	NATHAN HALE RANCH	14.0	390	8.2	301	35	32	20	42
12	(C-14-18) 4BDB	WE	7-79		13.0	560	7.7	413	23	55	30	57
13	(C-14-18) 4CDD	WE	7-79		20.0	310	8.5	198	18	24	12	25
14	(C-14-18)17AAA	WE	7-79	HOWELL RANCH	13.0	145	8.2	204	21	33	9.2	20
15	(C-14-18)22BD	SP	7-79		13.0	960	7.5	765	47	88	47	110
16	(C-15-17) 8BAA	WE	-52		--	--	--	1960	--	86	8.0	580
17	(C-15-19)31BC	SP	7-79	WARM SPRINGS	26.0	520	8.1	251	29	51	18	29
18	(C-16-18)22CAB	SP	8-79	TWIN SPRING	20.0	520	6.8	436	21	61	30	60
19	(C-17-19) 4ADD	WE	7-72		16.0	428	7.3	236	16	33	14	34
20	(C-17-19) 4ADD	WE	7-73		16.0	428	7.3	228	--	34	1.9	--
21	(C-17-19) 4ADD	WE	7-74		15.5	425	--	--	--	--	--	--
22	(C-17-19) 4ADD	WE	7-75		17.0	375	--	--	--	--	--	--
23	(C-17-19) 4ADD	WE	7-76		15.0	460	7.4	261	15	39	15	37
24	(C-17-19) 4ADD	WE	9-78		18.0	430	--	--	--	--	--	--
25	(C-17-19) 4ADD	WE	7-79		17.0	460	8.0	250	--	--	--	--
26	(C-18-18)16ABB	SP	10-64		19.0	688	7.6	412	--	63	28	57
27	(C-18-18)16CAA	SP	8-79	KNOLL SPRINGS SOUTH	18.0	470	7.6	779	25	59	27	69
28	(C-18-19)29DDD2	WE	10-57	J.D.HILL WELL	23.0	327	--	186	--	28	9.0	28
29	(C-19-19)34ABD	WE	7-79		16.0	240	8.1	188	22	29	7.2	20
30	(C-19-19)35CDD	WE	7-79		11.0	370	--	306	31	49	22	23
31	(C-20-19) 6BCC	WE	11-64		13.0	359	7.4	--	--	38	14	17
32	(C-20-19) 6CBC	WE	8-79		15.0	260	8.1	203	16	37	15	13
33	(C-20-19) 7BDD	WE	11-54	SORENSON WELL	--	330	7.4	196	--	36	13	14
34	(C-20-19)14B	WE	11-27	QUATE WELL	--	--	--	240	--	47	19	16
35	(C-20-19)15BBD	WE	8-79		16.0	320	7.7	256	23	51	13	25
36	(C-20-19)21ADD	WE	8-79		13.0	335	7.7	233	17	36	13	21
37	(C-20-19)30ABC	WE	7-79		14.0	290	6.8	218	27	46	8.8	12
38	(C-21-17) 8DCB	WE	8-79		14.0	430	7.4	437	30	35	33	50
39	(C-21-18)17ADD	WE	8-79	8-MILE WELL	14.0	770	7.1	490	1.2	60	30	36
40	17N/70E- 9A	ST	8-79	SMITH CREEK	13.0	160	7.6	131	12	31	4.2	4.7
41	15N/70E- 1	ST	8-79	HENDRYS CREEK	15.5	250	7.8	187	11	52	6.3	4.7
42	11N/62E- 4BB	WE	7-79	GONDER RANCH	10.5	300	--	292	34	43	17	30

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SELECTED WATER QUALITY DATA
SNAKE VALLEY, NEVADA
PAGE 1 OF 2

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TABLE F1-29

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.3	0	163	75	50	.5	.5	--	--	--	*1,*4	ERTEC 79
2	4.2	0	150	250	111	.2	6.4	--	--	--	*1,*4	ERTEC 79
3	39	0	15	1.5	6	.1	.1	--	--	--	*1,*4	ERTEC 79
4	1.2	0	121	11	9	.5	ND	--	--	--	*4	ERTEC 79
5	1.0	0	58	9.0	12	.1	.1	--	--	--	*1,*4	ERTEC 79
6	.0	--	254	110	90	1.2	ND	200	--	--	*5	HOOD ET AL 65
7	3.2	0	195	12	21	.5	.6	--	--	--	*1	ERTEC 79
8	.0	--	88	49	38	--	--	550	--	--	*5	HOOD ET AL 65
9	1.9	0	141	62	64	.7	ND	--	--	--	*4	ERTEC 79
10	--	--	68	20	250	.6	.4	30	--	--	*2	HOOD ET AL 65
11	3.5	0	233	21	28	.4	.3	--	--	--	*1,*4	ERTEC 79
12	2.9	0	272	66	42	.2	.5	--	--	--	*1,*4	ERTEC 79
13	1.7	0	165	17	17	.1	.8	--	--	--	*1,*4	ERTEC 79
14	1.8	0	112	42	19	ND	1.1	--	--	--	*1,*4	ERTEC 79
15	13	0	335	100	191	1.5	ND	--	--	--	*4	ERTEC 79
16	.0	--	212	290	989	--	--	--	--	--	*5	HOOD ET AL 65
17	3.7	0	139	34	26	.5	.2	--	--	--	*1,*4	ERTEC 79
18	5.8	0	297	50	59	.5	.6	--	--	--	*1,*4	ERTEC 79
19	1.7	0	197	27	13	--	--	--	--	--	*4	USGS 79
20	--	0	192	25	13	--	--	--	--	--	*4	USGS 79
21	--	--	--	--	--	--	--	--	--	--		USGS 79
22	--	--	--	--	--	--	--	--	--	--		USGS 79
23	1.7	0	213	27	13	.2	--	70	10.0	ND	*4	USGS 79
24	--	--	--	--	--	--	--	--	--	--		USGS 79
25	--	--	--	--	--	--	--	--	--	--	*4	USGS 79
26	.0	0	317	52	58	--	--	--	--	--	*2,*5	HOOD ET AL 65
27	4.9	0	271	230	247	1.1	.2	--	--	--	*1,*4	ERTEC 79
28	.0	--	159	18	10	--	.9	--	--	--	*2,*5	HOOD ET AL 65
29	1.8	0	112	32	19	.1	.6	--	--	--	*1,*4	ERTEC 79
30	2.5	0	236	31	28	.3	.1	--	--	--	*1	ERTEC 79
31	.0	0	160	31	16	--	--	--	--	--	*5	HOOD ET AL 65
32	1.1	0	166	21	16	.1	1.0	--	--	--	*1,*4	ERTEC 79
33	.0	--	164	17	16	--	1.8	--	--	--	*2,*5	HOOD ET AL 65
34	.0	--	232	15	15	--	.1	--	--	--	*2,*5	HOOD ET AL 65
35	2.6	0	194	31	14	.4	1.3	--	--	--	*1,*4	ERTEC 79
36	3.2	0	166	29	32	.2	.5	--	--	--	*1,*4	ERTEC 79
37	.9	4	160	22	16	.1	.2	--	--	--	*1,*4	ERTEC 79
38	6.9	0	191	69	116	2.2	.2	--	--	--	*1,*4	ERTEC 79
39	3.1	0	156	19	170	1.6	.6	--	--	--	*1,*4	ERTEC 79
40	.9	0	122	3.0	14	.1	ND	--	--	--	*4	ERTEC 79
41	.6	0	201	3.5	8	.1	ND	--	--	--	*4	ERTEC 79
42	2.2	0	199	25	40	.2	.1	--	--	--	*1,*4	ERTEC 79

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1	23N/66E-31A1	WE	6-50		32.0	309	--	--	--	24	7.4	34
2	19N/67E-13AA	WE	6-80		12.0	460	7.5	288	36	39	17	35
3	18N/66E-25A1	WE	6-50		12.0	112	--	--	--	10.0	3.6	12
4	18N/67E- 1C1	WE	7-64		12.0	975	8.1	--	--	47	26	120
5	17N/66E- 3AB	ST	6-80	MC COY CREEK	9.0	--	--	--	8.0	2.1	1.7	2.3
6	17N/66E-15AC	ST	6-80	TAFT CREEK	6.0	--	7.3	3	5.0	2.0	.7	1.0
7	16N/65E-13A1	SP	7-64		13.0	287	7.8	--	--	38	7.8	15
8	16N/66E-34BA	ST	6-80	CLEAVE CREEK	12.0	--	8.0	35	8.0	12	3.2	1.7
9	16N/67E- 3A2	WE	6-80		16.0	575	7.3	285	20	56	27	20
10	16N/67E-27D	WE	7-64		16.0	911	8.0	--	--	58	30	110
11	15N/65E-21AC	SP	6-80	EASTAIN SPRING	11.0	--	8.2	147	8.0	53	7.0	3.7
12	15N/68E- 3B	WE	7-64		12.0	626	8.0	--	--	65	33	21
13	14N/66E-24A1	WE	7-64		12.0	499	7.8	--	--	48	26	22
14	14N/67E-16DD	WE	6-80		13.0	--	8.2	236	23	26	10	43
15	13N/67E-15D1	WE	6-50		19.0	161	--	--	--	17	3.3	14
16	13N/67E-19D	WE	7-64		12.0	395	8.2	--	--	39	22	12
17	13N/67E-33D	WE	7-64		14.0	750	3.5	--	--	61	14	82
18	13N/67E-35D1	WE	7-64		23.0	158	--	--	--	18	1.0	16
19	13N/68E-17C9	ST	6-80	PINE CREEK	10.0	--	7.6	14	9.0	4.6	2.6	2.5
20	13N/68E-32DB	ST	6-80	WILLIAMS CREEK	6.5	--	7.6	9	10.0	3.2	1.7	2.0
21	12N/67E- 2A	WE	6-80		23.0	--	8.0	71	22	20	2.7	9.2
22	11N/66E-35DB	WE	6-80		12.0	--	8.3	160	15	30	21	7.8
23	11N/67E- 1BC	WE	6-80		11.0	--	8.2	144	11	47	10	3.8
24	11N/68E- 4C	SP	6-80	WALLOW SPRING	9.0	--	8.0	137	5.0	48	8.8	1.4
25	9N/67E-27A1	SP	7-64		21.0	236	7.7	--	--	24	6.8	18
26	9N/68E-30AB1	WE	9-80	USAF TEST WELL	15.0	--	--	193	57	24	12	9.6
27	9N/68E-30AB1	WE	9-80	USAF TEST WELL	15.0	--	--	193	57	24	12	9.6

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1	--	0	141	16	22	--	--	--	--	--		RUSH ET AL 65
2	2.9	0	200	13	56	.3	.7	--	--	--	*1	ERTEC 80
3	--	0	63	5.0	3	--	--	--	--	--		RUSH ET AL 65
4	--	0	266	85	148	--	--	--	--	--		RUSH ET AL 65
5	.6	--	--	2.8	2	.1	ND	--	--	--		ERTEC 80
6	.6	--	--	1.0 ND		.2	.1	--	--	--	*1	ERTEC 80
7	--	0	172	4.7	12	--	--	--	--	--		RUSH ET AL 65
8	.4	--	--	.9	6	ND	ND	--	--	--		ERTEC 80
9	1.5	0	360	14 ND		.2	.1	--	--	--	*1	ERTEC 80
10	--	0	521	23	36	--	--	--	--	--		RUSH ET AL 65
11	.5	--	--	2.2	5	ND	.3	--	--	--	*1	ERTEC 80
12	--	0	346	23	26	--	--	--	--	--		RUSH ET AL 65
13	--	0	220	19	63	--	--	--	--	--		RUSH ET AL 65
14	2.6	--	176	25	66	.3	.5	--	--	--	*1	ERTEC 80
15	--	3	86	7.0	7	--	--	--	--	--		RUSH ET AL 65
16	--	0	206	8.0	36	--	--	--	--	--		RUSH ET AL 65
17	--	16	239	80	52	--	--	--	--	--		RUSH ET AL 65
18	--	0	88	3.5	5	--	--	--	--	--		RUSH ET AL 65
19	.6	--	--	1.8	6	.1	ND	--	--	--		ERTEC 80
20	.5	--	--	1.2	2	.3	.0	--	--	--		ERTEC 80
21	1.1	--	--	2.6	6	ND	.2	--	--	--	*1	ERTEC 80
22	1.2	--	--	5.4	12	.4	.8	--	--	--	*1	ERTEC 80
23	.6	--	--	1.5	6	.1	.5	--	--	--	*1	ERTEC 80
24	.4	--	--	1.1	4	.1	.0	--	--	--		ERTEC 80
25	--	0	122	11	11	--	--	--	--	--		RUSH ET AL 65
26	3.3	--	133	12	8	.3	1.1	--	20	ND	*1	ERTEC 80
27	3.3	--	--	12	8	.2	1.1	--	20	10.0	*1	ERTEC 80

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SELECTED WATER QUALITY DATA SPRING VALLEY, NEVADA

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ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	16N/63E-15DAC	WE	6-80	ELY CITY WELL	14.0	300	7.7	229	.0	34	23	11
2	16N/63E-20A	SP	4-63		14.0	374	7.6	--	--	49	18	3.5
3	16N/63E-29ABA	SP	6-80	MURRY SPRING	5.5	320	7.5	203	9.5	36	23	4.0
4	15N/63E-16DDD	SP	6-80	LOWRY SPRING	10.0	460	7.2	--	11	91	5.1	8.1
5	15N/64E- 5DBC	SP	6-80		11.0	400	7.6	--	19	43	20	14
6	15N/65E-12BDD	SP	6-80	CAVE SPRING	8.0	420	7.1	--	7.7	48	23	7.1
7	15N/65E-10D1	ST	10-65		--	305	8.0	--	--	32	18	11
8	14N/63E-35A	SP	9-65	WILLOW CK. SPRS.	12.0	225	8.1	--	--	25	14	7.8
9	14N/63E-36AAB	ST	5-79	WILLOW CREEK	12.0	--	8.5	297	--	28	--	.5
10	14N/64E- 9D	WE	6-80		10.0	340	7.8	--	26	37	22	7.9
11	14N/64E-36A	WE	7-65		16.0	332	8.2	--	--	31	20	8.7
12	13N/63E- 8	SP	5-79	MAHOGANY SPR.	13.0	--	8.3	140	--	5.4	--	3.0
13	13N/63E-10B	SP	5-79	MARTIN SPRING	11.0	--	8.0	363	--	41	--	1.4
14	13N/64E- 2DDB	WE	6-80		10.0	360	7.9	--	41	42	17	13
15	13N/64E- 9D	WE	7-65		16.0	379	8.2	--	--	39	28	5.5
16	13N/64E-22C	WE	6-80		10.0	650	7.6	493	73	32	19	110
17	13N/64E-22CBC	WE	6-80	HORSECAMP WELL	15.0	380	6.6	325	.0	32	28	8.4
18	13N/65E-10BAB	SP	6-80	ROSEBUD SPRING	7.0	420	7.4	--	8.0	59	19	9.0
19	12N/63E- 1D1	SP	10-65		11.0	296	8.0	--	--	48	8.8	12
20	12N/63E- 2	SP	5-79	S.WHITE ROCK SPR.	12.0	--	8.5	306	--	32	--	1.3
21	12N/63E-12BA	SP	1-81	JONES SPRING	11.0	495	7.5	302	26	62	14	16
22	12N/63E-35BAB	SP	5-79	JONES SPRING	11.0	--	8.0	312	--	28	--	4.7
23	12N/64E-29DCD	SP	6-80		10.0	328	7.9	--	24	69	8.3	10.0
24	12N/65E-17D	SP	5-79	HORSECAMP SPRING	9.0	--	7.6	361	--	27	--	2.2
25	12N/65E-17DBC	SP	6-80	HORSECAMP SPRING	9.5	500	7.3	--	38	85	12	12
26	11N/63E- 2	SP	5-79	BULLWACKER SPR.	8.0	--	7.3	365	--	32	--	5.1
27	11N/63E- 4ABA	SP	6-80	HOLE-IN-BANK SPRING	12.0	320	7.4	--	48	43	11	14
28	11N/64E-12DCA	SP	6-80	LOWER SPRING	16.0	320	8.4	--	18	53	13	9.9
29	11N/65E- 7	SP	5-79	CATTLE CAMP SPR.	10.0	--	7.6	303	--	25	--	1.8

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	2.5	0	204	7.6	14	.1	.7	--	--	--	*1	ERTEC 80
2	.7	0	232	1.3	9	.2	2.5	100	--	--	*2	EAKIN ET AL 67
3	.7	0	228	3.5	9	.1	.6	--	--	--	*1	ERTEC 80
4	.8	0	296	8.8	21	.3	1.2	--	--	--	*1	ERTEC 80
5	1.7	0	235	12	14	.1	1.3	--	--	--	*1	ERTEC 80
6	1.0	0	252	12	12	.2	.3	--	--	--	*1	ERTEC 80
7	.0	0	175	4.8	28	--	--	--	--	--	*5	EAKIN ET AL 67
8	.0	0	143	4.6	15	--	--	--	--	--	*5	EAKIN ET AL 67
9	2.4	0	230	3.5	2	--	.1	--	--	ND	*1	ERTEC 79
10	1.9	0	216	14	12	.3	2.8	--	--	--	*1	ERTEC 80
11	.0	0	174	11	20	--	--	--	--	--	*5	EAKIN ET AL 65
12	2.8	0	110	5.0	10	--	.6	--	--	ND	*1	ERTEC 79
13	1.6	0	280	4.2	3	--	.7	--	--	ND	*1	ERTEC 79
14	6.4	0	168	27	40	.4	4.6	--	--	--	*1	ERTEC 80
15	.0	0	228	10.0	22	--	--	--	--	--	*5	EAKIN ET AL 67
16	10.0	0	344	31	64	.8	1.2	--	--	--	*1	ERTEC 80
17	1.3	0	212	8.8	16	.2	2.1	--	--	--	*1	ERTEC 80
18	.5	0	256	11	26	.4	.1	--	--	--	*1	ERTEC 80
19	.0	0	183	4.2	25	--	--	--	--	--	*5	EAKIN ET AL 67
20	1.3	40	180	4.4	10	--	.2	--	--	ND	*1	ERTEC 79
21	4.3	1	223	17	50	.2	1.3	--	150	ND	*1	ERTEC
22	3.4	0	220	8.6	27	--	.3	--	--	390	*1	ERTEC 79
23	2.2	0	184	8.8	12	.2	4.6	--	--	--	*1	ERTEC 80
24	2.7	20	260	7.9	13	--	.6	--	--	ND	*1	ERTEC 79
25	4.8	0	325	14	18	.3	.3	--	--	--	*1	ERTEC 80
26	2.7	0	200	9.7	36	--	1.0	--	--	110	*1	ERTEC 79
27	3.9	0	196	6.7	10	.2	.7	--	--	--	*1	ERTEC 80
28	1.8	0	200	16	12	.4	2.3	--	--	--	*1	ERTEC 80
29	1.9	0	200	3.5	1	--	.3	--	--	ND	*1	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES:
*1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA STEPTOE VALLEY, NEVADA

30 NOV 81 TABLE F1-31

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	5N/48E-28CD	SP	9-80	WARM SPRING	27.0	295	10.0	184	69	.5	.2	63
2	5N/47E-13BC	SP	9-80	POINT OF ROCK	20.0	690	8.1	--	--	--	--	--
3	5N/47E-26C	SP	9-80	SIDEHILL SPRING	19.0	230	6.8	197	69	24	5.2	25
4	4N/46E-35CB	SP	9-80	MUD SPRING	13.0	470	7.3	384	67	21	15	73
5	4N/47E-10AA	SP	9-80	FOUR MILE	21.0	280	6.8	--	--	--	--	--
6	4N/43E-17	SP			--	--	--	--	--	23	2.1	36
7	2N/47E-14AC	SP	7-67		29.0	1560	7.8	945	25	--	--	280
8	2N/47E-14AC	SP	9-80		21.0	1250	6.6	986	25	43	26	289
9	1N/47E-33AB	SE	9-80	REEDS RANCH	18.0	320	7.2	274	72	23	2.7	48

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	5.5	0	134	10.0	15	.5	.5	--	15	ND	*1	ERTEC 80
2	--	--	--	--	--	--	--	--	--	--		ERTEC 80
3	5.5	0	130	10	15	.5	.5	--	20	ND	*1	ERTEC 80
4	8.0	0	224	26	50	.7	.6	--	200	20	*1	ERTEC 80
5	--	--	--	--	--	--	--	--	--	--		ERTEC 80
6	7.8	0	130	13	19	.5	2.6	ND	--	--	*2	EAKIN 62
7	27	--	702	36	222	6.2	.7	610	--	--	*2	EAKIN 62
8	30	0	733	4.2	262	6.1	ND	--	800	300		ERTEC 80
9	7.0	0	146	18	37	1.0	1.4	--	600	10.0	*1	ERTEC 80

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
STONE CABIN VALLEY, NEVADA

30 NOV 81 TABLE F1-32

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-15-13)19ABA	SP	8-79	TUCK SPRING	17.0	1650	7.4	--	8.2	79	48	190
2	(C-15-14)22DDD	WE	8-79	WEST SWAZEY	14.0	--	7.2	1620	36	17	100	350
3	(C-15-16)11ABD	WE	1-76	WELL 58	--	1270	--	716	24	33	35	160
4	(C-16-13)33ABB	SP	8-79	SINBAD SPRINGS	13.0	690	7.3	--	11	58	28	46
5	(C-16-15)13BAB	SP	9-74	COYOTE SPRING	28.0	2400	--	1430	23	71	38	350
6	(C-16-15)26CAB	SP	8-79		25.0	1750	7.6	--	24	77	43	240
7	(C-16-16)34BCD	WE	8-79	INDIAN TRAIL WELL	15.0	3350	7.2	--	31	170	100	72
8	(C-17-13) 4BAA	SP	8-79	WILDHORSE SPRING	15.0	850	7.3	--	12	75	21	85
9	(C-17-15)10AAB	SP	4-79	TULE SPRING	27.0	2400	7.4	969	22	71	35	200
10	(C-17-15)10ACA	SP	8-79		28.0	1550	7.8	--	23	60	33	190
11	(C-17-15)15ABC	SP	8-79		28.0	1550	7.8	--	23	60	33	190
12	(C-17-15)17CA1	WE	8-80	USAF TEST WELL	--	--	--	1660	39	270	69	90
13	(C-17-15)17CA1	WE	9-80	USAF TEST WELL	--	--	--	1665	39	270	69	90
14	(C-17-16)28D3D	SP	8-79	SKUNK SPRING	29.0	2700	7.9	--	16	240	110	170
15	(C-19-14) 5ADC	SP	8-79	PAINTER SPRING	17.0	2300	7.9	--	17	72	15	98
16	(C-20-14) 6DD1	WE	8-80		20.0	1482	7.9	824	--	28	25	250
17	(C-20-14) 6DD1	WE	8-80		18.0	1492	7.9	828	--	17	33	250
18	(C-22-14) 1C9A	WE	1-76	IBEX WELL	--	1320	--	821	22	47	33	180

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	3.0	0	142	390	83	.1	1.3	--	--	--	*1	ERTEC 79
2	20	0	290	930	186	.6	1.1	--	--	--	*1	ERTEC 79
3	9.0	0	132	240	130	.7	4.2	310	--	--	*3	STEPHENS 77
4	1.8	0	200	6.1	26	.1	1.0	--	--	--	*1	ERTEC 79
5	37	0	266	450	330	1.1	.1	610	30	ND	*3,*4	STEPHENS 77
6	26	0	292	37	59	.2	.1	--	--	--	*1	ERTEC 79
7	6.3	0	320	90	851	.8	19	--	--	--	*1	ERTEC 79
8	1.2	0	320	110	39	.2	ND	--	--	--		ERTEC 79
9	21	--	220	280	230	--	--	--	--	--	*1,*4	USGS 79
10	20	0	234	280	314	1.3	.3	--	--	--	*1	ERTEC 79
11	20	19	220	330	314	1.3	.3	--	--	--	*1	ERTEC 79
12	--	--	--	100	920	--	.2	--	--	--	*1,*4	ERTEC 80
13	11	--	--	100	910	--	.1	--	--	--	*1,*4	ERTEC 80
14	2.8	0	264	640	270	.7	.4	--	--	--	*2	ERTEC 79
15	2.8	0	280	130	36	.5	ND	--	--	--		ERTEC 79
16	13	0	275	260	112	1.5	.2	--	--	--	*1	ERTEC 80
17	14	0	286	270	112	1.6	.2	--	--	--	*1	ERTEC 80
18	19	0	297	170	200	1.1	.5	340	ND	ND	*3	STEPHENS 77

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE ON EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA TULE VALLEY, UTAH

30 NOV 81

TABLE F1-33

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-24-13)34CCB1	WE	9-63		--	2730	7.2	1600	30	64	45	440
2	(C-26-13)22ACC	SP	9-63	CRYSTAL SPRING	--	158	7.3	99	11	18	2.9	9.5
3	(C-27-13) 9ABA	WE	10-72		15.0	4020	8.0	3240	24	650	190	100
4	(C-27-13) 9ABA S	SP	10-72	MINE DRAIN	15.0	4020	8.0	3240	24	650	190	100
5	(C-27-13)14DCD	SP	9-63	MINE	13.0	2100	8.2	1650	17	220	81	82
6	(C-27-13)26CAA	SP	9-63	SQUAW SPRING	16.0	1410	8.0	1000	26	150	42	71
7	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	24.0	700	7.8	362	30	46	19	48
8	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	710	7.5	357	34	48	20	48
9	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	715	7.4	389	32	53	21	46
10	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	705	7.9	396	35	48	20	48
11	(C-27-14)28DD1	WE	4-81	USAF TEST WELL	25.0	670	7.7	376	34	40	22	51
12	(C-27-15)11ABA	SP	9-62	WAH WAH SPRINGS	19.5	624	7.9	340	13	67	29	22
13	(C-27-15)11ABA	SP	10-72	WAH WAH SPRINGS	17.0	410	7.6	--	13	32	47	16
14	(C-27-15)12BCD	SP	10-72	WAH WAH SPRINGS	16.5	617	8.1	348	15	64	31	21
15	(C-28-13)18ADB	SP	8-63	ANTELOPE SPRING	14.5	668	7.9	446	39	59	17	47
16	(C-28-14)11ABB1	WE	9-73		--	535	8.3	385	58	21	6.4	86
17	(C-28-14)11ABB1	WE	2-74		24.5	514	7.8	--	65	--	--	67
18	(C-28-15)10AAB	SP	10-72	KILN SPRING	14.0	985	7.5	586	39	120	39	33
19	(C-28-15)25CCC	SP	6-73		11.5	7490	7.6	4550	46	630	220	200
20	(C-29-15) 2DAD	SP	6-73	WILLOW SPRING	13.0	1940	7.7	1170	28	190	64	130
21	(C-29-16) 2DCD	SP	10-72		14.0	550	8.1	322	9.6	100	10.0	6.3

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	18	0	136	670	205	.4	4.9	190	210		ND *2	STEPHENS 74
2	1.1	0	50	14	16	.3	1.0	30	160		ND *2,*4	STEPHENS 74
3	8.7	0	132	600	1600	1.1	.0	--	--		-- *4,*5,*6	USGS 79
4	8.7	0	132	600	1600	1.1	.0	200	20		20 *3,*4	STEPHENS 74
5	5.6	0	140	420	288	.6	73	100	450		190 *2	STEPHENS 74
6	.6	0	232	300	76	.5	11	120	120		ND *2	STEPHENS 74
7	4.9	--	142	100	58	.4	.8	--	40		45 *1,*4	ERTEC
8	5.1	0	125	100	59	.4	.9	--	--		20 *1,*4	ERTEC
9	5.2	0	122	110	62	.4	.9	--	150		40 *1,*4	ERTEC
10	5.1	0	107	110	59	.4	1.0	ND	ND		ND *1,*4	ERTEC
11	5.0	0	87	110	61	.5	1.1	--	ND		30 *1,*4	ERTEC
12	1.5	0	316	37	14	.1	5.7	20	--		-- *2	STEPHENS 74
13	2.0	0	259	55	18	.1	1.8	--	--		-- *2	STEPHENS 74
14	1.4	0	319	38	15	.2	1.4	120	30		-- *3,*4	STEPHENS 74
15	3.4	0	144	120	37	.3	10.0	100	350		50 *2	STEPHENS 74
16	11	0	169	32	82	1.0	.8	210	--		-- *3,*4	STEPHENS 74
17	11	0	152	28	66	1.0	--	190	170		-- *3	STEPHENS 74
18	1.8	0	389	110	39	.2	2.8	120	20		10.0 *3,*4	STEPHENS 74
19	1.1	0	296	2100	710	1.3	.6	2300	200		300 *2,*4	STEPHENS 74
20	1.7	0	139	360	230	.5	.1	280	300		200 *3,*4	STEPHENS 74
21	.6	0	341	10.0	14	.1	.7	30	10.0		ND *3,*4	STEPHENS 74

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE, UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT *1 NITRATE REPORTED AS N
NOTES: *2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 NA+K AS NA
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ND = NOT DETECTED

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MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA
WAH WAH VALLEY, UTAH

30 NOV 81 TABLE F1 34

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP DEG C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	(C-15-12)19AD2	WE	12-80	USAF TEST WELL	37.0	--	--	343	50	15	8.2	87
2	(C-16-13)23AD	SP	11-79	SWAZEY SPRING	8.0	365	7.5	--	13	26	16	43
3	(C-16-13)36A0	SP	11-79	ANTELOPE SPRING	11.0	665	7.6	--	13	23	12	29

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	9.6	--	190	64	15	.1	.6	--	--	--	*1,*6	ERTEC 80
2	2.0	0	249	85	27	.1	.4	--	--	--	*1	ERTEC 79
3	2.0	0	205	80	16	.0	.9	--	--	--	*1	ERTEC 79

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

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*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
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*5 NA+K AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

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The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA WHIRLWIND VALLEY, UTAH

30 NOV 81

TABLE F1-35

ID. NO.	TOWNSHIP RANGE-SECT	SRCE	MO YR	STATION NAME	TEMP Deg C	SP. COND	PH	DISS. SOLIDS	SILICA (SIO2)	CALCIUM (CA)	MAGNESIUM (MG)	SODIUM (NA)
1	14N/60E- 4D	WE	7-75	MIDWAY WELL	13.0	600	8.2	430	--	53	15	75
2	14N/62E-22A	WE	7-75	PRESTON SEEP.WELL	16.5	365	8.2	250	12	56	19	5.0
3	13N/61E- 9DC	WE	7-75	BLACKJACK INN	18.5	520	7.8	415	61	43	5.0	76
4	12N/61E-34A	WE	7-75		14.5	750	8.2	600	--	75	54	74
5	12N/61E-34ADA	WE	8-79		18.0	570	7.5	356	21	69	24	19
6	12N/62E-32AAD	WE	8-79		13.0	640	7.3	447	45	58	39	38
7	11N/61E-32BBD	WE	7-79		21.0	580	7.8	353	28	56	22	41
8	11N/61E-35ACC	WE	7-79		16.0	1050	7.5	--	47	130	44	150
9	11N/62E- 4ABD	WE	8-79		15.0	490	7.3	331	24	61	32	14
10	11N/62E- 8CAA	WE	8-79		12.0	730	7.1	--	46	68	47	29
11	11N/62E-17CC	WE	8-79		13.0	480	7.2	302	40	48	27	10.0
12	11N/62E-33AC	SP	8-79		17.0	490	7.4	298	15	62	22	5.8
13	11N/62E-33D	WE	8-79		18.0	510	7.4	279	14	63	23	5.7
14	10N/60E-24CB	WE	7-75		20.0	670	8.1	405	37	76	29	38
15	10N/61E-21ABB	WE	7-79		21.0	380	7.6	312	63	44	19	21
16	10N/61E-23ABA	WE	8-79		15.0	720	7.2	557	37	70	44	41
17	10N/62E-31BBC	SP	8-79	DEE GEE SPRING	18.0	410	7.1	250	21	42	24	10.0
18	9N/59E-36C	WE	7-75	WALLS STATION	12.0	780	7.2	600	--	88	35	41
19	9N/61E-13C	SP	8-79	HARDY SPRING	15.0	440	7.5	263	15	55	22	65
20	9N/61E-32D	SP	8-79	MORMON HOT SPRING	36.0	720	7.3	348	29	61	19	26
21	9N/62E-19AC	SP	8-79	EMIGRANT SPRING	20.0	520	7.1	275	13	59	24	5.6
22	8N/61E-27DC	WE	7-75	RIORDAN WELL	23.5	470	8.0	290	--	45	25	--
23	8N/61E-27DCC	WE	12-79	USAF TEST WELL	--	--	--	--	--	--	11	68
24	8N/61E-27DCC	WE	12-79	USAF TEST WELL	--	--	--	--	--	--	--	--
25	8N/62E-14CAA	SP	8-79	SILVER SPRING	22.0	460	7.4	272	27	18	52	14
26	8N/63E-19ADA	SP	8-79	SHINGLE SPRING	16.0	520	7.4	328	47	57	18	16
27	7N/61E-36CCA	WE	7-79		17.0	430	7.9	328	86	36	35	13
28	7N/62E-28AD	SP	-44	BUTTERFIELD SPR.	--	--	--	283	46	40	23	2.0
29	6N/59E-18DA	SP	7-79	FOREST HOPE SPRING	28.0	550	7.3	299	15	62	29	9.5
30	6N/60E-25B	SP	8-79	MOON RIVER SPRING	33.0	640	7.4	312	26	53	21	22
31	6N/61E-19DA	SP	4-63	HOT CREEK SPRING	27.0	548	7.6	--	28	60	24	24
32	6N/61E-19BB	WE	7-75	FOREST MOON RANCH	21.5	400	7.8	290	--	42	24	23
33	5N/60E-24D	WE	7-75		14.5	2500	5.3	2470	72	47	150	550

ID. NO.	POTASSIUM (K)	CARBONATE (CO3)	BICARB. (HCO3)	CHLORIDE (CL)	SULFATE (SO4)	FLUORIDE (F)	NITRATE (N)	BORON (B)	IRON (FE)	MANGANESE (MN)	REMARKS	REFERENCE
1	4.0	0	252	68	57	--	--	--	--	--	*6	BATEMAN 76
2	1.0	0	249	9.0	18	.4	2.5	180	--	--	*2,6	BATEMAN 76
3	9.0	0	224	38	71	.6	4.5	340	--	--	*2,6	BATEMAN 76
4	8.0	0	350	86	147	--	--	--	--	--	*6	BATEMAN 76
5	3.3	0	269	21	61	.3	1.5	--	--	--	*2	ERTEC 79
6	3.6	0	390	9.4	56	.1	3.3	--	--	--	*2	ERTEC 79
7	4.7	0	264	16	53	.1	.9	--	--	--	*2	ERTEC 79
8	9.2	0	239	83	221	.3	2.7	--	--	--	*2	ERTEC 79
9	1.5	0	327	6.5	24	.1	3.9	--	--	--	*2	ERTEC 79
10	3.9	0	420	18	79	.2	1.6	--	--	--	*2	ERTEC 79
11	5.0	0	278	4.0	28	.1	.8	--	--	--	*2	ERTEC 79
12	1.1	0	332	3.0	22	.2	.8	--	--	--	*2	ERTEC 79
13	1.2	0	2880	3.0	24	.2	.8	--	--	--	*2	ERTEC 79
14	5.0	0	311	18	84	1.0	16	490	--	--	*2,6	BATEMAN 76
15	5.5	0	198	16	43	.2	.5	--	--	--	*2	ERTEC 79
16	6.4	0	366	33	142	.4	ND	--	--	--		ERTEC 79
17	1.8	0	244	3.5	25	.2	.8	--	--	--	*2	ERTEC 79
18	9.0	0	270	84	107	--	--	--	--	--	*6	BATEMAN 76
19	1.7	0	293	2.5	17	.2	.8	--	--	--	*2	ERTEC 79
20	5.6	0	293	9.4	50	1.5	ND	--	--	--		ERTEC 79
21	1.3	0	303	3.0	16	.2	.8	--	--	--	*2	ERTEC 79
22	--	0	219	--	--	--	--	--	--	--	*6	BATEMAN 76
23	14	0	214	5.5	28	1.3	1.2	700	1000	--	*1	ERTEC 79
24	--	--	--	--	--	--	--	500	3000	--		ERTEC 79
25	2.5	0	254	9.4	21	.3	1.1	--	--	--	*2	ERTEC 79
26	2.5	0	268	15	24	.2	14	--	--	--	*2	ERTEC 79
27	5.0	0	273	4.0	11	.5	ND	--	--	--		ERTEC 79
28	--	--	178	18	27	--	--	--	.3	--	*5	MA[illegible] Y ET AL 49
29	1.2	0	312	6.0	19	.0	1.3	--	--	--	*2	E[illegible] 79
30	4.2	0	263	9.0	42	.3	ND	--	--	--		ERTEC 79
31	5.1	0	300	9.0	43	1.0	.6	100	10.0	--	*2	EAKIN 66
32	5.0	0	247	15	42	--	--	--	--	--	*6	BATEMAN 76
33	78	0	743	290	935	1.9	.7	1500	--	--	*2,6	BATEMAN 76

NOTE: SAMPLES FOR WATER QUALITY ANALYSIS COLLECTED BY ERTEC EXCEPT WHERE NOTED. ALL ANALYSIS REPORTED IN MG/L EXCEPT AS NOTED BELOW.
DISSOLVED SOLIDS FOR ERTEC SAMPLES DETERMINED BY RESIDUE -ON- EVAPORATION AT 180 DEGREE C.
NEVADA LOCATIONS BASED ON MT. DIABLO BASELINE. UTAH LOCATIONS BASED ON SALT LAKE BASELINE AND MERIDIAN.
SPECIFIC CONDUCTANCE REPORTED IN MICROMHOS/CM AT 25 DEGREES C.

THE FOLLOWING CONSTITUENTS ARE REPORTED IN MICROGRAMS/LITER:
BORON IRON MANGANESE

FOOT NOTES: *1 NITRATE REPORTED AS N
*2 NITRATE REPORTED AS NO3
*3 NITRITE + NITRATE REPORTED AS N
*4 DISSOLVED SOLIDS BY SUM OF DETERMINED CONSTITUENTS
*5 RANK AS NA
*6 HCO3+CO3 AS HCO3
ND = NOT DETECTED

Ertec
The Earth Technology Corporation

MX SITING INVESTIGATION
DEPARTMENT OF THE AIR FORCE
BMO/AFRCE-MX

SELECTED WATER QUALITY DATA WHITE RIVER VALLEY, NEVADA

30 NOV 81

TABLE F1-36

APPENDIX G

GLOSSARY OF SELECTED HYDROGEOLOGIC TERMINOLOGY

GLOSSARY OF SELECTED HYDROGEOLOGIC TERMINOLOGY

AQUIFER - A body of rock that contains sufficient saturated, permeable material to yield significant quantities of ground water to wells and springs.

- Confined Aquifer - An aquifer bounded above and below by impermeable bed(s) of distinctly lower permeability than that of the aquifer itself.
- Deep Aquifer - A consolidated rock aquifer, or carbonate aquifer when contained in limestone or dolomite rock, which occurs beneath the unconsolidated valley-fill sediments and in the mountain ranges. This aquifer is the conduit for any interbasin or regional-flow systems which exist. Flow is believed to be primarily through fracture and solution openings rather than intergranular.
- Perched Aquifer - An aquifer separated from an underlying main body of ground water by an unsaturated zone.
- Intermediate Aquifer - An intermediate aquifer is arbitrarily defined as an aquifer that occurs below 500 feet in the unconsolidated valley-fill sediments.
- Shallow Aquifer - A shallow aquifer is arbitrarily defined as an aquifer that occurs in the upper 500 feet of unconsolidated valley-fill sediments.
- Unconfined Aquifer - (Water-table aquifer) An aquifer that has a free water table which is not confined under pressure beneath relatively impermeable stratum.

ARTESIAN - An adjective referring to ground water confined under hydrostatic pressure.

DRAWDOWN - The distance by which the level of a reservoir is lowered by the withdrawal of water.

EVAPOTRANSPIRATION - The process by which ground water becomes atmospheric water either by evaporation from a surface or transpiration by plants. No effort is made to distinguish between the two.

FLUVIAL - Pertaining to, produced by, or formed by a river or stream.

HYDRAULIC CONDUCTIVITY - The rate of flow of water through a unit area of aquifer normal to a unit gradient. It is a measure of the ease with which a material transmits water.

HYDROSTATIC PRESSURE - The pressure exerted by the water at any given point in a body of water at rest. The hydrostatic pressure of ground water is generally due to the weight of water at higher levels in the zone of saturation.

LACUSTRINE - Pertaining to, produced by, or formed in a lake or lakes.

PERENNIAL YIELD - The amount of water that can be withdrawn on a continuous basis without causing an undesirable result. The term "undesirable result" is not defined, but may include intrusion of water of undesirable quality, reduction of head below an economic pumping level, or environmental effects such as destruction of marshy wildlife habitat or destruction of useful phreatophytes. Perennial yield must be less than the long-term average recharge, but other than that, generalizations cannot be made. Perennial yield cannot be computed until a management decision has been made on the definition of an undesirable result. Perennial yield in this report refers to state and federal estimates. These estimates are not accompanied by a quantification or definition of undesirable effects.

PHREATOPHYTE - A plant which takes water directly from the capillary fringe or water table. In the MX siting area, these are primarily greasewood, rabbitbrush, saltgrass, and pickleweed.

POORLY SORTED - Consisting of particles of many sizes mixed together in an unsystematic manner.

POTENTIOMETRIC SURFACE - An imaginary surface representing the total head of water in an aquifer. It is the level at which water will stand in a properly constructed well. Ground water always flows from higher to lower potential and perpendicular to contours on the potentiometric surface.

SPECIFIC CAPACITY - The rate of discharge of a water well per unit of drawdown, commonly expressed in gallons per minute per foot.

SPECIFIC YIELD - The volume of water which will drain from a saturated unit volume of an unconfined aquifer under the influence of gravity. Expressed as a ratio or percentage.

STORAGE COEFFICIENT - The amount of water added to or removed from storage per unit of surface area of a confined aquifer per unit of change in head normal to that surface. Expressed as a decimal ratio.

STORATIVITY - A generalized term for storage coefficient and/or specific yield.

TRANSMISSIVITY - The rate at which water is transmitted through a unit width of an aquifer under a unit gradient. It is a measure of the ability of an aquifer to transmit water. It is numerically equal to the hydraulic conductivity times the aquifer thickness.

WELL-SORTED - Consisting of particles all having approximately the same size.