

SIGNIFICANT DRILL HOLES OF THE WASATCH FRONT VALLEYS INCLUDING  
CACHE VALLEY, AND TOOELE VALLEY

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SIGNIFICANT DRILL HOLES OF THE WASATCH FRONT VALLEYS INCLUDING  
CACHE VALLEY, AND TOOELE VALLEY.  
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Records of 267 significant drill holes which were drilled in the major valley areas of the Wasatch Front are compiled into two word processing documents on the Wang VS-80 at Utah Geological & Mineral Survey. Nancy Handley (Utah Division of Water Rights) pulled the water well files from the extensive Division of Water Rights library for this report, and Sandra N Eldredge and Kathleen Murphy of Utah Geological & Mineral Survey helped enter the data into the computer and provided valuable suggestions.

Drill holes which are judged to be "significant" are those with complete surface to total depth lithology logs which are approximately 1000 feet deep or deeper, and/or which terminate in "bedrock" (as defined in this report). Most of the wells are water wells, a few are research, geothermal, and exploration wells. The search area included portions of Box Elder, Cache, Weber, Davis, Salt Lake, Tooele, and Utah Counties. Table 1 is a list of well locations by township and section. Wells were drilled in the 1940's to early 1980's time frame.

Well location nomenclature is: 1) USGS nomenclature classification based on the four cardinal directions (represented by the letters a,b,c, & d) within 1/4 of 1/4 of 1/4 section (figure 1), and 2) distance (feet) and/or bearings from section corners or 1/4 corners. The maximum USGS nomenclature location resolution is 1/8 mile, whereas other location notations are generally recorded within one foot. No field checking of well locations was done.

Well information in the word processing files is in the following form:  
[comments on content of form field]

WELL DESCRIPTION:

LOCATION: Township:\_\_\_\_\_Range:\_\_\_\_\_Section:\_\_\_\_\_USGS Plot\_\_[figure 1]..  
\_ft., \_\_\_\_\_(north,south)\_\_\_\_\_(east,west)of\_\_\_\_\_section corner [or 1/4 corners].

COMMENTS: (reference, type of well, agency, etc.)

Well owner:

Report of water well driller, state of Utah [or other reference]

Surface Elevation: [if applicable]

TD in bedrock. [if applicable, TD=Total Depth]

Well Number # [arbitrary numbering system based on sequence that data was entered into the word processing files]

LITHOLOGIC LOG:

DEPTH,ft

LITHOLOGY

[driller's log follows giving depth in feet and lithology]

Figure 2 is a copy of an actual water well REPORT OF WELL DRILLER form as filed with the State of Utah Department of Natural Resources Water Rights

Division. These records are available to the public upon demand from the Division of Water Rights.

The well log records for non-water wells are generally geologically reliable because a geologist usually records the data. Water well lithologies may be somewhat less usable for geologic purposes. For example, there are two lithology logs in the file for well #204, one completed by a driller and the other by a Kennecott Copper Corporation geologist. Comparison of selected intervals of lithology reveals contrasting purposes and geologic expertise between the driller and geologist (table 2).

Table 2: Comparison of two lithology logs of selected intervals of well #204

Selected Intervals	DRILLER'S LOG	GEOLOGIST'S LOG
Depth 159 ft:	water encountered	no mention of water
Depth 190-345 ft.:	brown clay	fine gummy clay with andesite particles highly altered, fine sandy marl at 300 ft.
Depth 540-550 ft.	hard pan	andesite breccia
Depth 750 ft.	brown clay	very fine gummy marl.

Drillers are looking for water, not necessarily geologic units or phenomena. The REPORT OF WELL DRILLER form (figure 2) structures the data into a somewhat useful format for geologic investigation provided that caveats are understood.

Bedrock for this report is defined as consolidated or semiconsolidated rock below which no unconsolidated sediments occur. The REPORT OF WELL DRILLER form has two places for recording bedrock: 1) in a column marked BEDROCK, and 2) in the REMARKS column (figure 2). The following rock types were recorded in well logs: volcanic ash, tuff, basalt, lava, porphyry, andesite, andesite breccia, andesite flow bottom, rhyolite, granite; conglomerate, sandstone, siltstone, mudstone, soapstone shale, dolomite, limestone, fresh water limestone, travertine, claystone, consolidated lime, lime, marl, oolitic sandstone, sand rock, caliche, tillite, tufa; schist, quartzite, and quartzite with black specks. Other, less definitive rock types include "unreported", "likely shale", rock layer, hard formation, rock slab, quartz, flint, and softstone.

Carbonaceous occurrences reported include: peat, organic material, pieces of wood, methane gas, vegetation, plant debris, shells, and carbonaceous mud, shale, and silt. Some well logs have fauna or environment identified, e.g. ostracods, "common Lake Bonneville fauna", or fresh-water/brackish water fauna. Formations identified are: Tertiary Salt Lake Formation (SLF on logs), Tertiary Wasatch Formation, Miocene siltstone and shale, Mississippian Manning Canyon Shale, and Silurian Laketown Dolomite. The well log for well #113 mentioned cutting through a slide mass of Wasatch and Salt Lake Formations.

Adjectives used for lithologic units include: soft, hard, firm, sticky, gummy, layered, loose, sharp, good, tight, fractured, not so hard, porous, greasy, very bad, dirty, clean, and caving, all of which relate to the driller's viewpoint and purpose. Colors recorded include common values as well as buff, amber, pink, rusty-brown, olive-green, and oxford gray. Water level and occurrences are recorded on the logs as HSL (height of static level), flow rate (gpm, feet/ hours), or amount of water bailed.

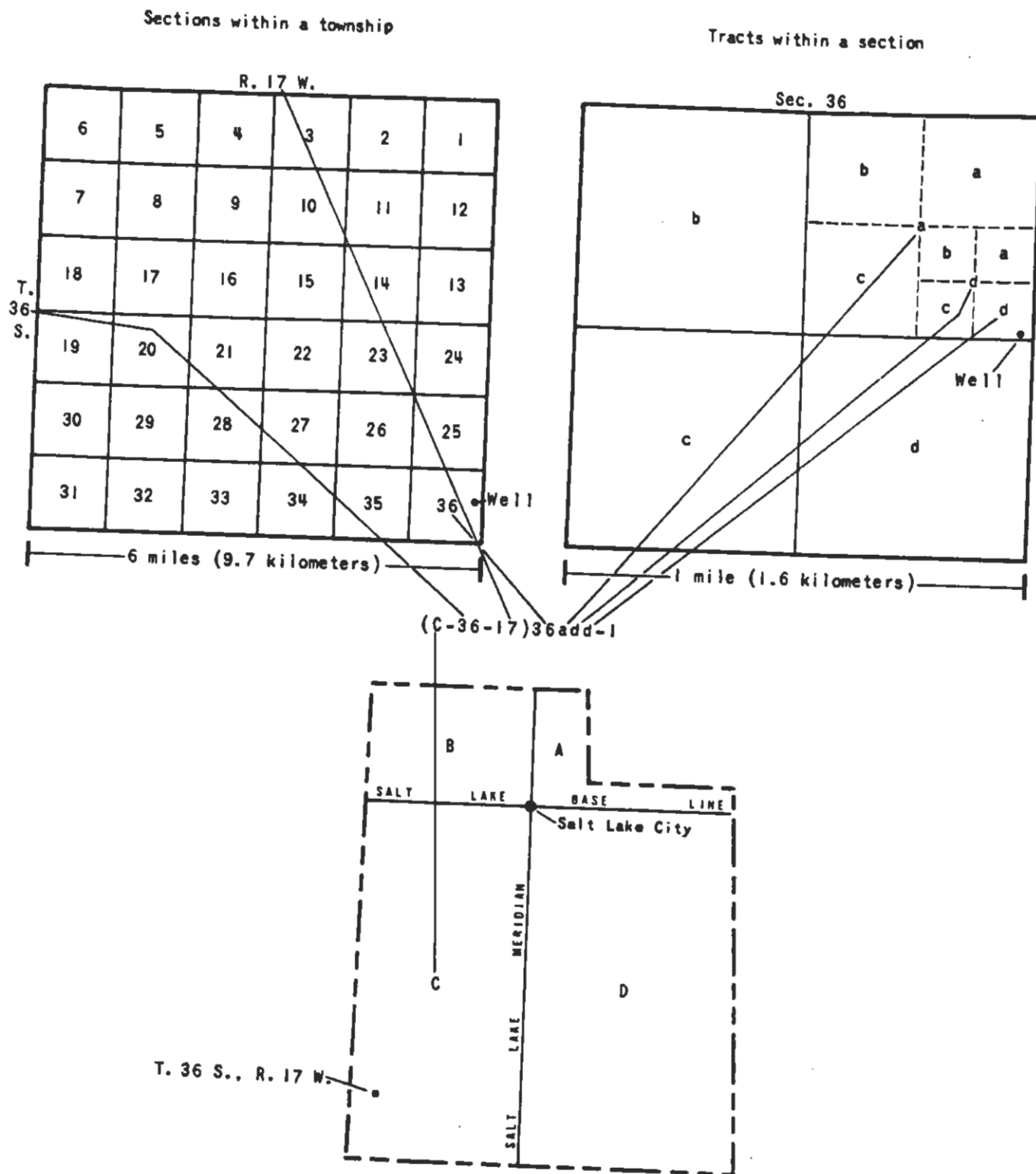


Figure 1: U.S. Geological Survey well nomenclature used in Utah.

Examined W.H.H.  
 Reported: B. C. H. W.H.H. T. W.H.H.  
 Inspection Sheet  
 Copied

# REPORT OF WELL DRILLER

## STATE OF UTAH

Change No. A-8647  
 Application No. 31714-A (55-5642)  
 Claim No.  
 Coordinate N 0-5-2 77 N. 0.0

GENERAL STATEMENT: Report of well driller is hereby made and filed with the State Engineer, in accordance with the laws of Utah. (This report shall be filed with the State Engineer within 30 days after the completion or abandonment of the well. Failure to file such reports constitutes a misdemeanor.)

## (1) WELL OWNER:

Name Pleasant Grove City  
 Address Pleasant Grove, Utah

## (2) LOCATION OF WELL:

County Utah Ground Water Basin (leave blank)  
 Section 608 East 192 feet from N<sup>1</sup> Corner  
 South 27 feet West 2 feet from E 31/4 (strife  
 out words not needed)

## (3) NATURE OF WORK (check):

New Well ☒ Replacement Well ☐ Deepening ☐ Repair ☐ Abandon ☐  
 If abandonment, describe material and procedure:

## (4) NATURE OF USE (check):

Domestic ☐ Industrial ☐ Municipal ☒ Stockwater ☐  
 Irrigation ☐ Mining ☐ Other ☐ Test Well ☐

## (5) TYPE OF CONSTRUCTION (check):

Battery ☐ Dug ☐ Jailed ☐  
 Caisson ☒ Driven ☐ Bored ☐

## (6) CASING SCHEDULE:

20" - Diam. from 0 feet to 108 feet Gage 250  
 16" - Diam. from 0 feet to 573 feet Gage 375  
 12" - Diam. from 0 feet to 573 feet Gage 375  
 New ☒ Rejected ☐ Used ☐

## (7) PERFORATIONS:

Perforated? Yes ☒ No ☐  
 Type of perforator used Mills  
 Size of perforations 3 inches by 4 inches  
 984 perforations from 529 feet to 570 feet  
 perforations from 12 holes around every 6" feet to feet  
 perforations from feet to feet  
 perforations from feet to feet

## (8) SCREENS:

Well screen installed? Yes ☐ No ☐  
 Manufacturer's Name  
 Type Model No.  
 Diam. Slot size Set from ft. to  
 Diam. Slot size Set from ft. to

## (9) CONSTRUCTION:

Was well gravel packed? Yes ☐ No ☐ Size of gravel:  
 Gravel placed from feet to feet  
 Was a surface seal provided? Yes ☒ No ☐  
 To what depth? 120 feet  
 Material used in seal Cement (Between 20" & 16")  
 Cemented 107' outside of 20"  
 Did any strata contain noticeable water? Yes ☐ No ☒  
 Type of water: Depth of strata  
 Method of sealing strata off:

Was surface casing used? Yes ☒ No ☐  
 Was it cemented in place? Yes ☒ No ☐

## (10) WATER LEVELS:

Static level 498 feet below land surface Date 6/18/76  
 Artesian pressure feet above land surface Date

## LOG RECEIVED:

## (11) FLOWING WELL:

Controlled by (check) Valve ☐  
 CIP ☐ Plug ☐ In Control ☐  
 Does well leak around casing? Yes ☐ No ☐

## (12) WELL TESTS:

Drawdown is the distance in feet the water level is lowered below static level.

Was a pump test made? Yes ☒ No ☐ If so, by whom? Rhodes Bros.  
 Yield gal./min. with feet drawdown after hours  
 Battery test None gal./min. with feet drawdown after hours  
 Artesian flow None g.p.m. Date  
 Temperature of water Was a chemical analysis made? No ☐ Yes ☐

## (13) WELL LOG:

Diameter of well 16 inches  
 Depth drilled 580 feet Depth of completed well 580 feet

NOTE: Place an "X" in the space or combination of spaces needed to designate the material or combination of materials encountered in each depth interval. Under REMARKS make any desirable notes as to occurrence of water and the color, size, nature, etc., of material encountered in each depth interval. Use additional sheet if needed.

DEPTH	MATERIAL										REMARKS
	From	To	Clay	Silt	Sand	Gravel	Cobbles	Bedrock	Hardpan	Conglomerate	
0	4										Topsoil.
4	12										
12	15										
15	33										
33	38										
38	70										
70	81										
81	89										
89	94										
94	121										
121	138										
138	143										
143	198										Loose.
198	240										Loose.
240	255										
255	273										Water.
273	280										
280	296										
296	330										Brown.
330	337										Blue.
337	348										
348	382										
382	395										Brown.
395	405										Blue
405	428										Brown
428	452										
452	535										Bedrock, Fractured
535	550										Limestone.
550	574										Fractured Lime & Water.
574	575										Lime, Not Fractured.
575	580										Lime & Water.
											Lime.

Work started 2/3/76 Completed 6/18/76

## (14) PUMP:

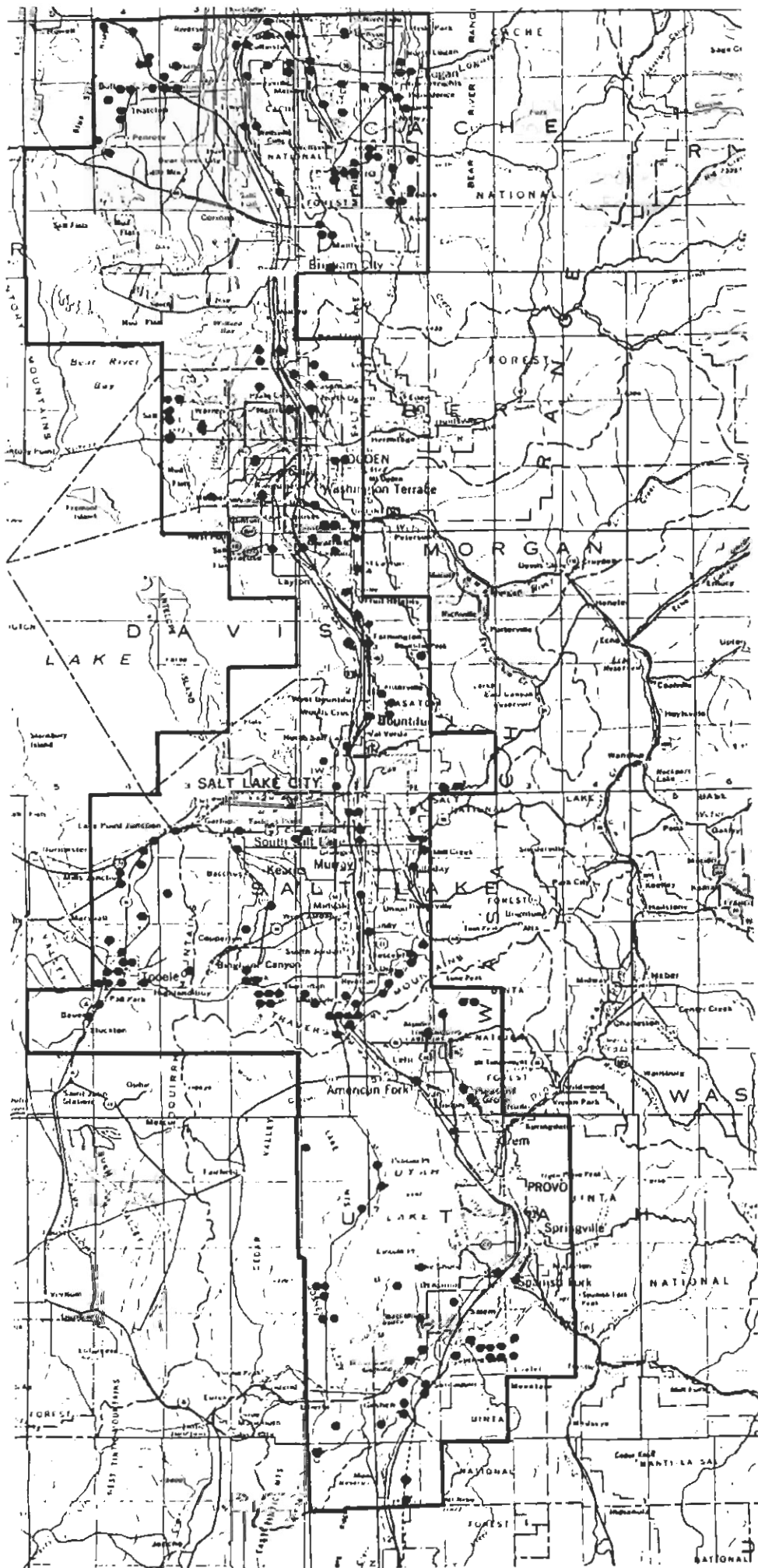
Manufacturer's Name  
 Type  
 Depth to pump or hauler feet

## Well Driller's Statement:

This well was drilled under my supervision, and this report is true to the best of my knowledge and belief.

Name Cardner Drilling Company  
 Address 7880 West 2400 South, Magna, Utah 84044  
 (Signed) [Signature] Date July 13  
 License No. 63 Date July 13 1976

Figure 2: Report of Well Driller form for water wells drilled in Utah.



AREA INVESTIGATED

WELL LOCATION

FIGURE 2: MAP SHOWING LOCATION OF SIGNIFICANT WELLS IN WASATCH FRONT, CACHE, & TOOLE VALLEYS.

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (figure 3 is a map of the location of wells and the search area boundaries)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
154	12n 4w 23(*)	665
155	12n 4w 22(*)	680
156	12n 4w 14(*)	273
158	12n 4w 10(*)	450
157	12n 4w 5(*)	867
159	12n 3w 31(*)	500
160	12n 3w 28(*)	140
161	12n 3w 15(*)	277
76	12n 2w 36(*)	168
78	12n 2w 36(*,S)	183
143	12n 2w 36(*,S)	183
73	12n 2w 32(*)	320
144	12n 2w 32(*)	320
80	12n 2w 25(*)	300
145	12n 2w 25(*)	300
86	12n 2w 23(*)	226
146	12n 2w 23(*)	226
83	12n 2w 17(*)	300
147	12n 2w 17(*)	300
74	12n 2w 16(*)	275
148	12n 2w 16(*)	275
84	12n 2w 12(*)	80
72	12n 2w 11(*)	140
75	12n 2w 11(*)	140
77	12n 2w 11(*)	100
149	12n 2w 11(*)	140
82	12n 2w 10(*)	100
150	12n 2w 10(*)	100
71	12n 2w 3(*,S)	115
79	12n 2w 3(*,S)	80
81	12n 2w 3(*,S)	100
85	12n 2w 3(*)	295
151	12n 2w 3(*)	80
171	12n 2w 3(*)	80
87	12n 1w 32(*,S)	63
88	12n 1w 29(*)	35
89	12n 1w 29(*,H)	302
90	12n 1w 29(*)	200
91	12n 1w 29(*)	168
21	12n 1w 11(C)	947



Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
34	12n 1e 35	978
35	12n 1e 34(C)	1000
60	12n 1e 27	800
168	11n 4w 31(*)	103
167	11n 4w 21(*)	430
166	11n 4w 16(*)	300
22	11n 4w 8(*)	810
164	11n 4w 4(*)	815
163	11n 4w 3(*)	477
162	11n 4w 1(*,H)	100
170	11n 3w 6(*)	92
169	11n 3w 5	275
3	11n 2w 29(*)	280
142	11n 2w 28(*,S)	315
95	11n 1w 23(*,S,W)	145
94	11n 1w 16(*,S)	154
92	11n 1w 2(*,V)	510
93	11n 1w 2(*,C)	430
67	11n 1e 14(*)	260
65	11n 1e 14(LD,C)	110
64	11n 1e 14(*)	520
66	11n 1e 14(*)	371
70	11n 1e 6(*)	220
68	11n 1e 10	377
36	11n 1e 4	970
140	10n 4w 5(*)	38
141	10n 2w 26(*)	370
113	10n 1w 22(*,S,W)	167
114	10n 1w 22(*,W)	140
110	10n 1w 15(*)	112
111	10n 1w 15(*)	202
112	10n 1w 15(*)	250
108	10n 1w 14(*,V)	81
109	10n 1w 14(*)	315
107	10n 1w 13(*,S,W)	155
106	10n 1w 12(*)	250
105	10n 1e 34(*,C)	420
104	10n 1e 33(*,C,S,V)	86
61	10n 1e 26(*)	204
101	10n 1e 26(*,W)	165
102	10n 1e 26(*)	375
103	10n 1e 26(*)	270
62	10n 1e 16(*,S)	147
63	10n 1e 11(*)	160

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
96	10n 1e 8(*)	275
97	10n 1e 7(*)	314
98	10n 1e 7(*)	300
99	10n 1e 7(*)	113
100	10n 1e 6(*)	93
136	9n 1w 34(*)	200
137	9n 1w 16(*)	235
138	9n 1w 15(*)	85
139	9n 1w 9(*)	336
15	7n 3w 32(H)	903
18	7n 3w 31(*,H)	1002
16	7n 2w 28	1019
183	7n 2w 24(*)	90
14	7n 2w 16	1021
13	7n 2w 16	1159
182	7n 2w 11(*)	100
17	7n 2w 9	1205
19	7n 2w 9	1203
20	7n 1w 29	944
185	7n 1w 21(*)	600
184	7n 1w 17(*)	160
173	6n 3w 19(*)	229
53	6n 3w 15(F)	1217
172	6n 3w 7(*)	149
23	6n 3w 6(*)	280
7	6n 2w 33	956
5	6n 2w 1	1002
187	6n 1w 35(*)	520
186	6n 1w 34(*)	172
6	6n 1w 5	1020
10	5n 3w 14	1004
58	5n 2w 16(H)	3007
40	5n 2w 16	1005
189	5n 1w 36(*)	165
51	5n 1w 34	1280
9	5n 1w 33	1208
8	5n 1w 20	1000
188	5n 1w 15(*)	320
2	4n 2w 10(H)	943
176	4n 1w 35(*)	260
175	4n 1w 24(*,P)	201.5
11	4n 1w 10(*)	1205
1	4n 1w 7	1005
52	4n 1w 5	2900

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
12	4n 1w 3	1010
174	4n 1w 1(*)	250
39	3n 1w 26	3000
177	3n 1w 12(*)	355
33	3n 1e 36(F)	2060
179	3n 1e 30(*)	312
178	3n 1e 18(*)	385
55	2n 1e 30(*)	1005
37	2n 1e 28(*)	560
190	2n 1e 28(*)	560
181	2n 1e 21(*)	261
180	2n 1e 17(*)	185
4	1n 1w 34	1063
267	1n 1w 14(*)	253
197	1n 1w 11(*)	530
199	1n 2e 33(*)	104
198	1n 2e 32(*)	300
130	1s 4w 35(*)	445
131	1s 4w 35(*)	366
132	1s 4w 25(*)	75
200	1s 3w 20(*)	835
202	1s 2w 31(*)	215
28	1s 2w 25	1000
201	1s 2w 19(*)	333
59	1s 1w 25	1018
24	1s 1w 24	1088
27	1s 1w 19	1030
29	1s 1w 12	1106
30	1s 1w 12(*)	1170
26	1s 1w 11	1000
248	1s 1e 36(*)	290
246	1s 1e 26(*)	260
152	1s 1e 25(*)	433
247	1s 1e 11(*)	245
129	2s 4w 35(V)	130
135	2s 4w 16(V)	304
134	2s 4w 9(*)	687
133	2s 4w 2(V)	140
191	2s 3w 19(*)	118
203	2s 2w 27(*)	345
25	2s 1w 24	1000
153	2s 1e 2(*)	400
122	3s 4w 35(*)	77
121	3s 4w 33(*)	116

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
117	3s 4w 32	710
118	3s 4w 31	700
119	3s 4w 29(*)	1000
120	3s 4w 29(*)	586
125	3s 4w 28(*,H)	452
124	3s 4w 22(V)	335
123	3s 4w 21(*)	329
116	3s 4w 16	950
115	3s 4w 8(*,H)	675
126	3s 3w 28(*)	174
207	3s 2w 33(*,V)	425
206	3s 2w 32(*)	190
205	3s 2w 29(*)	325
204	3s 2w 5(*,V)	1275
268	3s 1w 1(*)	4998
192	3s 1e 33(*)	210
193	3s 1e 27(*)	116
194	3s 1e 23(*)	850
195	3s 1e 14(*)	70
196	3s 1e 12(*)	109
38	3s 1e 6	1000
128	4s 5w 13(V)	535
127	4s 4w 7(*,H)	530
212	4s 2w 10(V)	200
215	4s 2w 9(V)	207
209	4s 2w 9(*)	600
213	4s 2w 9(*,V)	900
214	4s 2w 4(V)	250
208	4s 2w 3(V)	113
210	4s 2w 3(V)	160
211	4s 2w 2(V)	210
256	4s 1w 27(*)	360
255	4s 1w 23(*)	150
254	4s 1w 16(*)	405
253	4s 1w 15(*)	361
252	4s 1w 14(*)	250
251	4s 1w 13(*)	290
265	4s 1w 13(*)	290
266	4s 1w 13(*)	140
261	4s 1w 12(*)	237
262	4s 1w 12(*)	200
263	4s 1w 12(*)	280
250	4s 1w 8(V,H)	215
249	4s 1w 6(V)	577
264	4s 1w 2(*)	825

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
219	4s 2e 18(*)	365
217	4s 2e 10(*,V)	190
218	4s 2e 9(V)	200
31	4s 1e 25(*)	1077
216	4s 1e 5(*)	980
221	5s 2e 27(*)	580
220	5s 2e 21(*)	600
32	5s 1e 14	910
257	6s 1w 18(*)	475
57	6s 2e 8	1190
43	6s 2e 8	1192
44	6s 2e 8	1066
45	6s 2e 8	1190
46	6s 2e 8	1090
222	6s 1e 30(*)	490
258	7s 1w 13(*,C)	452
223	7s 1e 5(*)	233
259	8s 1w 29(*,V)	500
260	8s 1w 20(*)	345
165	8s 1w 19(*,V)	400
47	8s 3e 19	1000
48	8s 2e 32	830
56	8s 2e 13(*,M)	13000
225	8s 1e 20(*)	205
224	8s 1e 10(*)	275
50	9s 1w 5	823
41	9s 1w 4	800
236	9s 3e 30(*)	400
237	9s 3e 18(*)	420
235	9s 2e 29(*)	250
234	9s 2e 26(*)	600
233	9s 2e 25(*)	225
232	9s 2e 24(*)	300
49	9s 2e 23	982
230	9s 2e 22(*,MC)	275
231	9s 2e 22(*)	230
229	9s 2e 16(*)	228
226	9s 1e 27(*)	365
227	9s 1e 23(*)	373
228	9s 1e 2(*,H)	280
42	10s 1w 28 (V)	1192
243	10s 1e 30(*)	600
241	10s 1e 21(V)	610
240	10s 1e 16(*)	660

Table 1:WELL LISTING BY TOWNSHIP AND SECTION (continued)

Explanation of symbols enclosed in parentheses: \*=Bedrock, V=volcanic rocks, C=carbonaceous deposit, S=Salt Lake Group, W=Wasatch Formation, M=Miocene deposits, MC=Manning Canyon Shale, LD=Laketown Dolomite, H=hardpan, F=fauna, P=paleosoil(?).

Well #	LOCATION, SLBM	Total Depth, ft.
239	10s 1e 11(*,H)	500
242	10s 1e 4(*)	400
238	10s 1e 2(*)	554
54	11s 1w 6(V)	513
245	11s 1e 33(*,V)	262
244	11s 13 21(*)	525

VALLEYS, CACHE VALLEY,  
Geological and Mineral Survey

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SIGNIFICANT WELLS OF THE WASATCH FRONT VALLEYS, CACHE VALLEY, & TOOELE VALLEY.  
William F Case, Utah Geological & Mineral Survey.  
September 1985

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WELL DESCRIPTION

LOCATION: Township: 4N Range: 1W Section: 7 USGS Plot \_\_\_\_\_  
ft, 146 (south) 50 (west) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Bureau of Reclamation, Davis County.  
Report of water well driller, state of Utah  
Well Number #1

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	sand
2-27	clay
27-56	sandy clay
56-69	clay
69-138	sandy clay
138-145	sand, clay streaks
145-166	sandy clay
166-171	clay & sandy clay
171-197	sand & streaks of clay
197-222	sandy clay
222-257	sand & clay streaks
257-277	sandy clay & sand
277-293	sand, few clay streaks
293-318	sandy clay
318-338	sandy clay & sand
338-358	sand & clay streaks
358-408	sandy clay & clay
408-423	loose rock, streaks of clay
423-438	gravel & streaks of clay
438-463	hard rock, streaks of gravel & clay
463-473	sand & sandy clay
473-493	hard clay, streaks of gravel
493-510	sand & sandy clay
510-525	sand, few clay streaks
525-551	clay & sandy clay
551-571	sand & clay streaks
571-581	sandy clay & clay
581-630	sand & clay streaks
630-640	boulders, little clay
640-675	gravel & clay
675-695	loose rocks, streaks of clay
695-705	clay, streaks of rock
705-720	clay, streaks of gravel
720-730	sandy clay & clay



730-735	boulders & clay
735-740	sandy clay & gravel
740-768	boulders, gravel, few clay streaks
768-783	boulders & gravel
783-803	gravel & sandy clay
803-808	sandy clay & gravel
808-826	sandy clay & gravel breaks
826-838	boulders
838-853	boulders & gravel
853-873	gravel & streaks of clay
873-879	clay & gravel
879-965	sandy clay, few gravel streaks
965-1005	sand, gravel & streaks of clay

---

#### WELL DESCRIPTION

LOCATION: Township: 4N Range: 2W Section: 10 USGS Plot (B-4-2)10daa

ft, 320 (south) 120 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Syracuse City

Report of water well driller, state of Utah

Well Number #2

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-77	Clay
77-110	Coarse sand
110-112	Clay
112-172	Clay & sand
172-186	Clay
186-253	Sand & gravel
253-260	Clay
260-264	Sand
264-282	Clay
282-315	Sand
315-350	Clay
350-373	Sand
373-565	Clay
565-570	Coarse sand
570-589	Clay
589-591	Hardpan
591-621	Clay
621-663	Sand & gravel
663-704	Clay
704-762	Conglomerate
762-793	Sand & gravel
793-832	Clay

832-850	Sand
850-860	Clay
860-889	Sand
889-894	Clay
894-933	Gravel
933-943	Clay

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 2W Section: 29 USGS Plot (B-11-2)29dda  
ft, 25410 (south).21450 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)  
Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal investigations at selected thermal systems of the northern Wasatch Front, Weber & Box Elder Counties, Utah; Utah Geological & Mineral Survey Report of Investigations, RI-141, 50p.  
Hole identifier: C(M)GH-A  
TD in bedrock  
Well Number #3

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Fill limestone gravel & boulders in sandy tan clay
18-22	Well-rounded tan gravel in sand
22-25	Tan to orange clay, tufa(?) at base
25-131	Sand & gravel with minor clay (gray clay, near top; Orange clay, near base)
131-196	Sand & gravel cemented to various degrees
196-215	Sand & gravel with occasional one foot seams of clay
215-228	Sandstone (red to light purple)
228-280	Ls (fractured, some sandstone)

---

#### WELL DESCRIPTION

LOCATION: Township: 1N Range: 1W Section: 34 USGS Plot \_\_\_\_\_  
ft, 1300 (north) 520 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Test Well  
State of Utah, dept. of Natural Resources  
400 Empire Bldg. SLC  
Report of water well driller, state of Utah  
Well Number #4

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-3	Clay
3-22	Silt
22-34	Blue clay, layers of sand
34-73	Blue clay
73-124	Clay & gravel
124-146	Fine gravel
146-192	Blue clay
192-196	Blue clay, sandy
196-269	Blue clay, sandy
269-310	Sand (more sand than clay)
310-330	Clay
330-334	Fine gravel; some water
334-386	Clay & fine gravel
386-388	Fine gravel
388-429	Clay, fine sandy
429-606	Clay
606-675	Blue clay; shaley, tight
675-1063	Blue clay & gravel; lake bottom clay, fine layer of sand

-----

WELL DESCRIPTION:

LOCATION: Township: 6N Range: 2W Section: 1 USGS Plot (B-6-2) Olac  
ft, 2604 (south) 3612 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Bona Vista Water District-Well owner  
Report of water well driller, state of Utah  
Well Number #5

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Top soil
2-8	Clay & Gravel
8-10	Gravel
10-30	Clay
30-52	Gravel
52-160	Clay
160-174	Sand & gravel
174-208	Clay
208-222	Sand
222-246	Clay
246-256	Sand
256-260	Clay
260-267	Sand
267-280	Clay

280-286	Sand
286-314	Clay & sand
314-318	Sand
318-390	Clay & sand
390-434	Clay
434-452	Sand
452-455	Clay
455-464	Sand
464-512	Clay
512-520	Sand
520-554	Clay & sand
554-568	Sand
568-631	Clay & sand
631-647	Sand
647-680	Clay & sand
680-760	Boulder gravel
760-772	Clay
772-796	Clay & gravel
796-804	Gravel
804-808	Sand
808-833	Gravel
833-840	Clay
840-864	Gravel
864-868	Clay
868-878	Gravel
878-896	Clay
896-900	Clay & gravel
900-916	Gravel
916-952	Clay
952-956	Gravel
956-962	Clay
962-965	Gravel
965-970	Clay
970-978	Gravel
978-982	Clay
982-988	Gravel
988-1000	Clay
1000-1002	Gravel

---

#### WELL DESCRIPTION

LOCATION: Township: 6N Range: 1W Section: 5 USGS Plot (B-6-1)05ccd

ft, 429 (north) 1113 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Henrey Parker, Harrisville, Utah

State of Utah, Report of water well driller

Well Number #6

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-3	Top soil
3-155	Clay
155-164	Sand
164-170	Clay
170-181	Sand
181-300	Clay
300-305	Sand
305-325	Clay
325-338	Sand & gravel
338-390	Clay
390-420	Sand & gravel
420-552	Clay
552-557	Sand
557-822	Clay
822-826	Sand
826-875	Clay
875-887	Sand & gravel
887-896	Clay
896-906	Sand
906-913	Clay
913-920	Gravel
920-936	Clay
936-946	Sand & gravel
946-950	Clay
950-1000	Gravel
1000-1008	Clay
1008-1012	Gravel
1012-1020	Clay

---

WELL DESCRIPTION

LOCATION: Township: 6N Range: 2W Section: 33 USGS Plot (B-6-2)33ddd

ft, 31350 (south) 16170 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well owner: Blaine Hadley, Rt. #1, Taylor (Ogden)  
Well Number #7

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-30	Sand
30-90	Clay

90-102	Sand
102-170	Clay
170-191	Sand
191-202	Clay
202-220	Sand
220-252	Clay
252-270	Sand & gravel
270-315	Clay
315-330	Sand
330-350	Clay
350-370	Sand
370-420	Clay
420-430	Sand
430-525	Clay
525-535	Sand
535-560	Clay
560-570	Sand
570-612	Clay
612-622	Sand
622-640	Clay
640-650	Sand
650-683	Clay
683-700	Sand
700-937	Clay
937-956	Sand

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#### WELL DESCRIPTION

LOCATION: Township: 5N Range: 1W Section: 20 USGS Plot (B-5-1)20ddd  
ft, 150 (north) 198 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Bureau of Reclamation #34, Ogden, Utah  
Report of water well driller, state of Utah  
Well Number #8

#### LITHOLOGIC LOG:

DEPTH, ft Lithology

0-3	Soil
3-38	Boulder gravel
38-65	Clay & boulders
65-173	Clay, sand, & gravel
173-185	Blue Shale
185-221	Boulder gravel
221-254	Sand & boulder gravel
254-261	Hard rock
261-375	Sand, gravel & clay streaks

375-408	Hard rock
408-515	Boulder gravel gravel
515-556	Sand & boulders
556-612	Boulder gravel & sand
612-853	Boulder gravel
853-871	Hard sandrock
871-1000	Sand & boulder gravel

---

## WELL DESCRIPTION

LOCATION: Township: 5N Range: 1W Section: 33 USGS Plot (B-5-1)33baa

ft, 618 (south) 60 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Bureau of Reclamation, Ogden Utah

Well Number #9

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-10	Clay & gravel
10-31	Clay, sand & gravel
31-51	Sand & boulders
51-92	Clay, sand & gravel
92-101	Clay, sand & gravel
101-136	Clay & sand breaks
136-153	Clay & sand; sandy shale
153-165	Clay, sand & gravel; sandy shale & gravel
165-169	Clay & sand; sandy shale & gravel
169-184	Gravel
184-214	Shale & sandy shale
214-230	Shale & sandy shale
230-268	Clay & sand; shale & sandy shale streaks
268-270	Hard rock
270-290	Sand & gravel; hard sand & gravel
290-308	Boulders
308-333	Boulder gravel
333-338	Clay & gravel
338-363	Clay & boulder gravel
363-394	Sand & gravel
394-411	Fine sand
411-420	Hard rock
420-482	Boulder gravel
482-500	Gravel; hard rock & large gravel
500-506	Gravel & hard rock
506-511	Gravel & rock
511-526	Hard rock & large gravel

526-545	Boulder gravel
545-575	Hard rock & large gravel
575-592	Boulders
592-609	Rock layers & large gravel
609-613	Sand & boulders
613-664	Sand, boulder gravel, & hard rock
664-674	Boulder gravel & sand
674-686	Flint, rock, & gravel
686-692	Granite rock
692-697	Sand & boulder gravel
697-701	Sand & boulders
701-720	Boulders & shale breaks
720-722	Boulders & gravel
722-727	Boulders & big gravel
727-780	Gravel & sand
780-785	Hard rock & big boulders
785-789	Boulders & gravel
789-794	Hard rock
794-796	Rock & gravel
796-802	Boulders & gravel
802-820	Rock
820-829	Gravel & sand
829-850	Boulders & gravel
850-875	Gravel, sand, & clay
875-914	Clay & sandy clay
914-920	Hard sand rock
920-930	Sand rock & gravel
930-938	Hard sand rock
938-956	Hard rock; several colors
956-974	Boulders & gravel
974-986	Rock
986-1001	Boulders
1001-1024	Boulders & gravel
1024-1028	Hard rock
1028-1037	Boulders & gravel
1037-1042	Hard rock
1042-1117	Boulders & gravel
1117-1124	Rock & big boulders
1124-1149	Gravel & sand
1149-1153	Hard rock, big boulders
1153-1208	Gravel & boulders

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#### WELL DESCRIPTION

LOCATION: Township: 5N Range: 3W Section: 14 USGS Plot (B-5-3)14bdc  
ft, 950 (north) 1856 (east) of SW section corner.



COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Roy City  
Report of water well driller, state of Utah  
Well Number #10

Location: 10 USGS Plot (B-4-1)10

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-3	Sand & gravel
3-88	Clay & sand
88-162	Clay & sand
162-190	Sand & gravel
190-204	Clay & sand
204-264	Clay
264-294	Clay & sand
294-310	Clay & sand
310-324	Clay
324-467	Clay
467-475	Gravel
475-480	Clay
480-483	Clay & gravel
483-488	Clay
488-530	Boulder & cobble gravel
530-835	Clay
835-841	Gravel
841-865	Clay
865-895	Clay
895-912	Clay
912-920	Gravel
920-924	Clay
924-926	Gravel
926-937	Clay
937-994	Cobble & boulder gravel
994-1004	Clay

---

WELL DESCRIPTION

LOCATION: Township: 4N Range: 1W Section: 10 USGS Plot (B-4-1)10bbb  
ft, 500 (south) 50 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
(note: log of well listed as next entry)  
Report of water well driller, state of Utah  
Well owner: Department of the Interior, Bureau of Reclamation, Ogden.  
TD in bedrock  
Well Number #11

LITHOLOGIC LOG: (SEE BELOW for LOG!)

WELL DESCRIPTION:

LOCATION: Township: 4N Range: 1W Section: 10 USGS Plot (B-4-1)10bbb

ft, 500 (south) 50 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

(note: duplicate of previous well)

Report of water well driller, state of Utah

Well owner: Bureau of Reclamation, Ogden, Utah.

TD in bedrock

Well Number #11

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-11	Sand
11-47	Clay, sand
47-71	Sand, streaks of clay
71-121	Sand, sandy clay
121-130	Sand
130-151	Sand, sandy clay
151-183	Clay
183-506	Sandy clay & sand
506-511	Sand
511-515	Sand & clay
515-531	Hard rock
531-538	Clay & cobbles
538-539	Cobbles
539-564	Clay, few boulders
564-589	Clay, few rock layers
589-594	Sandy clay, few boulders
594-638	Sandy clay
638-649	Sand
649-690	Clay, streaks of sand
690-710	Sandstone, streaks of clay
710-723	Sandstone
723-751	Clay & boulders
751-772	Sandstone gravel & clay
772-798	Boulders, clay & sandstone
798-811	Boulders, clay & sandstone
811-887	Clay, some gravel
887-902	Rock, streaks of hard clay
902-921	Boulders, streaks of hard clay
921-928	Boulders, streaks of clay
928-944	Rock, streaks of clay
944-948	Clay & gravel, few boulders
948-981	Boulders, clay & gravel

981-1006	Clay & sandy clay
1006-1033	Hard clay, streaks of rock
1033-1038	Boulders, sand & clay
1038-1048	Clay & gravel
1048-1113	Boulders & clay
1113-1128	Sand, boulders & clay
1128-1158	Clay, gravel & sand
1158-1183	Clay, streaks of sand
1183-1205	Hard rock, streaks of sand & gravel

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#### WELL DESCRIPTION

LOCATION: Township: 4N Range: 1W Section: 3 USGS Plot (C-4-1)03ccd

ft, 280 (north) 930 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: City of Layton

Well Number #12

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Sand
18-28	Cobbles
28-38	Sand
38-42	Red clay
42-70	Sand
70-80	Fine sand
80-110	Medium sand
110-130	Fine - medium sand
130-150	Medium sand
150-170	Fine - medium sand
170-180	Clay & sand; gray clay w/medium sand
180-190	Fine - medium sand
190-220	Fine sand, brown clay
220-450	Fine sand
450-550	Gray clay
550-610	Gravel; fine, cemented
610-630	Medium gravel
630-660	Gravel; mixed, fine to coarse
660-790	Gravel; coarse, cemented, fractured zone: 704-776
790-1010	Sand & gravel, cemented

-----

WELL DESCRIPTION

LOCATION: Township: 7N Range: 2W Section: 16 USGS Plot (B-7-2)16dcc

ft, 77 (north) 3239 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Robert Penton, 1010 Heslop Drive, Ogden, Utah.

Well Number #13

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-55	Sand
55-120	Clay
120-132	Sand
132-152	Clay
152-167	Sand
167-180	Clay
180-189	Sand
189-193	Clay
193-203	Sand
203-211	Clay
211-222	Sand
222-233	Clay
233-260	Sand
260-268	Clay
268-280	Sand
280-296	Clay
296-300	Sand
300-340	Clay
340-357	Sand
357-362	Clay
362-369	Sand
369-410	Clay
410-423	Sand
423-442	Clay
442-475	Sand
475-502	Clay
502-512	Sand
512-620	Sand & gravel
620-668	Clay
668-677	Sand
677-984	Clay
984-987	Sand
987-1053	Clay
1053-1070	Sand
1070-1152	Clay
1152-1159	Sand

1159-1161 Clay  
1161-1176 Sand & pea gravel

---

WELL DESCRIPTION

USGS Plot (B-7-2)

LOCATION: Township: 7N Range: 2W Section: 16 USGS Plot (B-7-2)16dad  
ft, 1795 (north) 125 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Church of Latter Day Saints, Lorin Farr Stake, 519 Madison Ave.,  
Ogden Utah.

Well Number #14

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-20	Sand
20-25	Clay
25-40	Sand
40-145	Clay
145-160	Sand
160-185	Clay
185-195	Sand
195-240	Clay
240-260	Sand
260-290	Clay
290-300	Sand
300-330	Clay
330-350	Sand
350-460	Clay
460-480	Sand
480-486	Clay
486-502	Sand
502-510	Clay
510-525	Sand
525-590	Clay
590-594	Gravel
594-640	Clay
640-660	Sand
660-750	Clay
750-770	Sand
770-838	Clay
838-852	Sand
852-910	Clay
910-945	Sand
945-987	Clay
987-1000	Sand
1000-1010	Clay
1010-1021	Sand

---

WELL DESCRIPTION

LOCATION: Township: 7N Range: 3W Section: 32 USGS Plot (B-7-3)32bcb

ft, 1330 (south) 4850 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well Owner: Great Salt Lake Minerals & Chem. Corp.  
P.O. Box 1190, Ogden, Utah.  
Well Number #15

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-10	Clay
10-18	Sand
18-78	Clay
78-108	Sand
108-118	Clay
118-205	Sand
205-298	Clay
298-308	Sand
308-354	Clay
354-367	Sand
367-534	Clay
534-545	Sand
545-581	Clay
581-590	Sand
590-657	Clay
657-667	Sand
667-741	Clay
741-747	Sand
747-770	Clay
770-782	Hardpan
782-799	Gravel
799-876	Clay
876-903	Gravel

---

WELL DESCRIPTION

LOCATION: Township: 7N Range: 2W Section: 28 USGS Plot (B-7-2)28abb

ft, 500 (south) 2470 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Mr/Mrs Walter Holbrook

Report of water well driller, state of Utah

Well Number #16

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-15	Sand
15-118	Clay & sand
118-190	Fine sand
190-226	Coarse sand
226-232	Clay
232-240	Sand; good
240-290	Clay
290-300	Sand; good
300-316	Clay
316-358	Sand
358-425	Clay
425-438	Sand; good
438-473	Clay
473-492	Sand; good
492-504	Clay
504-520	Sand; real good
520-529	Clay
529-526	Sand
526-546	Clay
546-551	Sand; good
551-567	Clay
567-577	Sand; good
577-604	Clay
604-609	Sand
609-745	Clay
745-747	Hardpan
747-767	Clay
767-778	Sand
778-794	Clay
794-802	Sand
802-865	Clay
865-877	Sand
877-956	Clay
956-967	Sand; good
967-970	Clay
970-974	Sand
974-1009	Clay
1009-1019	Sand

-----

WELL DESCRIPTION

LOCATION: Township: 7N Range: 2W Section: 9 USGS Plot (B-7-2)09cda

ft, 1180 (north) 3120 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Bureau of Reclamation

Willard Recreation Well #2

Well Number #17

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-55	Sand
55-177	Clay
177-193	Sand
193-258	Clay
258-288	Clay & sand; st
288-378	Clay
378-408	Clay & sand; st
408-438	Clay
438-460	Clay & sand; st
460-549	Clay
549-770	Clay
770-790	Clay & sand
790-828	Clay & sand
828-859	Clay
859-888	Clay & sand
888-918	Clay
918-1083	Clay
1083-1087	Sand
1087-1091	Silt
1091-1124	Clay
1124-1125	Silt
1125-1186	Clay
1186-1187	Sand
1187-1191	Clay
1191-1205	Sand & gravel



---

WELL DESCRIPTION

LOCATION: Township: 7N Range: 3W Section: 31 USGS Plot (B 7-3)31aac

ft, 4300 (north) 1130 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Great Salt Lake Mineral Corp., Little Mountain, west of Ogden

TD in bedrock

Well Number #18

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Clay
18-50	Clay
50-205	Clay & silt
205-260	Clay & silt
260-310	Clay, silt, & sand
310-355	Clay
355-414	Clay & silt
414-564	Clay, silt, & sand
564-575	Sand
575-654	Clay
654-678	Sand
678-741	Clay
741-756	Sand
756-772	Clay
772-798	Sand
798-896	Clay
896-915	Clay & hardpan
915-920	Gravel
920-1002	Conglomerate & bedrock

---

WELL DESCRIPTION

LOCATION: Township: 7N Range: 2W Section: 9 USGS Plot

ft, 150 (north) 50 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Bureau of Reclamation, Willard Pump Well #1

Report of water well driller, state of Utah

Well Number #19

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
1-3	Fill
3-4	Clay
4-32	Sand
32-56	Silt
56-112	Clay
112-142	Clay & sand; st
142-173	Clay & sand; st
173-177	Clay
177-188	Sand
188-192	Clay
192-200	Sand
200-530	Clay (90%), gravel, conglomerate
530-535	Fine sand
535-864	Clay
864-870	Silt
870-1082	Clay
1082-1090	Sand & gravel
1090-1203	Clay

---

WELL DESCRIPTION:

LOCATION: Township: 7N Range: 1W Section: 29 USGS Plot (B-7-1)29ddc

ft, 575 (north) 1168 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: North Ogden City, Ogden, Utah.

Well Number #20

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Black soil
1-5	Clay; yellow, some water
5-15	Clay & gravel; yellow
15-18	Yellow clay
18-39	Clay & boulders
39-70	Clay & gravel
70-90	Blue clay
90-95	Sandy clay
95-99	Gravel; making water
99-103	Yellow clay
103-108	Gravel
108-118	Clay & gravel
118-128	Gravel

128-172	Clay & gravel	gravel
172-180	Yellow clay	gravel, sharp
180-188	Gravel	no water
188-200	Clay	
200-206	Clay, sand, & boulders	
206-215	Sand & gravel	
215-227	Clay & gravel	
227-235	Gravel; large, lots of water	
235-237	Clay	
237-247	Gravel	
247-283	Clay & gravel	
283-286	Gravel	
286-297	Clay & gravel	
297-315	Clay & fine gravel	
315-317	Yellow clay	
317-323	Quartzite	
323-327	Clay & small gravel	
327-332	Quartzite	
332-341	Yellow clay & fine gravel	
341-343	Yellow clay	
343-345	Hard streak	
345-350	Yellow clay	
350-360	Yellow clay & large gravel	
360-365	Clay w/hard streaks	
365-367	Hard	
367-374	Hard formation w/clay, gravel	
374-378	Brown clay, small gravel	
378-381	Hard streak, quartzite	
381-385	Lime sharp	
385-389	Cemented gravel & clay	
389-393	Cemented rock	
393-398	Lime	
398-400	Clay & gravel	
400-405	Brown clay, gravel, conglomerate	
405-409	Conglomerate, clay; no water	
409-419	Clay & gravel; no water	
419-424	Yellow clay, small amount of gravel	
424-430	Yellow clay, alot of gravel; no water	
430-439	Yellow clay & gravel	
439-444	Hard conglomerate	
444-460	Yellow clay, gravel	
460-472	Clay & fine gravel; no water	
472-485	Brown clay, sticky	
485-488	Red clay, gravel	
488-498	Yellow clay, gravel	
498-510	Clay, fine gravel	
510-520	Yellow clay, sticky	
520-527	Yellow clay, gravel	
527-534	Clay, fine gravel	
534-535	Hard, cemented gravel	
535-550	Yellow clay, gravel	
550-589	Clay, fine gravel	
589-594	Yellow clay, sticky	

594-609	Yellow clay, large gravel
609-614	Clay, quartz & pea gravel, sharp
614-617	Hard quartz, gravel, no water
617-647	Yellow clay, gravel
647-650	Clay, fine gravel
650-740	Yellow clay
740-780	Yellow clay, gravel
780-793	Yellow clay
793-820	Gravel & yellow clay
820-839	Red clay, gravel
839-841	Yellow clay & gravel
841-875	Yellow clay & gravel
875-890	Sand & yellow clay
890-895	Yellow clay, gravel
895-943	Yellow clay, sand
943-944	Yellow clay, gravel

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#### WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 11 USGS Plot (B-12-1)11ccd  
 ft (feet,meters) 140 (north) 875 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Report of water well driller, state of Utah  
 W.Lee Johnson, well owner  
 Benson, Utah  
 Well Number #21

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Soil
4-15	Brown clay
15-50	Blue clay, sticky
50-400	Gray silt
400-450	Fine, multi-color sand
450-900	Black silt & sand, lens, some peat
900-920	Brown silt, organic material
920-947	Cemented sand & gravel

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 4W Section: 8 USGS Plot (B-11-4)8a  
 W 1/2 NE 1/4 of section.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bothwell Development Assoc..

Report of water well driller, state of Utah

TD in bedrock

Well Number #22

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-12	Clay & boulders
12-24	White limestone
24-31	Black limestone
31-43	Amber shale
43-118	Limestone
118-171	Sandstone
171-193	Orange shale
193-216	Sandstone
216-261	Hard shale
261-598	Quartzitic sandstone
598-650	Sandstone, very hard
650-747	Alternating strata of sandstone & limestone
747-810	Conglomerate

-----  
WELL DESCRIPTION

LOCATION: Township: 6N Range: 3W Section: 6 USGS Plot (B-6-3)06cab

ft (feet,meters) 2979 (south) 30030 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)

Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal investigations at selected thermal systems of the northern Wasatch Front, Weber & Box Elder Counties, Utah; Utah Geological & Mineral Survey Report of Investigations, RI-141, 50p.

Hole identifier: GSLM/GH-A

TD in bedrock

Well Number #23

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-9	Tan sandy clay
9-15	Saturated sandy black clay
15-45	Weathered shale fragments in clay
45-46	Boulders
46-280	Tillite bedrock

-----

WELL DESCRIPTION

LOCATION: Township: 1S Range: 1W Section: 24 USGS Plot (C-1-1)24bca

ft (feet,meters) 1893 (south) 946 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well owner: City of South Salt Lake  
Well Number #24

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-7	Brown clay
7-55	Blue clay & sand
55-80	Blue clay
80-157	Blue clay & sand
157-162	Conglomerate
162-174	Clay & coarse sand
174-200	Cemented sand
200-215	Blue clay
215-260	Clay & sand
260-276	Cemented sand
276-279	Blue clay
279-285	Cemented gravel
285-376	Gray clay & gravel
376-402	Brown clay
402-417	Clay & fine sand
417-455	Red clay
455-467	Brown clay & sand
467-503	Gray sticky clay
503-510	Clay & coarse sand
510-531	Gray clay & sand
531-540	Conglomerate
540-702	Sticky brown & gray clay
702-713	Gravel, cobbles
713-820	Brown & gray clay
820-970	Clay, gravel, & cobbles
970-1050	Brown & gray sticky clay
1050-1063	Gravel & cobbles
1063-1088	Gray clay

---

WELL DESCRIPTION

LOCATION: Township: 2S Range: 1W Section: 24 USGS Plot (C-2-1)24bcd

ft (feet,meters) 440 (north) 1200 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: S. L. County Water Conservancy

3383 South 3rd East, SLC

Well Number #25

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Brown clay
5-25	Brown sand
25-52	Blue clay
52-80	Brown clay & gravel
80-135	Sand & gravel
135-156	Brown clay
156-162	Conglomerate
162-173	Brown clay
173-181	Conglomerate
181-237	Sand & gravel
237-285	Brown (very sandy) clay, sand & gravel
285-345	Brown clay
345-382	Brown sandy clay
382-430	Brown clay
430-547	Brown clay, sand & gravel
547-607	Brown clay & gravel
607-638	Light tan clay
638-645	Clay & gravel; hard, water-raised
645-659	Light tan, sticky clay
659-666	Clay & gravel, hard
666-680	Light tan, sticky clay
680-685	Clay & gravel, hard
685-695	Light tan, sticky clay
695-715	Clay & gravel, hard
715-735	Sticky clay
735-767	Clay & gravel
767-820	Sticky clay
820-834	Clay & gravel
834-1000	Sticky clay

---

WELL DESCRIPTION

LOCATION: Township: 1S Range: 1W Section: 11 USGS Plot (C-1-1)11aad

ft (feet,meters) 873 (south) 629 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Cooperative Security Corp., SLC

Well Number #26

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-7	Clay, silt, sand, gravel fill
7-122	Blue clay & sand
122-147	Sand
147-178	Clay
178-188	Sand
188-333	Blue clay
333-358	Red clay
358-385	Blue clay & sand
385-424	Red clay
424-528	?
528-554	Sand
554-560	Blue clay
560-594	Sand
594-618	Clay
618-632	Sand
632-642	Clay
642-650	Coarse sand
650-693	Clay & sand
693-700	Sand
700-710	Sand & gravel
710-736	Clay
736-740	Sand
740-751	Clay
751-755	Sand
755-768	Clay
768-777	Coarse sand
777-820	Clay & sand
820-823	Sand
823-966	Clay & sand
966-983	Sand
983-997	Clay & sand
997-1000	Sand & gravel (over 1/4" diameter)



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# WELL DESCRIPTION

LOCATION: Township: 1S Range: 1W Section: 19 USGS Plot (C-1-1)19caa

ft (feet,meters) 2750 (south) 2600 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Kennecott Copper Corp., 714 Kearns Bldg., SLC

Well Number #27

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-22	Tan clay & sand
22-64	Blue clay & sand
64-86	Clay & gravel
86-94	Blue clay & sand
94-135	Brown clay & sand
135-175	Blue clay & sand
175-205	Brown clay & sand
205-220	Gray clay & sand
220-235	Blue clay & sand
235-253	Brown clay & sand
253-265	Sticky clay
265-322	Tan clay & sand
322-360	Clay & gravel
360-397	Tan clay & sand
397-401	Blue clay
401-452	Tan clay & sand
452-556	Clay & gravel
556-561	Gravel, water
561-565	Clay & gravel
565-581	Sticky clay & sand
581-633	Clay & sand, hard
633-640	Conglomerate
640-720	Sticky clay, sand & gravel
720-825	Sticky clay
825-838	Sticky clay & gravel
838-873	Blue clay & sand
873-878	Sticky brown clay
878-890	Blue clay & sand
890-902	Sticky brown clay
902-913	Sticky blue clay
913-920	Sticky brown clay
920-1030	Sticky blue clay

---

WELL DESCRIPTION

LOCATION: Township: 1S Range: 2W Section: 25 USGS Plot (C-1-2)25aad

ft., 22110 (south) 330 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Kennecott Copper Corp.

714 Kearns Building SLC

Report of water well driller, state of Utah

Well Number #28

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-15	Brown clay
15-70	Clay & gravel; brown
70-130	Clay & sand
130-334	Clay & gravel
334-351	Gravel; water
351-425	Clay & gravel; brown
425-540	Clay, sand, & gravel; brown
540-670	Clay & sand; blue
670-740	Clay & sand; brown
740-755	Clay & sand; gray
755-802	Clay, sand, & gravel; gravel streaks
802-913	Clay & gravel; gravel streaks
913-1000	Clay & gravel; gravel streaks

---

WELL DESCRIPTION

LOCATION: Township: 1S Range: 1W Section: 12 USGS Plot (C-1-1)12ada

ft, 1346 (south) 375 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Glade Candy Co., 55 W. 8th So., SLC.

Well Number #29

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Top soil
5-37	Clay; dark
37-70	Clay; dark blue

70-135	Clay; light gray (agency, etc.)
135-145	Sand
145-168	Clay; light gray (Utah)
168-184	Sand & gravel; fine (Co., 870 So. 4th West,
184-212	Red clay
212-240	Gray clay
240-258	Red clay
258-267	Blue clay
267-270	Fine gravel
270-280	Gray clay
280-355	Blue clay
355-396	Gray clay
396-400	Fine gravel
400-440	Red clay
440-465	Gray clay
465-475	Red clay
475-495	Gray clay
495-527	Blue clay
527-538	White clay
538-585	Blue clay
585-610	Gray clay
610-632	Red clay
632-707	Gray clay
707-728	Sand; quick
728-747	Gray clay
747-786	Blue clay
786-792	Sand; quick
792-815	Blue clay
815-847	Gray clay & fine gravel mixed
847-867	Gray clay
867-877	Gray clay & fine gravel mixed
877-931	Gray clay
931-937	Red & brown clay
937-945	Blue clay
945-983	Blue clay & small gravel mixed
983-1068	Blue clay
1068-1078	Sand
1078-1084	Blue clay
1084-1086	Sand
1086-1098	Brown clay
1098-1103	Sand
1103-1106	Brown clay

---

WELL DESCRIPTION

LOCATION: Township: 1S Range: 1W Section: 12 USGS Plot (C-1-1)12bdb-1  
ft, 730 (north) 1902 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well owner: American Foundry & Machine Co., 870 So. 4th West, SLC.  
TD in bedrock  
Well Number #30

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-20	Top soil
20-133	Blue clay
133-167	Sand
167-203	Clay & sand
203-219	Sand
219-224	Clay
224-270	Sandy clay
270-370	Blue clay
370-405	Clay
405-409	Clay & sand
409-414	Clay
414-439	Sand
439-473	Clay & sand
473-485	Sand
485-547	Clay & sand
547-612	Clay
612-616	Sandy clay
616-620	Sand; water
620-675	Clay
675-706	Sandy clay
706-738	Fine gravel
738-900	Blue clay
900-920	Fine gravel, water
920-933	Sand
933-1130	Sand & fine gravel
1130-1161	Clay
1161-1163	Sand
1163-1168	Clay
1168-1170	Shale

---

WELL DESCRIPTION

LOCATION: Township: 4S Range: 1E Section: 25 USGS Plot (D-4-1)25ddd  
ft. 26070 (south) 330 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.

TD in bedrock  
Well Number #31

LITHOLOGIC LOG

DEPTH, ft	LITHOLOGY
0-5	Soil
6-22	Gravel, cobbles, & boulders
22-58	Clay, sand, & gravel
58-181	Gravel, & cobbles
181-244	Sandy clay
244-265	Cemented gravel
265-355	Clay & gravel
355-385	Cemented gravel
385-398	Conglomerate
398-624	Alternating layers of clay & gravel
624-664	Clay with traces of gravel
664-715	Clay, gravel
715-1077	Limestone layers with clay zones

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WELL DESCRIPTION

LOCATION: Township: 5S Range: 1E Section: 14 USGS Plot (D-5-1)14bdc  
ft, 12870 (south) 8910 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.  
Well Number #32

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-3	Soil
3-12	Clay, & gravel
12-29	Sandy clay
29-182	Clay & gravel
182-190	Blue clay
190-230	Clay & gravel
230-232	Brown clay
232-241	Clay & gravel
241-254	Clay
254-265	Clay & gravel
265-271	Clay
271-409	Clay & gravel with trace of sand
409-423	Blue clay & gravel
423-461	Brown clay & gravel, with trace of sand
461-467	Conglomerate
467-724	Brown clay & gravel
724-736	Blue clay
736-910	Clay & gravel

WELL DESCRIPTION

LOCATION: Township: 3N Range: 1E Section: 36 USGS Plot (B-3-1)36ddd

ft, 31350 (south) 330 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)

Jess Hickey Oil Co, Rushforth #1

Feth, J H, Barker, D A, Moore, L G, Brown, R J, & Veirs, C E, 1966, Lake Bonneville: Geology & hydrology of the Weber Delta District, including Ogden, Utah; United States Geological Survey Professional Paper 518, 76p.

Well Number #33

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-300	No sample
300-820	Silt & clay; sandy silt & clay 360-370, sand 390-415 sandy silt & clay 415-460, sandy silt & clay 495-505; Cyprideis(?) sp. & Cytheridea sp., 606-610; Cyprideis aff. C. Torosa (Jones), Cyprideis sp., 770-775
820-1300	Sand & gravel; silt & clay, 880-910, 1230-1245
1300-1525	Gravel; silt & clay, 1300-1315
1525-1725	Sand; silt & clay, 1550-1640
1725-1870	Sand & gravel
1870-2060	Sand; silt & clay, 1890-1920, 2000-2020; Cyprideis sp. 2030-2040

WELL DESCRIPTION

LOCATION: Township: 12N Range: 1E Section: 35 USGS Plot (A-12-1)35bcc

ft, 2000 (south) 325 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well Owner: Logan City, Logan Utah

Well Number #34

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Gravel fill
4-10	Silt; muddy
10-18	Silt & gravel; little water
18-82	Brown clay & gray sand

82-92	Clay, silt, & gravel
92-126	Silt & gravel
126-172	Clay & gravel; brown, sandy
172-179	Silt
179-211	Clay & gravel; sandy, some sediment, , little water
211-235	Clay; with hard rock
235-284	Brown mud & hard rock
284-290	Clay; with hard rock
290-306	Clay, silt, & gravel
306-322	Sand & gravel; good water
322-339	Silt & gravel; hard, very little water
339-384	Clay; silty, gummy
384-388	Broken rock
388-416	Clay, silt, & gravel; hard
416-454	Clay & gravel; very hard, some water
454-504	Clay; silty, sandy, & gummy
504-510	Clay & gravel
510-524	Gravel; hard
524-588	Clay; gummy, sandy
588-750	Silt & boulder gravel; some clay streaks, some water
750-756	Clay
756-760	Gravel; hard
760-775	Clay & boulders
775-785	Gravel; hard
785-788	Clay; gummy
788-815	Gravel; hard
815-820	Clay
820-898	Silt & gravel; some hard cemented, some loose
898-978	Clay, sand, & gravel; coarse, hard, sticky

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#### WELL DESCRIPTION

LOCATION: Township: 12N Range: 1E Section: 34 USGS Plot (A-12-1)34cca  
ft, 820 (north) 1220 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well owner: Logan City, Logan, Utah  
Well Number #35

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Top soil
1-14	Silt, sand, & cobble gravel
14-20	Silt & sand
20-50	Clay, silt, & sand; blue gray clay
50-85	Clay & silt
85-94	Silt & sand; pieces of wood, methane gas

94-132	Silt, sand, & cobble gravel; water good	see soft grey
132-153	Silt, sand, & gravel; water fair	
153-161	Silt & gravel; pea gravel, water poor	slightly fractured
161-187	Brown silt	
187-198	Blue clay	
198-360	Silt, sand, & cobble gravel; little water	
360-362	Clay; brown, gummy	
362-373	Clay; pea gravel	some green quartzite, harder
373-541	Silt, sand, & gravel; some water	some quartz, loose water
541-545	Clay, silt, & sand	very hard
545-555	Clay & silt	22 with some other part
555-580	Gumbo clay	
580-588	Silt & sand	green quartzite, some
588-705	Silt, sand, & gravel; some cobbles, some water	
705-728	Sand & boulder gravel; water fair	
728-835	Silt, sand, & gravel; few boulders, some water	
835-838	Conglomerate	
838-1000	Silt, sand, & gravel; standing water	

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 4 USGS Plot (A-11-1)04cbd  
ft, 1960 (north) 1090 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Report of water well driller, state of Utah

Well owner: Logan City, Logan Utah

Well Number #36

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-9	Clay & gravel
9-70	Clay
70-90	Clay & gravel
90-127	Sand & gravel
127-153	Clay & gravel; 5 ft, 1 1/2 hrs
153-205	Clay & gravel
205-220	Clay & gravel
220-225	Clay & sand
225-265	Clay & gravel; big gravel, good water
265-270	Missing interval on log
270-285	Cobbles & boulders; 5 ft, 10 hrs
285-345	Clay & gravel
345-355	Clay; blue & sticky
355-360	Clay
360-370	Gravel; good water
370-412	Clay & gravel
412-455	Clay; grey & blue, sticky
455-483	Clay & gravel



101-104	Layers of green quartzite & quartz, some soft grey rock
	Note: the quartzite formations are possibly fractured
104-136	Bedrock; quartz with some grey quartzite
136-144	Bedrock; quartz with some green quartzite, loose water
144-178	Bedrock; quartz with some green quartzite, harder
178-186	Bedrock; green slate with some quartz, loose water, soft
186-212	Bedrock; quartzite & quartz, very hard
212-287	Bedrock; mostly white quartz with some green quartzite with black specks
287-323	Bedrock; white quartz with green quartzite, some rock with black & brown specks in it, fairly soft from 287-304 but getting harder by 304
323-332	Bedrock; green quartzite, hard
332-335	Bedrock; green quartzite, softer
335-336	Bedrock; green quartzite, softer
336-338	Bedrock; green quartzite
338-343	Bedrock; green quartzite with some small pieces of dark black rock, very hard
343-380	Bedrock; green quartzite with white quartz, extremely hard
380-386	Bedrock; green quartzite with white quartz & possible fissures, extremely hard, had to blast the hole to get a new start, 4 days drilling from 380-386
386-420	Bedrock; green quartzite with white quartz & possible fissures, softer
420-447	Bedrock; green quartzite with white quartz & possible fissures, harder
447-449	Bedrock; much softer
449-453	Bedrock; green quartzite; hard, quartz & quartzite, very little cutting, a little softer
453-510	Bedrock; quartz & quartzite, much more green & more cuttings a little harder
510-514	Bedrock; white quartz, very hard (two days to drill four feet), not many cuttings
514-560	Bedrock; mostly green quartzite, some white quartz, a little softer

Note: Water table rises from 137 feet to 100 feet at 531 feet & 100 feet to 97 feet between 531 feet & 536 feet.

Water table stands at 97 feet from surface.

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#### WELL DESCRIPTION

LOCATION: Township: 3S Range: 1E Section: 6 USGS Plot (D-3-1)06dad

ft, 790 (south) 80 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Report of water well driller, state of Utah  
Well owner: Sandy City Corp.  
Well Number #38

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Clay
5-15	Sand
15-50	Clay & sand
50-105	Sand
105-113	Clay & sand
113-126	Clay
126-158	Sand
158-178	Clay
178-210	Clay & sand
210-216	Clay & gravel
216-255	Clay
255-350	Clay & sand
350-394	Clay, sand, & gravel
394-407	Clay
407-411	Sand
411-439	Conglomerate
439-473	Clay & sand
473-476	Conglomerate
476-578	Clay & sand
578-588	Clay
588-605	Granite
605-625	Clay & gravel
625-640	clay & sand
640-868	clay & gravel
868-874	Granite
874-1000	Clay & gravel

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WELL DESCRIPTION

LOCATION: Township: 3N Range: 1W Section: 26 USGS Plot (B-3-1)26dba  
ft, 24090 (south) 6930 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)  
Jess Hickey Oil Co. , Wilcox #1  
Feth, J H, Barker, D A, Moore, L G, Brown, R J, & Veirs, C E, 1966, Lake  
Bonneville: Geology & hydrology of the Weber Delta District, including Ogden,  
Utah; United States Geological Survey Professional Paper 518, 76p.  
Well Number #39

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-900	No samples
900-1210	Sand; sand & gravel at 1070 - 1105 & 1150-1210
1210-1240	Sandy silt & clay
1240-1535	Gravel; sandy silt & clay 1270-1320; clay, silt & gravel 1420-1480
1535-1780	Sand; sand & gravel 1675-1680
1780-1840	Sand & gravel
1840-1920	Gravel
1920-2030	Sand
2030-2215	Sand & gravel; gravel 2075-2090, sandy silt & clay 2140-2190
2215-2300	Sand
2300-2550	Gravel, silt & clay; sand & gravel 2300-2350
2550-3000	Sand; sandy silt & clay 2550-2570; gravel 2720-2755; sand & gravel 2850-2905

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WELL DESCRIPTION

LOCATION: Township: 2N Range: 1E Section: 30 USGS Plot (A-2-1)30ddb

ft, 1000 (north) 990 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bureau of Reclamation, P.O. Box 360, Salt Lake City.

Report of water well driller, state of Utah

Well Number #40

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-6	Top soil & gravel
6-12	Clay & gravel
12-15	Clay
15-20	Big gravel & clay
20-22	Hard rock
22-25	Clay & boulders
25-38	Boulders
38-43	Boulders
43-56	Boulder gravel
56-76	Clay & boulder gravel
76-86	Boulders; streaks of black clay
86-98	Gravel; big gravel, streaks of clay
98-103	Clay & boulders
103-113	Clay; little fine gravel
113-114	Bedrock
114-119	Boulders

936-956	Hard rock; little streaks of clay
956-976	Sandstone; little streaks of clay
976-987	Sandstone; streaks of sand & boulders
987-1005	Clay; streaks of boulders

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#### WELL DESCRIPTION

LOCATION: Township: 9S Range: 1W Section: 4 USGS Plot (C-9-1)04ccc

ft, 4950 (south) 20790 (west) of NE township corner.

COMMENTS: (reference, type of well, agency, etc.)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #41

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-14	Soil & clay
14-108	Clay, sand, & gravel
108-186	Sand & gravel
186-330	Clay & sand
330-407	Sand & gravel
407-563	Clay & hardpan
563-597	Clay, sand & gravel
597-698	Sand & gravel
698-776	Alternating layers of clay, sand, & gravel
776-800	Clay

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#### WELL DESCRIPTION

LOCATION: Township: 10S Range: 1W Section: 28 USGS Plot (C-10-1)28dad

ft, 24750 (south) 16170 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #42

# LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-68	Clay, silt, & sand
68-112	Blue clay
112-168	Sand & clay
168-186	Red & tan clay
186-218	Sand, with some clay
218-221	Coarse sand
221-230	Clay & gravel
230-283	Gravel, with some sand & clay
283-344	Coarse sand, with some clay
344-377	Alternating layers of hard lava & brown clay
377-398	Conglomerate
398-416	Clay
416-417	Hard lava
417-709	Alternating layers of brown clay & sand
709-785	Alternating layers of hard lava & clay
785-805	Brown clay & sand

## WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)08acb-1)

ft, 6930 (south) 23430 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

(note: duplicate log/report next entry)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #43

## CONDENSED LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-40	Clay & gravel fill
40-80	Sandy blue clay
80-116	Blue clay
116-226	Sand & gravel
226-298	Blue clay
298-475	Sand & gravel, with traces of clay
475-492	Clay with traces of gravel
492-682	Alternating layers of sand, gravel, & blue clay
682-758	Tight gravel & sand
758-784	Brown clay
784-904	Sand & gravel
904-936	Brown sandy clay

936-964	Blue clay
964-1018	Sand & gravel, with traces of clay
1018-1028	Blue clay
1028-1054	Sand & gravel, with clay streaks
1054-1085	Blue clay
1085-1160	Tight gravel, with traces of clay
1160-1172	Brown clay
1172-1192	Sand & gravel

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## WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)08acb-1

Location of well: N. 8 degrees, 6 minutes E 3470 ft from S 1/4 corner, section 8 T6S, R2E, SLBM, Well #2

COMMENTS: reference, type of well, agency, etc.)  
(note: duplicate of previous well)

Well owner: Geneva Steel CO., P.O. Box 269, SLC

Report of Well Driller, state of Utah

Well location #43

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-40	Clay & gravel fill
40-80	Sandy blue clay
80-116	Blue clay
116-226	Sand & gravel to 6"
226-298	Blue clay
298-475	Sand & gravel (4") with streaks of clay
475-482	Clay
482-492	Clay & gravel
492-508	Sand & gravel (6")
508-559	Blue clay
559-618	Sand & gravel (4")
618-628	Blue clay
628-649	Sand & gravel (6")
649-682	Blue clay
682-758	Tight gravel & sand
758-784	Brown clay
784-904	Sand & gravel (4")
904-936	Brown sandy clay
936-964	Blue clay
964-992	Sand & gravel (4")
992-1004	Clay & gravel
1004-1018	Sand & gravel (3")
1018-1028	Blue clay
1028-1054	Sand & gravel (3") with clay streaks
1054-1085	Blue clay

1085-1160	Tight gravel (2") with streaks of clay
1160-1172	Brown clay
1172-1192	Sand & gravel (3")

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#### WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)08bca-6

ft., 3661 (north) 1976 (west) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Geneva Steel CO., P.O. Box 269, SLC

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.

Well Number #44

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-3	Soil
3-9	Clay
9-48	Clay & sand
48-112	Sandy blue clay
112-159	Sand & gravel to 6"
159-164	Brown clay
164-202	Sand & gravel 8" with streaks of clay
202-272	Blue clay
272-418	Sand & gravel 4" with streaks of clay
418-422	Clay, brown
422-430	Sand & gravel 3"
430-436	Brown clay
436-452	Coarse gravel 8"
452-490	Blue clay
490-518	Sand & small gravel
518-520	Blue clay
520-532	Sand & gravel 2"
532-556	Green clay
556-564	Coarse gravel 6"
564-570	Sand & gravel 1"
570-576	Sandy clay streaks gravel
576-590	Gravel & silt 8"
590-603	Clay
603-612	Sand & gravel to 3"
612-618	Clay & gravel streaks
618-644	Coarse gravel & sand 4"
644-656	Blue clay
656-674	Blue clay & imbedded gravel 2"
674-676	White clay & imbedded gravel 2"

676-694	Sand & small gravel 2"
694-706	Coarse gravel & sand 4"
706-732	Gravel & clay streaks
732-744	Clay
744-752	Gravel & clay
752-762	Gravel & sand 4"
762-768	Clay & imbedded gravel
768-775	Gravel 4" to fine muck sand
775-792	Gravel 4" fine sand clay balls
792-806	Gravel 8" & sand
806-856	Blue clay
856-866	Gravel 3"
866-880	Clay & gravel
880-928	Gravel & sand to 4"
928-940	Blue clay
940-944	Clay & gravel
944-952	Blue clay
952-986	Sand & small gravel 2"
986-1006	Blue clay
1006-1036	Tight sand & gravel
1036-1050	Blue clay & gravel
1050-1066	Sand & gravel 4"

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#### WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)08cac-5

ft (feet,meters) 8910 (south) 24750 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #45

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Alternating layers of clay & gravel
18-60	Blue clay & silt
60-296	Alternating layers of sand, clay & gravel
296-346	Sand grading to gravel
346-380	Alternating layers of gravel, sand & clay
380-426	Silt, sand & gravel
426-524	Clay, with layers of sand & gravel
524-531	Silt, sand & gravel
531-576	Clay, with traces of gravel
576-596	Silt, sand & gravel
596-638	Blue clay, with traces of gravel



638-658	Silt, with sand & gravel
658-710	Clay with traces of gravel
710-805	Alternating layers of clay, silt, sand, & gravel
805-880	Clay with traces of clay, silt, sand & gravel
880-906	Tight gravel
906-952	Clay
952-958	Silt with sand & gravel
958-1054	Alternating layers of sand, gravel & clay
1054-1060	Silt with sand & gravel
1060-1082	Clay with a layer of sand
1082-1093	Silt with sand & gravel
1093-1190	Alternating layers of clay, gravel & sand

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#### WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)08cda-1

ft (feet,meters) (south) (west) of section corner..

COMMENTS: (reference, type of well, agency, etc.)

(note: duplicate log/report next entry)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #46

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Soil
4-8	Clay
8-15	Sand
15-39	Sand & gravel
39-110	Blue clay & silt
110-228	Sand & gravel
228-264	Blue clay
264-286	Fine sand
286-300	Blue clay
300-504	Sand & gravel
504-542	Blue clay
542-582	Sand & gravel, with some clay
582-610	Gray clay
610-624	Gravel
624-665	Blue clay with some gravel
665-700	Sand & gravel
700-704	Blue clay
704-714	Sand & gravel
714-722	Brown clay
722-726	Sand & gravel

726-736	Brown clay
736-754	Blue clay
754-828	Sand & gravel with streaks of clay
828-900	Blue clay
900-942	Sand & gravel
942-954	clay with gravel streaks
954-978	Sand & gravel
978-1005	Blue clay
1005-1082	Sand & gravel
1082-1090	Blue clay

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#### WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)8cda-1

ft., 1070 (north) 464 (west) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

(note: duplicate of previous well)

Well owner: Geneva Steel Co, P.O. Box 269, Salt Lake City.

Report of water well driller, state of Utah

Well Number #46

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Soil
4-8	Clay
8-15	Sand
15-39	Sand & gravel
39-110	Blue clay & silt
110-228	Sand & gravel
228-264	Blue clay
264-286	Fine sand
286-300	Blue clay
300-504	Sand & gravel 4"
504-542	Blue clay
542-582	Sand & gravel 4" with streaks of clay
582-610	Gray clay
610-624	Gravel
624-665	Blue clay with streaks of gravel
665-700	Sand & gravel
700-704	Blue clay
704-714	Sand & gravel 4"
714-722	Brown clay
722-726	Sand & gravel 3"
726-736	Brown clay
736-754	Blue clay
754-828	Sand & gravel 4" with streaks of clay
828-900	Blue clay

900-942	Sand & gravel 6"
942-954	Clay & gravel streaks
954-978	Sand & gravel 4"
978-1005	Blue clay
1005-1082	Sand & gravel 4", tight
1082-1090	Blue clay

Temperature ge  
Utah, Part  
Investigation

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## WELL DESCRIPTION

LOCATION: Township: 8S Range: 3E Section: 19 USGS Plot (D-8-3)19bbb

ft (feet,meters) 16170 (south) 31350 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #47

## LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-15	Sand, gravel & boulders
15-157	Gray clay & blue clay
157-220	Clay with traces of sand
220-225	Gravel & water
225-281	Clay & gravel
281-331	Clay
331-359	Conglomerate
359-630	Alternating layers of sands & gravel
630-720	Alternating layers of sand, gravel & clay
720-771	Clay
771-811	Sand & gravel
811-820	Brown clay
820-911	Sand & gravel, with traces of clay
911-920	Gravel
920-955	Clay with traces of gravel & sand
955-1000	Brown & blue clay

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## WELL DESCRIPTION

LOCATION: Township: 8S Range: 2E Section: 32 USGS Plot (D-8-2)32dda

ft (feet,meters) 30690 (south) 21450 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.  
Well Number #48

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-73	Clay & sand with trace of gravel
73-83	Gravel & water
83-92	Brown clay with trace of gravel
92-160	Clay & conglomerate
160-183	Clay & gravel
183-261	Clay, sand & gravel
261-266	Clay
266-273	Clay & sand
273-448	Clay & gravel
448-450	Sand & gravel
450-474	Alternating layers of clay & sand
474-830	Clay with trace of sand

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WELL DESCRIPTION

LOCATION: Township: 9S Range: 2E Section: 23 USGS Plot (D-9-2)23abb  
ft (feet,meters) 16170 (south) 7590 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.  
Well Number #49

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Soil
2-38	Clay & sand
38-50	Gravel, cobbles, & boulders
50-74	Clay
74-81	Gravel & cobbles
81-142	Clay & gravel
142-212	Sand, gravel, cobbles, & boulders
212-330	Clay, gravel & boulders
330-345	Clay
345-518	Clay, gravel & boulders

518-552	Sandstone with clay streaks
552-611	Hard-packed gravel & boulders
611-782	Clay with gravel & cobbles
782-797	Hard-packed gravel & boulders
797-812	?
812-972	Alternating layers of clay, gravel & boulders
972-982	Clay

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#### WELL DESCRIPTION

LOCATION: Township: 9S Range: 1W Section: 5 USGS Plot (C-9-1)5ddb

ft (feet,meters) 4290 (south) 22110 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p. Well Number #50

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Soil
1-37	Clay & gravel
37-71	Sand & gravel
71-83	Clay & gravel
83-170	Clay, sand & gravel
170-289	Clay, sand, gravel & silt
289-307	Sand & gravel
307-394	Clay, sand & gravel
394-520	Clay & sand
520-544	Clay & gravel
544-547	Sand & gravel
547-662	Alternating layers of clay, sand, & gravel
662-668	Sand & gravel
668-744	Alternating layers of clay, sand & gravel
744-772	Clay, silt & gravel
772-823	Clay

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#### WELL DESCRIPTION

LOCATION: Township: 5N Range: 1W Section: 34 USGS Plot \_\_\_\_\_

SW 1/4 SW 1/4 of section 34.

COMMENTS: (reference, type of well, agency, etc.)

Hill Air Force Base Hole #1

Glenn, W E, Chapman, D S, Foley, D, Capuano, R M, Cole, D, Sibbett, B & Ward, S H, 1980, Geothermal exploration program, Hill Air Force Base, Davis & Weber Counties, Utah; Earth Science Laboratory University of Utah Research Institute report prepared for the Department of Energy Division of Geothermal Energy, Contract No. DE-AC07-78ET28392, 77p., (E-logs included in report)  
Well Number #51

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY	fauna little fauna
0-120	Equigranular quartzose sand	
120-200	Silt, clay, & carbonate quartzose sand	
200-530	Silt, clay, & carbonate mixture	
530-1280	Equigranular quartzose sand (silty near top, cleaner toward bottom)	

WELL DESCRIPTION

LOCATION: Township: 4N Range: 1W Section: 5 USGS Plot \_\_\_\_\_  
SE 1/4 SE 1/4 of section 5.

COMMENTS: (reference, type of well, agency, etc.)

Hill Air Force Base Hole #2

Glenn, W E, Chapman, D S, Foley, D, Capuano, R M, Cole, D, Sibbett, B & Ward, S H, 1980, Geothermal exploration program, Hill Air Force Base, Davis & Weber Counties, Utah; Earth Science Laboratory University of Utah Research Institute report prepared for the Department of Energy Division of Geothermal Energy, Contract No. DE-AC07-78ET28392, 77p., (E-logs included in report)  
Well Number #52

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-210	Silt, clay & carbonaceous mud
210-580	Calcareous silt, clay
580-930	Quartzose sand
930-1300	Silt, clay, carbonaceous mud
1300-2450	Quartzose sand
2450-2900	Silt, clay quartzose sand

WELL DESCRIPTION

LOCATION: Township: 6N Range: 3W Section: 15 USGS Plot (B-6-3)15dad-1

ft (feet, meters) \_\_\_\_\_ (north, south) \_\_\_\_\_ (east, west) of \_\_\_\_\_ section corner.

COMMENTS: (reference, type of well, agency, etc.)

Bureau of Reclamation test hole 4a

Feth, J H, Barker, D A, Moore, L G, Brown, R J, & Veirs, C E, 1966, Lake Bonneville: Geology & hydrology of the Weber Delta District, including Ogden, Utah; United States Geological Survey Professional Paper 518, 76p.

Well Number #53

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-30	Clay, common Lake Bonneville fauna
30-102	Blue clay, common Lake Bonneville fauna
102-108	Sand
108-114	Clay
114-152	Sand
152-156	Clay
156-158	Sand
158-164	Clay
164-173	Sand
173-178	Clay
178-197	Sand
197-216	Clay
216-243	Sand
243-261	Clay
261-272	Sand
272-282	Clay
282-300	Sand
300-333	Clay, with a mixed fresh-water brackish-water fauna 303'-330'
333-335	Sand
335-382	Clay
382-398	Sand
398-402	Sand clay
402-482	missing interval
482-498	Sand
498-501	Clay
501-526	Sand
526-542	Clay
542-550	Sand
550-576	Sandy clay
576-590	Sand
590-612	Clay, with mixed fresh-water brackish-water fauna 610'-615'
612-722	Clay
722-770	Sand
770-778	Clay
778-814	Sand
814-816	Clay
816-823	Sand
823-824	Clay
824-837	Sand
837-934	Clay
934-952	Sand
952-1043	Clay

1043-1056	Sand
1056-1064	Clay
1064-1080	Sand
1080-1110	Clay
1110-1130	Sand
1130-1217	Clay

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WELL DESCRIPTION:

LOCATION: Township: 11S Range: 1W Section: 6 USGS Plot                       
   ft., 3684 (south) 3177 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: L.D.S. Welfare, Elberta  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #54

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-35	Clay & sand
35-72	Clay & gravel
72-205	Clay & lava
205-228	Clay & sand
228-283	Clay & lava
283-303	Cemented lava; water
303-438	Clay, boulders, & lava
438-455	Sand & lava
455-466	Clay & lava
466-491	Gravel & lava
491-513	Clay, gravel & lava

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WELL DESCRIPTION

LOCATION: Township: 2N Range: 1E Section: 30 USGS Plot (A-2-1)30adb  
   ft (feet, meters) 1460 (south) 1110 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bureau of Reclamation, Ogden UT  
 Bountiful test hole #2  
 Report of water well driller, state of Utah  
 TD in bedrock  
 Well Number #55



## LITHOLOGIC LOG

DEPTH, ft	LITHOLOGY	clay streaks rock ay streaks of clay
0-5	Gravel	
5-8	Hard rocks & boulders	
8-21	Hard rocks & gravel	
21-26	Loose rock & black clay	
26-43	Gravel & boulders	
43-53	Gravel & streaks of clay	
53-66	Hard boulders	
66-76	Boulders & gravel	
76-95	Clay, boulders, & gravel	
95-110	Loose rock, streaks of gravel	
110-120	Hard rock, streaks of gravel	
120-145	Big gravel, streaks of clay	
145-170	Sandy clay & clay	
170-185	Sand, little gravel & clay	
185-195	Big rock, gravel & clay	
195-210	Clay & gravel	
210-220	Clay & streaks of small gravel	
220-230	Loose rock, streaks of clay	
230-241	Hard rocks	
241-255	Gravel & sand streaks	
255-265	Gravel, sand & clay streaks	
265-283	Hard rock	
283-308	Sand, clay, & gravel	
308-333	Clay & gravel, streaks of rock	
333-348	Hard rock, streaks of big gravel	
348-350	Hard rock	
350-372	Sandy clay & gravel	
372-395	Clay & boulders	
395-408	Sand (dark)	
408-420	Gravel & hard rocks	
420-424	Hard rock	
424-431	Boulders & gravel	
431-451	Boulders & streaks of hard rock	
451-456	Clay & streaks of rock	
456-481	Hard rock & little streaks of clay	
481-501	Clay & layers of rock	
501-518	Clay & streaks of sand rock	
518-543	Hard sand, gravel, & clay streaks	
543-545	Boulders	
545-583	Hard sand rock, boulders, & few clay streaks	
583-589	Hard rock	
589-615	Sandstone & streaks of clay	
615-618	Sand & gravel, some clay	
618-649	Sand rock, boulders, & few clay streaks	
649-681	Sandstone boulders, few layers of sand & clay	
681-693	Hard sandstone, streaks of rock	
693-709	Sandstone & clay streaks	
709-710	Rock	
710-714	Boulders, sand rock & clay streaks	

714-715	Hard rock
715-721	Boulders, sand rock & a few clay streaks
721-739	Sand rock & streaks of gravel
739-753	Sandstone & streaks of hard rock
754-790	Boulders, sandstone & few clay streaks
790-797	Sandrock, clay & boulders
797-817	Sandstone & boulders
817-822	Clay & small streaks of rock
822-836	Sandstone, boulders, streaks of clay
836-842	Rock & few clay streaks
842-844	Clay
844-846	Boulders & clay streaks
846-848	Sandy clay
848-850	Rock
850-859	Clay & boulders
859-868	Sand, boulders, & clay streaks
868-890	Clay, boulders, gravel, & sand breaks
890-895	Clay & streaks of rock
895-910	Sandstone & boulders
910-915	Clay & streaks of rock
915-918	Hard rock
918-933	Boulders, sand streaks, & clay streaks
933-935	Clay
935-940	Sandstone, boulders, & clay streaks
940-966	Sand rock, clay & sand streaks
966-981	Sandstone, streaks of clay
981-991	Boulders & a little clay
991-996	Boulders, streaks of sand & gravel
996-1005	Hard rock

---

#### WELL DESCRIPTION

LOCATION: Township: 8S Range: 2E Section: 13 USGS Plot \_\_\_\_\_  
 ft \_\_\_\_\_ (feet, meters) \_\_\_\_\_ (north, south) \_\_\_\_\_ (east, west) of \_\_\_\_\_ section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Davis, D A & Cook, K L, 1983, Evaluation of low-temperature geothermal potential in Utah & Goshen Valleys & adjacent areas, Utah, Part I: Gravity Survey; Utah Geological & Mineral Survey Report of Investigation RI-179, 138p.  
 TD in bedrock  
 Well Number #56

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-900	Gravel with minor amounts of clay
900-1000	Travertine
1000-2800	Gravel interbedded with sand & clay layers

2800-4100	Alternating layers of clay & sand
4100-6300	Sandstone with minor amounts of conglomerate tuff & clay
6300-6600	Alternating layers of gravel, sand & clay
6600-7300	Sand
7300-9000	Claystone grading into shale
9000-9400	Sandstone with minor amounts of shale
9400-10200	Shale
10200-10700	Sandstone with minor amounts of shale & claystone
10700-11200	Shale with alternating sandstone
11200-12300	Sandstone
12300-12700	Siltstone with minor amounts of shale
12700-13000	Shale alternating with siltstone (Miocene)

---

#### WELL DESCRIPTION

LOCATION: Township: 6S Range: 2E Section: 8 USGS Plot (D-6-2)8cac-5

ft (feet,meters) 1934 (north) 966 (west) of S 1/4 corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Geneva Steel Co. P.O. Box 269, Salt Lake City, Utah

Report of Well Driller, state of Utah

Well Number #57

#### LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Clay & gravel
5-16	Blue clay
16-18	Gravel
18-60	Blue clay & silt
60-70	Sand & gravel, some clay
70-112	Blue clay
112-159	Gravel
159-165	Yellow sandy clay
165-186	Sandy clay & gravel
186-215	Sand & gravel
215-290	Blue clay
290-296	Layers of blue clay & gravel
296-346	Sand to 6" gravel
346-350	Yellow clay & gravel
350-354	Blue clay
354-361	Sand & gravel to 3"
361-380	Brown clay & gravel
380-426	Silt - sand to 6" gravel
426-432	Brown clay & sand
432-476	Sand & gravel to 4", layers of clay
476-524	Blue sandy clay
524-531	Silt - sand to 3" gravel
531-548	Blue clay

548-562	Clay & gravel to 3"
562-576	Blue clay
576-596	Silt - sand & gravel to 4"
596-610	Blue clay
610-638	Blue clay & embedded gravel
638-658	Silt - sand to 4" gravel
658-666	Hard blue & gray clay
666-680	Clay & gravel
680-695	Blue clay
695-710	Yellow clay
710-731	Silt - sand - gravel to 4"
731-740	Brown clay
740-748	Silt - sand - gravel to 4"
748-754	Brown clay
754-805	Sand & gravel to 6" - tight streaks
805-820	Gray clay
820-880	Blue clay & small gravel
880-906	Tight gravel to 4"
906-911	Blue clay
911-948	Clay, cemented gravel
948-952	Blue & brown clay
952-958	Silt, sand to 4" gravel
958-972	Blue & brown clay
972-980	Sand to 4" gravel
980-982	Hard brown sandy clay
982-994	Sand to 4" gravel layers, cemented & clean gravel
994-1008	Layers of blue clay & gravel
1008-1030	Sand to 6" gravel
1030-1036	Sand to 4" gravel, layers of blue clay
1036-1054	Blue clay
1054-1060	Silt, sand, gravel to 3", tight
1060-1066	Blue clay
1066-1069	Hard gray clay & embedded gravel
1069-1079	Sand to 4" gravel, tight
1079-1082	Hard gray clay & embedded gravel
1082-1093	Silt, sand nad gravel to 4"
1093-1098	Brown snady clay & embedded gravel
1098-1122	Sand to 6" gravel, tight, layers of clay
1122-1128	Brown clay, hard
1128-1159	Sand to 4" gravel, tight
1159-1163	Brown clay, gravel, cement streaks
1163-1190	Sand to 6" gravel

---

WELL DESCRIPTION

LOCATION: Township: 5N Range: 2W Section: 16 USGS Plot (B-5-2)16dcd-2

ft (feet,meters) 15510 (south) 17490 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Bureau of Reclamation test hole 5b

Feth, J H, Barker, D A, Moore, L G, Brown, R J, & Veirs, C E, 1966, Lake Bonneville: Geology & hydrology of the Weber Delta District, including Ogden, Utah; United States Geological Survey Professional Paper 518, 76p.

Well Number #58

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-80	Sand
80-110	Silt
110-130	Clay
130-150	Sand
150-170	Clay
170-210	Silt
210-220	Sand
220-230	Gravel
230-410	Silt
410-430	Clay
430-480	Silt
480-490	Clay
490-540	Sand
540-570	Clay
570-590	Sand
590-635	Clay
635-650	Silt
650-675	Sand
675-685	Clay
685-700	Sand
700-710	Clay
710-780	Sand with some gravels
780-820	Clay
820-840	Sand
840-880	Clay
880-890	Sand
890-900	Sand & gravels
900-950	Sand
950-975	Clay
975-1030	Silt
1030-1040	Clay
1040-1060	Silt
1060-1070	Clay
1070-1110	Silt
1110-1120	Sand
1120-1300	Silt
1300-1320	Clay
1320-1400	Silt
1400-1430	Clay
1430-1900	Sand, silt & clay; hardpan at 1600'
1900-2100	Clay
2100-2400	Sand, silt & clay
2400-3007	Sand, silt & clay, clay increases at depth

---

WELL DESCRIPTION

LOCATION: Township 1S Range 1W Section 25, USGS Plot (C-1-1)25aaa  
1691 ft South, 1860 ft West of NE section corner.

COMMENTS:

Well owner: City of South Salt Lake  
Report of water well driller, state of Utah  
Well Number #59

LITHOLOGIC LOG

DEPTH, ft	LITHOLOGY
0-4	Top soil
4-10	Clay
10-12	Sand
12-72	Clay
72-84	Clay & sand
84-100	Sand
100-185	Clay & sand
185-230	Clay, sand & gravel
230-240	Clay
240-242	Sand
242-257	Gravel, 1/4 to 1"
257-283	Clay
283-291	Clay & sand
291-324	Clay
324-329	Gravel, 1/2 to 4"
329-357	Clay
357-398	Clay & sand
398-415	Clay
415-418	Sand & gravel
418-432	Clay
432-447	Clay & sand
447-452	Sand
452-472	Clay
472-485	Clay & sand
485-515	Clay
515-521	Sand & gravel
521-557	Clay
557-598	Clay, sand & gravel
598-606	Clay
606-647	Clay & sand
647-652	Sand, hard
652-718	Clay & sand
718-746	Sticky clay
746-795	Sticky clay with gravel streaks
795-798	Blue clay
798-801	Clay & pea gravel
801-809	Water gravel
809-883	Sticky clay

883-890	Conglomerate
890-905	Tan clay
905-920	Pea gravel & sand
920-934	Sticky gray clay
934-937	Coarse sand
937-947	Gray clay
947-952	Sand & gravel
952-995	Sticky clay
995-1009	Sand & pea gravel
1009-1018	Gray clay

---

#### WELL DESCRIPTION

LOCATION: Township: 12N Range: 1E Section: 27 USGS Plot: (A-12-1)27cab  
ft, 2160 (north), 3660 (west), of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: Logan City Corporation, Logan, Utah  
Report of water well driller, state of Utah  
Well Number #60

#### LITHOLOGIC LOG:

DEPTH, ft.	LITHOLOGY
0-19	Brown clay
19-67	Blue clay
67-84	Blue clay & gravel
84-86	Black clay
86-107	Gray silt & boulder gravel
107-118	Brown silt & gravel
118-142	Brown silt
142-154	Silt & gravel
154-170	Blue silt
170-175	Brown silt
175-227	Silt & gravel
227-274	Silt & boulder gravel
274-287	Clay, silt, & gravel
287-303	Silt, sand, & gravel
303-309	Brown clay
309-311	Silt & gravel
311-317	Brown silt
317-370	Silt, sand, & gravel
370-372	Silt, sand, & boulder gravel
372-388	Brown clay
388-399	Silt, sand, & boulder gravel
399-492	Silt, sand, & gravel
492-498	Clay & gravel
498-519	Clay & silt
519-634	Silt, sand, & gravel
634-640	Brown clay
640-800	Silt, sand, & gravel.

---

WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 26 USGS Plot: (A-10-1)26bcb  
ft, 1350 (south) 4 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Charles Shelton, Logan

Report of water well driller, state of Utah

TD in bedrock.

Well Number #61

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-3	Black
3-5	Clay & boulders; clay brown
5-11	Clay & boulders; clay buff
11-13	Boulder gravel
13-23	Brown clay
23-40	Buff clay
40-66	Clay; w/thin gravel lense
66-90	Conglomerate; grayish
90-113	White lime; soft
113-116	Sand
116-186	Conglomerate; white to brownish
186-204	Conglomerate; of fresh water limestone, layered buff shale

---

WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 16 USGS Plot: (A-10-1)16add  
ft, 103 (north), 154 (west), of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Eldon J Nielsen, RFD Hyrum, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #62

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-1	Soil
1-17	Gravel; in clay, brown
17-38	Clay; w/a little gravel
38-75	Sand; silty, gray, small grains
75-76	Gravel



76-95	Sand; cemented
95-97	Gravel; brown
97-112	Clay; brown, sandy
112-117	Gravel
117-125	Sand; w/silt, water to -38 feet
125-147	Gravel; w/silt, gray, SLF, water to -83 feet

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 11 USGS Plot: (A-10-1)11abb  
ft, 250 (south) 350 (east) of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Shane Whelan

Report of water well driller, state of Utah

TD in bedrock.

Well Number #63

#### LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-3	Red sand; loose
3-14	Sand & cobbles; loose, red
14-16	Silt & sand
16-50	Sand & gravel; soft, loose, river wash
50-100	Sand & gravel; hard, cemented
100-160	Bedrock; implace , fractured

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 14 USGS Plot: (A-11-1)14dad  
ft, 1525 (north), 100 (west), of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Art Checketts, Providence, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #64

#### LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-175	Clay & gravel; talus & shoreline deposits
175-215	Boulders; limestone
215-218	Gravel; lost circulation
218-219	Boulders
219-334	Clay; talus

334-402           Boulders  
402-428           Gravel; shoreline type  
428-477           Boulder gravel  
477-478           Boulders; very hard  
478-502           Buff Caliche  
502-520           Limestone.

gray color lt gray-black  
minerals; this test hole  
of the inferred fault as  
IS map (from application f

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 14 USGS Plot: (A-11-1)14dad  
ft, 65 (south), 190 (east) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Geo E Bankhead, Providence, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #65

#### LITHOLOGIC LOG:

DEPTH, ft.	LITHOLOGY
0-25	Boulders, cobbles
25-27	Sand & gravel
27-36	Sand & gravel
36-58	Boulders; with peat
58-60	Gravel; with peat
60-70	Boulders; with peat
70-82	Gravel; with peat
82-86	Boulders; with peat
86-110	Laketown Dolomite

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 14 USGS Plot:  
ft, 1525 (north), 100 (west), of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Artwell Checketti, 718 9th. St, Ogden, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #66

#### LITHOLOGIC LOG:

DEPTH, ft.	LITHOLOGY
0-8	Brown clay
8-20	Gravel

20-70	Brown clay & gravel
70-100	Black limestone
100-120	Rusty brown limestone
120-371	Limestone, in place; varying color lt gray-black notes : hard rock predominates; this test hole is presumed to lie east of the inferred fault as shown on the latest USGS map.(from application form) Dry hole

---

#### WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 14 USGS Plot: (A-11-1)14add  
ft, 91 (north, 407 (west), of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Don Wilson, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #67

#### LITHOLOGIC LOG:

DEPTH, ft.	LITHOLOGY
0-30	Clay & boulders
30-45	Boulders
45-80	Black lime
80-90	Loose rock
90-180	Black lime
180-195	White limestone
195-260	Black lime

---

#### WELL DESCRIPTION:

LOCATION: Township: 11N Range: 1E Section: 10 USGS Plot (A-11-1)10dad\_  
\_ft., 1600 (north) 450 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Providence City Corporation

Report of water well driller, state of Utah

TD in bedrock.

Well Number #68

# LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Cobbles w/soil
2-3	Cobbles; cemented
3-9	Silty sand
9-12	Cobbles
12-28	Brown clay
28-47	Cobbles; cemented, trace of water
47-49	Brown clay
49-69	Cobbles; cemented, some water
69-76	Clay; w/cobbles
76-89	Cobble gravel; some water
89-90	Gray clay
90-110	Cemented gravel
110-113	Gray clay
113-126	Sand & cobble gravel; cemented
126-135	Sand & gravel; cemented
135-137	Gravel & large boulders
137-139	Gray clay; beleive SL formation starts here.
139-172	Sand & gravel; cemented
172-230	Gravel; cemented
230-243	Brown clay; w/gravel
243-261	Cobbles; cemented, HSL-140'
261-265	Gray clay
265-266	Coarse gravel
266-324	Gravel; cemented
324-337	Sand & gravel; cemented
337-346	Sand & gravel; coarse, HSL-140'
346-377	Gravel; cemented, HSL-134'

Note: 135-377 feet probably Salt Lake Formation, with solution channels as aquifers.

---

## WELL DESCRIPTION

LOCATION: Township: 12N Range: 1E Section: 30 USGS Plot: (A-12-1)30bcd  
ft, 4785.3 (south), 6211.7 (east), of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: Utah Fish & Game, 1596 West North Temple, SLC, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #69

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-208	8 inch cased
208-218	Coarse gravel; well flowed 400 gpm (illegible word) of 6 inch
218-230	Blue clay
230-263	Fine & loose sand & clay
263-278	Fine & loose sand & some coarse gravel
278-282	Yellow clay
282-285	(illegible word) clay with lime
285-294	Blue clay
294-299	Lime, black sand; some water
299-417	Yellow & blue clay,(illegible word) gravel & limestone

---

WELL DESCRIPTION

LOCATION: Township: 11N Range: 1E Section: 6 USGS Plot: (A-11-1)06aaa  
ft, 240 (south), 1990 (east), of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Charles Worley, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #70

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-4	Black clay
4-28	Blue clay
28-63	Clay & sand; gray, trace water
63-105	Silt & sand; gray
105-125	Sand; clean
125-131	Sand
131-210	Sand
210-220	White, freshwater limestone

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 3 USGS Plot: (B-12-2)03dda  
ft, 1140 (north), 560 (west), of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: A A Johnson, Beaver Dam, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #71

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-4	Soil & cobbles
4-16	Gray clay
16-25	Shale, (illegible word)
25-63	Shale; blue layered
63-70	Shale (illegible word), with blue lime
70-90	Freshwater limestone, white
111-115	Gravel, cemented

note: 25' to 115' beleived to be SLF

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 11 USGS Plot:  
ft, 670 (south), 640 (east), of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Sherm Earl, Fielding, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #72

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-105	White & brown clay
105-115	Gravel; water, 112
115-140	Shale

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 32 USGS Plot:  
ft, 2258 (north), 1361 (west), of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Dave Thompson, Deweyville, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #73

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-30	Clay & boulders
30-50	Brown clay & gravel
50-90	White clay
90-140	Blue clay
140-222	Brown claystone
222-262	Blue claystone
262-320	White sandstone; water 270 ft

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 16 USGS Plot: (B-12-2)16baa  
ft, 520 (south), 320 (west), of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: UKON Water Co., c/o Virgil Coombs, Garland, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #74

LITHOLOGIC LOG:

DEPTH,ft.	LITHOLOGY
0-42	Gravel; dry
42-49	Brown clay
49-68	Clay & gravel
68-72	Gravel; water
72-110	Clay & gravel
110-142	Gravel; water
142-166	Grey siltstone
166-189	Green limestone
189-192	Conglomerate
192-223	Blue limestone
223-237	Green limestone
237-275	Blue limestone

note: all formations from 166' on appears to be  
producing water

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 11 USGS Plot: (B-12-2)11bdc  
ft, 1830 (south) 2130 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Clint Judkins, Tremonton, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #75

USGS Plot

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Clay; 6 inches soil on top
2-30	Clay & gravel; few gravel
30-45	Silt & sand
45-50	Gumbo clay
50-55	Gravel; no water
55-60	Gravel; no water
60-85	Blue clay
85-90	Gravel; mostly broken rocks with a little water
90-95	Clay & gravel
95-110	Clay & gravel
110-115	Clay & gravel; water will produce about 2 gpm here
115-125	Green clay
125-130	Soapstone shale & black water
130-135	Shale & water cleaning
135-140	Shale & water about 100 gpm

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 36 USGS Plot \_\_\_\_\_

W 1/2, SE 1/2, NW 1/4.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Inge Dirmhirn, Nibley, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #76

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-6	Top soil
6-14	Grey clay
14-39	Olive clay
39-43	Brown clay
43-56	Olive clay
56-168	Mudstone (water)



---

WELL DESCRIPTIONLOCATION: Township: 12N Range: 2W Section: 11 USGS Plot \_\_\_\_\_

ft, 400\_(south)\_760\_(east)of\_NW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Larry Brown, Beaver Dam, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #77

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-50	White clay
50-70	Brown clay
70-100	Shale (water)

---

## WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 36 USGS Plot (B-12-2)36cac \_\_\_\_\_

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Clair B Stalnaker, 601 N. Main, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #78

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Soil
2-50	Clay; gray to buff, trace of water at 50'
50-91	Shale, gray
91-175	Limestone, white, (illegible word), SLF, fresh-water type
175-183	Sandstone, gray, SLF type

---

## WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 3 USGS Plot (B-12-2)03ddd \_\_\_\_\_

ft, 340\_(north)\_250\_(west)of\_SE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: A A Johnson, Beaver Dam Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #79

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Soil & gravel
8-20	Clay; brown to buff
20-65	Shale; buff to gray, soft
65-75	Fresh water limestone (white); w/some dark rock pebbles SLF
75-80	Fresh-water limestone; white to buff, w/some dark pebbles, very hard, layered

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 25 USGS Plot \_\_\_\_\_

\_\_\_\_ft, 400 (north) 225 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: David Handford, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #80

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Soil, wash
10-107	Buff clay
107-265	Gray-green marl
265-300	Fresh water limestone; firm, soft with gravel of hard rock mixed in

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 3 USGS Plot (B-12-2)03dda \_\_\_\_\_

\_\_\_\_ft, 680 (north) 490 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: A A Johnson, Beaver Dam, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #81

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Cobbles in gray clay
5-14	Gray shale
14-55	Marl; gray, soft
55-76	Marl; buff, firm
76-100	Fresh water limestone, SLF

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 10 USGS Plot \_\_\_\_\_

\_\_\_\_\_ ft, 2880 (north) 1900 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Lee (Scott) Thomas 365 S. 200 W., Tremonton, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #82

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
1-12	Silt; top soil
12-20	Gravel
20-90	Clay & sand
90-100	White sandstone

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 17 USGS Plot \_\_\_\_\_

\_\_\_\_\_ ft, 1300 (south) 100 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Juanita L Bigler, Bountiful, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #83

LITHOLOGIC LOG:

(reference, type of well, agency, etc.)  
 Brigham City, Utah

DEPTH,ft	LITHOLOGY
0-5	Clay & gravel
5-11	Gravel
11-23	Clay & sand; tan
23-40	Grey clay
40-64	Olive clay
64-92	Grey clay
92-128	Clay & gravel; chunks of soft limestone
128-174	Olive colored limestone w/streaks of sandstone
174-300	Fractured limestone, medium soft

Started picking up water at 110'

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 12 USGS Plot (B-12-2)12ccb  
ft, 800 (north) 170 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well Owner: Joseph L Durfey, Collinston, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #84

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Soil, gray
3-22	White clay
22-55	Blue clay
55-80	Shale; gray-green

Dry hole.

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 3 USGS Plot \_\_\_\_\_  
ft, 350 (north) 2100 (west) of E 1/4 section corner.

350000

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: Clarence Richards, 545 N. 2 E. Brigham City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #85

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-116	Clay & silt
116-265	Hardpan
265-295	Bedrock; fracheid , water

WELL DESCRIPTION

LOCATION: Township: 12N Range: 2W Section: 23 USGS Plot (B-12-2)23dab  
ft, 2890 (south) 1050 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: James Afton Veibell, 950 N. 1st W., Tremonton, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #86

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Clay
8-30	White sandstone
30-157	Blue shale
157-170	Good sandstone
170-173	Shale
173-203	Good sandstone
203-226	Shale

WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 32 USGS Plot (B-12-1)32cda  
ft, 870 (north) 2500 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: Fred Hardman, Mendon Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #87

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-25	Clay; buff to gray
25-45	Sandstone; porous, SLF
45-63	Marl; gray, SLF

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 29 USGS Plot \_\_\_\_\_

S 1/2 of SE 1/4 section 29

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: James Olsen, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #88

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Soil
1-10	Yellow clay
10-11	Sand
11-33	Clay
33-35	Shale

---

WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 29 USGS Plot (B-12-1)29ccc \_\_\_\_\_

ft, 50 (north) 50 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Tressa G Cooper, 151 W 3rd S, Wellsville, Utah, 84339

Report of water well driller, state of Utah

TD in bedrock.

Well Number #89

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-8	Clay
8-40	Clay & gravel; mixed

40-44	Gray clay
44-65	Green clay & small gravel mixed
65-80	Hardpan
80-130	Conglomerate
130-160	Sandstone; fractured
160-187	Hard
187-197	Not so hard (fractured)
197-237	Hard
237-288	Fractured
288-302	Hard & fractured, stop drilling

---

#### WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 29 USGS Plot \_\_\_\_\_  
     ft, 1210 (north) 175 (west) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well Owner: Steven Barker, 454 Fernwood, Hyrum, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #90

#### LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Soil; black when wet
1-2	Soft rock slab
2-18	White clay
18-19	Brown clay
19-50	Dry poros formation, lost circulation probably SLF Oolitic sandstone
50-80	Missing interval
80-120	Blue white clay
120-200	Gray marl - hard

---

#### WELL DESCRIPTION

LOCATION: Township: 12N Range: 1W Section: 29 USGS Plot \_\_\_\_\_  
     ft, 525 (north) 200 (west) of S section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well Owner: Bob Adams  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #91

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Brown clay
15-150	Clay; grey with lime
150-168	Limestone

---

WELL DESCRIPTION

LOCATION: Township: 11N Range: 1W Section: 2 USGS Plot (B-11-1)02cad

     ft, 1890 (north) 300 (west) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: B W Franklin, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #92

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-42	Clay; brown, dry
42-108	Clay; brown, wet
108-277	Clay; blue, sticky
227-319	Clay; blue, silty, flow
319-348	Sand; fine, dark
348-372	Clay; blue, sandy, flow
372-384	Silt & gravel; coarse sand, pebble gravel, polished 5%
384-400	Clay; brown, interbedded cobbles, dark, 10%
400-420	Cobbles; tuff, 10%
420-510	Semi-consolidated nodules of cemented tuff & fine sand, gray

---

WELL DESCRIPTION

LOCATION: Township: 11N Range: 1W Section: 2 USGS Plot

     ft, 2940 (south) 1170 (west) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Bruce Griffin, Logan, RFD, Mendoh Road, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #93



LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-33	Brown clay
33-45	Gray clay
45-168	Clay; blue, sticky
168-192	Clay & sand; blue
192-248	Clay & sand; blue, coarse sand
248-300	Clay; blue w/shell
300-347	Black sand
347-379	Clay; blue, sand lenses
379-400	Sand; black, coarse
400-430	Marl; thin sand lenses

WELL DESCRIPTION

LOCATION: Township: 11N Range: 1W Section: 16 USGS Plot \_\_\_\_\_

   ft, 2490 (south) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Paul B Sorenson, Mendon, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #94

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Soil, brown
4-16	Gray silt
16-25	Clay; gray to white
25-63	Clay; mixed w/gravel
63-96	Clay & gravel; clay is white, water
96-108	Clay; white, some gravel
108-115	Gravel; cemented, white filler
115-130	Gravel; cemented, very hard
130-145	Sand; cemented, SLF
145-154	Sand & gravel; cemented, hard, SLF

---

WELL DESCRIPTION

LOCATION: Township: 11N Range: 1W Section: 23 USGS Plot                     

     ft, 280 (north) 100 (west) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Melodey Fassilen & Curtis Maughn

Report of water well driller, state of Utah

TD in bedrock.

Well Number #95

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Black
2-46	Clay; brown, thin sand lenses
46-53	Clay; blue, sticky
53-127	Clay & silt; gray, thin sand lenses
127-139	Clay; blue, sticky
139-142	Silt; gray, SLF
142-145	Boulder & cobble gravel; red, Wasatch Form.

---

WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 8 USGS Plot (A-10-1)08dad

     ft, 1890 (north) 410 (east) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Richard Miller, 89 West 1st. South, Hyrum, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #96

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-6	Top soil
6-103	Sandstone
103-109	Porous sandstone
109-161	Limestone
161-171	Clay; bentonitic
171-179	Gravel; large
179-208	Conglomerate; hard
208-217	Gravel

217-251 Clay; shale  
251-259 Gravel; good  
259-275 Shale

---

WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 7 USGS Plot \_\_\_\_\_

ft, 1370 (north) 600 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: Craig Poppleton, 113 West 100 South, Hyrum, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #97

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Top soil
1-24	Clay, sand, & boulders
24-36	Clay & gravel; brown
36-46	Clay & sand
46-59	Clay & gravel
59-85	Conglomerate; hard
85-88	Clay & gravel
88-103	Sandstone
103-164	Sandy shale
164-173	Conglomerate; water
173-189	Shale
189-202	Conglomerate
202-227	Sandy shale
227-261	Conglomerate
261-314	Coarse sandstone

---

WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 7 USGS Plot (A-10-1)07ccd \_\_\_\_\_

ft, 235 (north) 1240 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: James P Miller, Hyrum, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #98

# LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-6	Top soil
6-9	Brown clay
9-36	Sand; surface water
36-74	Clay & sand; blue
74-95	Blue clay
95-107	Grey clay
107-142	Clay, silt, & sand
142-157	Clay & gravel; water
157-176	Cemented sand
176-192	Grey clay
192-231	White limestone
231-250	Olive limestone
250-300	Blue limestone

note: limestone from 192 on has solution channels  
which produce water.

## WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 7 USGS Plot (A-10-1)07bab \_\_\_\_\_  
ft, 270 (south) 900 (west) of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well Owner: Steven M Wright, Logan, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #99

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Silt, sand, & gravel; soil, black
10-70	Sandstone; buff, oolitic
70-95	Oolitic sandstone, buff, with layered white limestone
95-111	Sand; oolitic
111-113	Gravel; polished limestone, gray

## WELL DESCRIPTION

LOCATION: Township: 10N Range: 1E Section: 6 USGS Plot (A-10-1)06cdc \_\_\_\_\_  
ft, 140 (north) 1100 (west) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well Owner: John Chelstrom, Hyrum, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #100

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Gravel; in black soil
4-40	Clay; dark brown to buff
40-93	Sand; oolitic sandstone, buff, dark to light

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1E Section: 26 USGS Plot (A-10-1)26caa\_  
\_ft., 415 (south) 2495 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Charles Shelton

Report of water well driller, state of Utah

TD in bedrock.

Well Number #101

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-20	Clay; brown, sticky
20-60	Clay & gravel; mixed
60-62	Gravel; trace water
62-140	Cobbles; mixed, buff
140-149	Clay; blue, sticky
149-165	Silt, sand, & cobble gravel; red, Wasatch type

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1E Section: 26 USGS Plot (A-10-1)26bdb\_  
ft, 1600 (south) 1400 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Owner: Addic & Jerry Fuhriman, 3765 Emigration Canyon, Salt Lake, Utah

Report of water well driller, state of Utah

TD in bedrock

Well Number #102

## LITHOLOGIC LOG:

(agency, etc.)  
2005, Paradise, Utah

DEPTH,ft	LITHOLOGY
0-2	Silt; surface soil
2-45	Clay, sand, cobbles & boulders
45-205	Red conglomerate
205-220	Brown sand
220-260	Sandstone
260-375	Red shale; no water

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1E Section: 26 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ ft, 350 (south) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Charles Shelton, Paradise (East), Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #103

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-30	Clay; brown, trace of gravel
30-59	Sand; cemented
59-120	Sand & gravel; lite cementing
120-140	Brown clay
140-155	Cemented gravel
155-162	Brown clay
162-192	Gravel; cemented, bailed 10 gpm
192-207	Brown clay & gravel
207-241	Cemented gravel
241-246	Gravel; lite cementing
246-250	Brown clay
250-258	Cemented gravel
258-263	Fresh water limestone
263-270	Gravel; lite cementing , bailed 10 gpm, 1 hr.

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1E Section: 33 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ ft, 1800 (south) 250 (west) of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Steven D Bray, Warren Phillips, Paradise, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #104

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Soil
1-23	Gravel; brown clay filler
23-45	Silt, sand, & gravel; brown
45-55	Brown clay
55-79	Silt, sand, & gravel; layered w/thin brown clay
79-85	Peat & tuff; thin layers
85-86	Gray lime; SLF

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1E Section: 34 USGS Plot (A-10-1)34bac  
\_ft., 800 (south)\_1850 (east)of\_NW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Paradise Town, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #105

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-24	Brown clay
24-41	Gray clay
41-46	Clay; gray, silty
46-63	Silt & sand; fine, water to 21'
63-67	Sand & gravel; water to 20'
67-101	Clay; gray, sticky w/silt
101-113	Clay; gray, silty, vegetation
113-119	Clay; gray w/silt
119-132	Sand & gravel; w/clay
132-146	Gravel; talus, water to 75'
146-196	Clay; gray, silty
196-201	Lime; soft, gray, w/shale
201-234	Lime; soft, gray, w/shale, indication of underground stream, 6'
234-238	Clay & gravel; gray, w/streaks of gravel
238-245	Sand; shale layers
245-295	Shale; streaks of sand
295-305	Clay, sand, & gravel; brown

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Soil
2-8	Sand & gravel
8-10	Brown clay
10-19	Sand & gravel
19-22	Sand
22-25	Gravel
25-98	Gray lime; SL Form.
98-101	Sand
101-106	Gray lime; SL Form.
106-115	Gravel
115-120	Gravel; water
120-155	Clay; red, Wasatch Form.

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 14 USGS Plot (B-10-1)14adb\_  
\_ft., 1640 (south) 966 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Carl G Mitton, Wellsville, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #108

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Top soil
1-5	Brown clay
5-75	Clay & gravel; brown clay w/streaks of gravel, little water
75-76	Gravel
76-80	Clay; sandy, brown
80-81	Rhyolite

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 14 USGS Plot (B-10-1)14dcb\_  
\_ft., 1050 (north) 180 (east) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Terry L Lindley, 64 E. 8th. S, Wellsville, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #109



## LITHOLOGIC LOG:

dry, etc.)  
Providence, Utah

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-21	Clay & sand
21-34	Clay & gravel
34-36	Gravel; carrying water
36-68	Clay & gravel
68-85	Clay; bentonite
85-96	Clay & gravel
96-113	Clay & sand; mostly sand
113-166	Clay & sand; mostly clay (brown)
166-181	Clay & sand; red
181-190	Clay & sand; brown
190-212	Clay & sand; red
212-224	Conglomerate; carrying water
224-260	Clay & gravel; red
260-263	Hardpan
263-295	Clay & gravel
295-307	Clay, sand, & gravel; grey
307-315	Red shale

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 15 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 1610 (north) 1350 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Thomas Lindley, Mt. Sterling, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #110

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Top soil
3-39	Boulder gravel; dry
39-43	Clay & boulders
43-61	Clay, sand, & boulder gravel
61-109	Clay & gravel
109-112	Limestone; appeared to be solid with no fractures

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 15 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 1260 (north) 1410 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Curtis Thompson, 143 W. 100 N., Providence, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #111

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Silt & sand; top soil
2-23	Sand & boulder gravel
23-45	Silt & sand
45-60	Cobbles & boulders; hard
60-80	Sand; about 2 gpm @ 70'
80-120	Sand & gravel; a little more gravel
120-125	Clay; about 10 gpm, 120-155'
125-155	Sand & boulder gravel; some boulders
155-163	Boulders; hard
163-183	Boulders; hard, broken (may be bedrock), water
183-190	Conglomerate
190-193	Clay & silt
193-195	Limestone; very hard
195-202	Limestone; fractured

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 15 USGS Plot \_\_\_\_\_

\_ft., 80 (north) 1360 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Reed Lindley, Mt. Sterling, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #112

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-22	Clay & sand
22-34	Clay & boulders
34-67	Grey clay
67-115	Clay & gravel
115-166	Clay & boulders
166-250	Fractured limestone

-----  
WELL DESCRIPTION:

LOCATION: Township: 10N Range: 1W Section: 22 USGS Plot (B-10-1)22aad\_

\_ft.,\_1310\_(south)\_280\_(west)of\_NE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Charles P Stewart

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #113

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Gravel; buff to red, some soil fill
8-10	Cobbles; red, Wasatch Form.
10-21	Gravel; buff, in gray clay
21-23	Cobbles & boulders
23-42	Cobble gravel; in gray clay
42-113	Clay; red, w/some gravel
113-124	Gravel; red w/pieces of gray limestone
124-129	Boulders; of gray limestone, pale
129-140	Gravel; ? gray limestone
140-152	Gravel; in clay, red to buff
152-160	Limestone; broken rock
160-162	Boulders; small, of limestone
162-165	Sandstone; red, porous
165-167	Dolomite(?); broken

NOTE: this hole was drilled through a slide mass of Wasatch and SLF.

-----  
WELL DESCRIPTION:

LOCATION: Township:\_10N\_Range:\_1W\_Section:\_22\_USGS Plot\_(B-10-1)22abc\_

\_ft.,\_1310\_(south)\_2180\_(west)of\_NE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Charles P Stuart, Brigham City, Utah

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #114

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Soil
3-7	Brown clay
7-11	Gravel
11-45	Clay; brown, dark, sticky
45-58	Clay; blue-black
58-70	Buff clay
70-80	Clay; w/broken rock, red, water

80-120	Gravel; w/clay filler, reddish
120-134	Broken rock w/clay filler
134-140	Rock; red, Wasatch Formation

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 8 USGS Plot (C-3-4)08aaa  
\_ft., 75 (south) 75 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: JELCO, INC, Salt Lake City, UT  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #115

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-10	Grey clay
10-60	Clay & gravel
60-188	Clay & cobble gravel
188-198	Sand; making water
198-260	Conglomerate
260-320	Clay & boulder gravel
320-330	Clay & boulders
330-375	Clay & boulder gravel
375-443	Clay & gravel
443-474	Clay & boulder gravel
474-507	Clay & cobble gravel
507-527	Clay & gravel
527-538	Conglomerate
538-542	Clay & gravel
542-560	Conglomerate
560-563	Sand rock
563-567	Clay & hardpan
567-655	Sand rock
655-662	Yellow clay
662-675	Sand rock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 16 USGS Plot (C-3-4)16aaa  
\_ft., 200 (south) 200 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: L Flinders, Inc., Salt Lake City, Utah  
Report of water well driller, state of Utah  
Well Number #116

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Clay, silt, & gravel
4-28	Gravel
28-382	Clay & gravel
382-390	Sand & gravel; making water
390-551	Clay & gravel
551-570	Clay & boulder gravel
570-573	Clay
573-605	Boulder gravel
605-641	Clay & boulder gravel
641-646	Clay
646-798	Clay & gravel
798-895	Clay, boulders, & conglomerate
895-899	Clay
899-906	Boulder gravel & conglomerate
906-940	Clay & gravel
940-950	Clay & gravel

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 32 USGS Plot (C-3-4)32bcc\_\_  
\_ft., 2590 (south) 40 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Tooele City, Utah

Report of water well driller, state of Utah

Well Number #117

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-22	Boulders
22-396	Conglomerate
396-426	Clay & gravel
426-470	Conglomerate
470-576	Clay & gravel
576-589	Boulder gravel
589-710	Conglomerate

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 31 USGS Plot (C-3-4)31bba\_\_  
\_ft., 25 (south) 1950 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: US GOVT, Tooele Ordinance Park  
Report of water well driller, state of Utah  
Well Number #118

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-12	Soil & gravel
12-370	Conglomerate
370-420	Clay & gravel; little water
420-425	Conglomerate
425-450	Gravel; water
450-470	Conglomerate
470-505	Gravel; water
505-515	Clay
515-700	Coarse sand & gravel; water

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 29 USGS Plot (C-3-4)29ccb\_\_  
\_ft., 1900\_(south)\_450\_(east)of\_W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Tooele City, Tooele, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #119

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Top soil
1-15	Clay & gravel; brown
15-25	Boulders; loose
25-645	Clay & gravel; cemented
645-795	Gravel; cemented w/streaks of clay
795-950	Clay & gravel; cemented
950-1000	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 29 USGS Plot (C-3-4)29cba\_\_  
\_ft.,\_200\_(south)\_940\_(east)of\_NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Tooele City, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #120

USGS Plot (C-3-4)75

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Top soil
1-35	Clay & boulder gravel
35-430	Clay & gravel
430-560	Conglomerate
560-575	Gravel; water
575-582	Clay & gravel
582-586	Limestone

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 33 USGS Plot \_\_\_\_\_

\_ft., 1450\_(north)\_1050 (west)of\_SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Settlement Canyon Irrigation, Tooele, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #121

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
1-20	Clay, silt, & boulders
20-25	Clay & gravel
25-28	Gravel
28-40	Cobble conglomerate
40-45	Gravel
45-48	Gravel
48-62	Clay, sand, & conglomerate
62-70	Gravel
70-84	Clay & conglomerate
84-95	Gravel
95-101	Cobble conglomerate
101-105	Boulders
105-108	Boulders
108-116	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 35 USGS Plot (C-3-4)35aba  
ft., 15 (south) 723 (east) of NW corner of NE 1/4 .

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Tooele City, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #122

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Soil
5-40	Boulders
40-57	Fine gravel
57-65	Fine sand
65-70	Sand & gravel; water
70-74	Fine gravel; water
74-77	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 21 USGS Plot \_\_\_\_\_  
ft., 2548 (south) 901 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Erb M Johnson, Tooele, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #123

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Top soil
8-127	Conglomerate
127-135	Clay
135-217	Conglomerate
217-225	Clay
225-280	Conglomerate
280-310	Clay
310-325	Conglomerate
325-329	Quartzite bedrock



---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 22 USGS Plot                     

Point 1230 feet, north 85 degrees east from S 1/4 corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: International Building Co., Tooele, Utah

Report of water well driller, state of Utah

Well Number #124

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Soil
2-38	Sand & gravel
38-87	Boulders
87-92	missing interval, no report
92-263	Boulders; very little clay
263-270	Solid quartz
270-286	Loose porphyry
286-293	Solid quartz
293-335	Loose porphyry

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 4W Section: 28 USGS Plot (C-3-4)28cdc

ft., 361 (north) 1420 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Tooele City, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #125

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Top soil
3-20	Boulders
20-74	Cemented gravel
74-105	Conglomerate
105-141	Cemented gravel & clay
141-225	Conglomerate
225-237	Reddish-brown clay
237-354	Conglomerate

354-357	Clay
357-361	Gravel; water
361-362	Hard pan
362-450	Gravel; water
450-452	Red rock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 3W Section: 28 USGS Plot (C-3-3)28bcd  
 \_ft., 2640 (north) 860 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Anaconda Company, R F D #1, Tooele, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #126

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-9	Rock & silt
9-22	Rock & silt
22-65	Rock & silt
65-72	Rock; no silt, caving
72-76	Rock; caving
76-94	Large rock
94-105	Large rock; up to 18"
105-122	Rock & silt
122-125	Rock; 3' diameter
125-130	Rock & silt
130-140	Rock; small amount of clay
140-145	Solid rock
145-152	Rock; water, caving
152-157	Rock & silt; little water
157-162	Large rock
162-165	Rock & silt
165-166	Bedrock
166-168	Fractured bedrock
168-174	Fractured bedrock; no water

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 4W Section: 7 USGS Plot (C-4-4)07adc  
 \_ft., 540 (north) 1320 (west) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Marley Atkin, Tooele, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #127

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-26	Sand & boulders
26-28	Clay
28-30	Gravel
30-78	Clay
78-105	Boulders
105-172	Clay
172-178	Boulders
178-189	Clay
189-192	Gravel
192-220	Clay
220-221	Hardpan
221-235	Clay
235-236	Hardpan
236-242	Gravel
242-244	Hardpan
244-289	Clay
289-341	Cobble conglomerate
341-364	Clay
364-367	Hardpan
367-371	Gravel
371-376	Clay
376-391	Clay
391-393	Gravel
393-399	Clay
399-401	Hardpan
401-442	Gravel
442-445	Clay
445-446	Silt; water
446-510	Clay
510-530	Clay & gravel
530	Bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 5W Section: 13 USGS Plot (C-4-5)13cab

ft., 2800 (south) 3800 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Combined Metals Reduction Co., P O Box 178, Salt Lake, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #128

# LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-25	Clay & top soil
25-75	Washed boulder gravel
75-80	Fine sand
80-85	Clay
85-105	Loose washed gravel & sand; surface water level 100'
105-115	Fine sand
115-125	Mixed clay & gravel
125-150	Clay; fine, light
150-160	Coarse sand
160-175	Fine gravel
175-205	Gravel & large rocks
205-235	Clay & gravel
235-240	Coarse sand
240-265	Gravel & clay; gray boulders
265-270	Gravel; cemented, red
270-280	Gravel & clay; grey
280-285	Gravel; cemented, red
285-295	Gravel; cemented, grey
295-300	Gravel; cemented, red, tight
300-310	Loose gravel; water-bearing
310-320	Sand; fine, white, quicksand
320-385	Clay, sand, & gravel; mixed
385-400	Clay & large boulders
400-425	Gravel & rocks; mixed w/clay, evidence of water in stratum
425-440	Clay & boulders; some lava
440-445	Cemented boulders; no clay
445-460	Clay w/large boulders of quartz & lava
460-465	Lava; hard
465-480	Mixed boulders of lava & quartz w/little or no clay
480-490	Lava; soft, fine
490-500	Lava & clay
500-525	Lava; hard
525-535	Lava w/clay seams

## ----- WELL DESCRIPTION:

LOCATION: Township: 2S Range: 4W Section: 35 USGS Plot \_\_\_\_\_  
   ft., 1016\_ (north) 270\_ (west) of E 1/4 section corner.

## COMMENTS: (reference, type of well, agency, etc.)

Well owner: J Robert Drouby; 1928 East Byan Road, Erda, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #129

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Boulders
4-10	Gravel
10-65	Boulders & conglomerate
65-69	Gravel; rusty water
69-130	Lava rock

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 4W Section: 35 USGS Plot (C-1-4)35dba       
ft., 97 (south) 1530 (west) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Union Oil Co. of California, Salt Lake City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #130

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-20	Tan clay
20-90	Blue clay
90-110	Brown clay
110-210	Blue clay
210-250	Brown clay
250-260	Green clay
260-315	Gray clay
315-330	Brown clay
330-380	Gray clay
380-415	Brown clay
415-427	Green clay
427-442	Gray clay
442-445	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 4W Section: 35 USGS Plot (C-4-1)35adb       
ft., 720 (north) 810 (west) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Union Oil Company, 1148 Canal Blvd., Richmond, CA  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #131

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-20	Tan clay
20-190	Blue clay
190-210	Green clay
210-323	Gray clay
323-326	Clay; cubed lime rock
326-361	Gray clay
361-366	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 4W Section: 25 USGS Plot (C-1-4)25bcc\_\_  
\_ft., 195 (north) 220 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: B A Williams, Lakepoint, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #132

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Brown clay
15-24	Blue clay & gravel
24-34	Conglomerate
34-37	Gravel; water
37-75	Limestone

---

WELL DESCRIPTION:

LOCATION: Township: 2S Range: 4W Section: 2 USGS Plot \_\_\_\_\_  
\_ft., 150 (north) 725 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Hoyt Brady, 1901 E. Canyon Road, Lakepoint, Utah  
Report of water well driller, state of Utah  
Well Number #133

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Clay & gravel
10-20	Clay & hardpan

20-30	Clay & hardpan
30-40	Clay & hardpan
40-50	Clay & hardpan
50-60	Boulders; hard drilling
60-70	Clay & gravel
70-80	Clay & gravel; some water
80-90	Clay & cobble gravel
90-100	Clay, sand, & gravel; lava formation
100-120	Clay & sand; lava rock
120-130	Sand & pea gravel
130-140	Sand & gravel; water

---

WELL DESCRIPTION:

LOCATION: Township: 2S Range: 4W Section: 9 USGS Plot (C-2-4)09aaa\_\_  
 \_ft., 200 (south) 100 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Kennecott Copper Corp., 714 Kearns Bldg., Salt Lake City, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #134

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Clay
18-25	Silt
25-58	Clay & sand
58-115	Clay
115-124	Clay
124-268	Clay
268-279	Clay & gravel
279-457	Clay
457-535	Clay & gravel
535-563	Clay & gravel; little water
563-587	Clay
587-652	Clay & gravel
652-661	Gravel
661-668	Clay & gravel
668-687	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 2S Range: 4W Section: 16 USGS Plot (C-2-4)16aad\_\_  
 \_ft., 780 (south) 515 (west) of 16 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Lester Clark, Erda, Utah

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #135

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Fill
8-25	Yellow clay
25-140	Clay & sand; blue
140-144	Clay & gravel
144-152	Blue clay
152-157	Clay & gravel
157-188	Blue clay
188-193	Gravel; very fine
193-205	Blue clay
205-212	Gravel; very fine
212-215	Clay; light brown
215-220	Clay & gravel
220-288	Blue clay
288-304	Dark lava rock

-----  
WELL DESCRIPTION:

LOCATION: Township: 9N Range: 1W Section: 34 USGS Plot \_\_\_\_\_

\_\_\_\_ft., 720 (north) 2440 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Kim Jeppsen, Brigham City, Utah

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #136

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-47	Gravel; mostly quartzite
47-74	Orange clay
74-105	Clay & boulders
105-170	Black limestone
170-200	Grey limestone; fractured, producing water



---

WELL DESCRIPTION:

LOCATION: Township: 9N Range: 1W Section: 16 USGS Plot \_\_\_\_\_  
\_ft., 1300 (south) 2500 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Dean Jensen, 666W 4th. N., Brigham City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #137

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Top soil
5-21	Clay & gravel; brown
21-49	Grey clay
49-96	Clay & gravel; brown, trace of water
96-235	Fractured limestone

---

WELL DESCRIPTION:

LOCATION: Township: 9N Range: 1W Section: 15 USGS Plot (B-9-1)15cdc\_\_\_\_  
\_ft., 5077 (south) 3841 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: D L Bunderson, Brigham City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #138

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Clay & silt
2-25	Yellow clay
25-35	Gravel; water
35-75	Conglomerate
75-83	Gravel; water
83-85	Limestone

---

WELL DESCRIPTION:

LOCATION: Township: 9N Range: 1W Section: 9 USGS Plot (B-9-1)09aad  
\_ft., 950 (south) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: George O'Dell, Brigham City, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #139

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-58	Clay & boulders
58-80	Clay
80-122	Conglomerate
122-128	Boulders
128-150	Clay & boulders
150-300	Clay w/limestone
300-336	Fractured limestone

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 4W Section: 5 USGS Plot  
\_ft., 835 (south) 561 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bar B Co. (Conner Springs Ranch), Well No. 2, Ogden, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #140

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Soil
1-6	Hard clay
6-12	Clay & gravel
12-18	Hard clay
18-26	Pea gravel
26-37	Clay
37-38	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 10N Range: 2W Section: 26 USGS Plot \_\_\_\_\_  
\_ft., 871 (south) 517 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Corrine City Corp., Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #141

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-27	Boulders
27-57	Clay & cobble gravel
57-81	Boulder gravel
81-82	Gravel; 1 gpm
82-86	Boulders
86-136	Cobbles & boulders; very bad
136-304	Boulders; football size, very sharp
304-370	Fractured Schist

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 2W Section: 28 USGS Plot \_\_\_\_\_  
\_ft., 750 (south) 250 (east) of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Elwood Town, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #142

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-38	Gravel
38-55	Boulders
55-64	Gravel
64-69	Clay & gravel
69-140	Boulders
140-148	Clay
148-195	Cement boulders
195-220	Boulders
220-260	Dry gravel
260-272	Gravel

272-307 Clay & sand  
307-315 Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 36 USGS Plot (B-12-2)36cac

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Clair B Stalnaker, 601 N. Main, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #143

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Soil
2-50	Clay; gray to buff, trace of water at 50'
50-91	Gray shale
91-175	Limestone; white, porous, SLF, fresh water type
175-183	Sandstone; gray, SLF

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 32 USGS Plot \_\_\_\_\_

   ft., 2258 (north) 1361 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Dave Thompson, Deweyville, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #144

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-30	Clay & boulders
30-50	Brown clay & gravel
50-90	White clay
90-140	Blue clay
140-222	Brown claystone
222-262	Blue claystone
262-320	White sandstone; water at 270'

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 25 USGS Plot \_\_\_\_\_  
\_ft., 400\_(north)\_225\_(east)of\_SW\_\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: David Handlord, Logan, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #145

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Soil; wash
10-107	Buff clay
107-265	Gray-green Marl
265-300	Fresh water limestone; firm, soft, w/gravel of hard rock mixed in

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 23 USGS Plot\_(B-12-2)23dab\_  
\_ft., 2890 (south)\_1050 (west)of\_NE\_\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: James Alton Veibell, Tremonton, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #146

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Clay
8-30	White sandstone
30-157	Blue shale
157-170	Sandstone; good
170-173	Shale
173-203	Sandstone; good
203-226	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 17 USGS Plot                     

   ft., 1300 (south) 100 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Juanita L Bigler, Bountiful, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #147

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Clay & gravel
5-11	Gravel
11-23	Clay & sand; tan
23-40	Grey clay
40-64	Olive clay
64-92	Grey clay
92-128	Clay & gravel; chunks of soft limestone
128-174	Olive limestone
174-300	Fractured limestone; medium soft

Started picking up water at 110'

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 16 USGS Plot (B-12-2)16baa

   ft., 520 (south) 320 (west) of N 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: UKON Water Co., c/o Virgil Coombs, Garland, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #148

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-42	Gravel; dry
42-49	Brown clay
49-68	Clay & gravel
68-72	Gravel; water
72-110	Clay & gravel
110-142	Gravel; water
142-166	Grey siltstone

166-189	Green limestone
189-192	Conglomerate
192-223	Blue limestone
223-237	Green limestone
237-275	Blue limestone

All formations from 166' appear to produce water

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 11 USGS Plot           

         ft., 676 (south)          640 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Sherm Earl, Fielding, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #149

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-105	Clay; white & brown
105-115	Gravel; water at 112'
115-140	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 10 USGS Plot           

         ft., 2880 (north) 1900 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Lee (Scott) Thomas, 365 S. 200 W., Tremonton, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #150

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
1-12	Top soil
12-20	Gravel
20-90	Clay & sand
90-100	White sandstone

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 2W Section: 3 USGS Plot (B-12-2)03ddd  
ft., 490 (north) 380 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: A A Johnson, Beaver Dam, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #151

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-7	Cobbles w/black soil
7-16	Clay; brown to buff
16-34	Gray clay
34-40	Buff shale
40-44	Buff shale; very hard
44-57	Sand & gravel; in Fresh water limestone, very hard
57-80	Fresh water limestone; white to gray

---

WELL DESCRIPTION:

LOCATION: Township: 2S Range: 1E Section: 25 USGS Plot       
ft., 25 (north) 40 (east) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Murray City Corp., Murray, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #152

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-67	Sand & boulder gravel
67-74	Gravel; dry
74-88	Conglomerate
88-250	Gravel
250-280	Boulder gravel; w/clay streaks
280-327	Gravel; loose, w/rock
327-333	Clay & sand; brown
333-345	Boulder gravel
345-429	Boulder gravel; w/clay streaks
429-433	Bedrock



SIGNIFICANT WELLS OF THE WASATCH FRONT VALLEYS, CACHE VALLEY, & TOOELE VALLEY.  
William F Case, Utah Geological & Mineral Survey.  
September 1985

-----  
WELL DESCRIPTION:

LOCATION: Township: 2S Range: 1E Section: 2 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 365 (south) 40 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Salt Lake County Water System, 42 S. 27th. E. SLC, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #153

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-2	Top soil
2-90	Conglomerate
90-97	Red conglomerate
97-118	Clay
118-167	Conglomerate
167-171	Clay
171-258	Conglomerate
258-298	Sand & gravel
298-304	Clay
304-310	Conglomerate
310-319	Gravel
319-353	Conglomerate
353-358	Gravel; water
358-367	Conglomerate
367-374	Gravel; water
374-377	Clay
377-398	Gravel; water
398-400	Bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 12N Range: 4W Section: 23 USGS Plot (8-12-4)23bda \_\_\_\_\_  
\_\_\_\_\_ft., 1320 (north) 2460 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Brigham City North LDS Stake, Brigham City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #154

# LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-43	Clay
43-96	Clay & gravel
96-115	Gravel; dry
115-177	Clay & gravel
177-200	Clay & cobble gravel
200-280	Clay & gravel
280-380	Clay, silt, sand, & gravel; some water
380-390	Gravel & conglomerate
390-530	Clay & gravel
530-581	Clay, sand, & gravel
581-594	Cobble gravel
594-665	Fractured bedrock; making water

---

## WELL DESCRIPTION:

LOCATION: Township: 12N Range: 4W Section: 22 USGS Plot (B-12-4)22aac\_  
\_ft., 1320 (south) 1320 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bill & John Hawkings, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #155

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Top soil
3-23	Yellow clay
23-86	Clay & gravel
86-152	Yellow clay
152-156	Clay & gravel
156-187	Clay & sand; brown
187-234	Clay & gravel
234-252	Gravel; water
252-297	Clay & gravel
297-307	Boulder gravel
307-680	Limestone; fractured & broken

-----  
WELL DESCRIPTION:

LOCATION: Township: 12N Range: 4W Section: 14 USGS Plot (B-12-4)14cba  
ft., 1990 (south) 1050 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Cleon Summers, Tremonton, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #156

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-38	Yellow clay
38-65	Clay & gravel
65-184	Clay, sand, & gravel
184-190	Clay & gravel
190-195	Clay
195-200	Gravel & boulders
200-215	Clay & gravel
215-220	Clay, gravel, & boulders
220-273	Bedrock; quartzite, dry hole.

-----  
WELL DESCRIPTION:

LOCATION: Township: 12N Range: 4W Section: 5 USGS Plot \_\_\_\_\_  
\_ft., 72 (south) 90 (east) from the NW corner of the NW 1/4\_.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: H. Desse Hunsaker, Tremonton, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #157

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Soil
2-70	Clay; with some gravel, light brown
70-95	Clay & gravel; dark gray
95-154	Clay & gravel; light brown
154-187	Clay & gravel; brown
187-195	Clay; dense, gray
195-344	Clay & gravel; light brown

344-392	Shale; broken, light
392-420	Shale; broken, dark
420-452	Shale; broken, oxford gray
452-540	Cemented gravel; brown
540-627	Shale; oxford gray
627-670	Sand; hard, gray
670-682	Shale; hard, dark
682-698	Lime; hard, gray
698-867	Lime; hard, oxford gray

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 4W Section: 10 USGS Plot \_\_\_\_\_  
\_ft., 1689\_ (north) 324 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Manning Brothers, Tremonton, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #158

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Clay
4-16	Gravel
16-35	Clay & sand
35-94	Clay
94-105	Clay & gravel; water one hour bailing test 14 gal.
105-122	Clay
122-135	Clay & gravel
135-152	Clay
152-188	Clay, sandy
188-210	Clay & gravel
210-229	Clay
229-338	Clay & gravel
338-450	Lime; broken

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 3W Section: 31 USGS Plot \_\_\_\_\_  
\_ft., 1146 (north) 1881 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Conald J. Home, Jr., RFD 2, Tremonton, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #159

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Top soil
4-100	Limestone; yellow
100-140	Hard limestone; yellow
140-280	Yellow limestone
280-455	Black limestone
455-500	Black limestone; water

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 3W Section: 28 USGS Plot (B-12-3)28bbb  
(feet,meters) \_\_\_\_\_ (north,south) \_\_\_\_\_ (east,west) of \_\_\_\_\_ section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Jay Haplmaren, Garland, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #160

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Top soil
15-40	Clay & sand
40-62	Clay
62-84	Sand & gravel
84-103	Sandstone
103-110	Conglomerate
110-116	Bedrock
116-128	Blue limestone
128-140	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 12N Range: 3W Section: 15 USGS Plot (B-12-3)15cdc  
\_ft., 144 (north) 1111 (west) from S1/4 corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Lorus King, RFD, Garland, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #161

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-7	Boulders & clay
7-18	Clay & gravel
18-90	Clay & sand
90-105	Clay
105-118	Clay & gravel
118-185	Boulders
185-195	Rock; likely shale
195-216	Sandstone
216-223	Rock; likely shale, hard
223-277	unreported rock type; unable to tell (bailing) if water was below 223 '

Seepage of water at approx. 90 ft. was approx. 5 gpm

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 1 USGS Plot (B-11-4)01aad  
ft., 1160 (south) 110 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: K. Brackman, Tremonton, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #162

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Top soil
3-22	Red clay
22-49	Quicksand
49-52	Gravel
52-59	Clay; hard pan
59-62	Gravel; water
62-70	Sandstone
70-100	Conglomerate

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 3 USGS Plot (B-11-4)03bdb  
ft., 1640 (south) 1580 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Curtis Anderson, Bothwell, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #163

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-12	Yellow clay
12-64	Clay & gravel
64-75	Gravel & boulders
75-90	Clay, gravel, & boulders
90-96	Clay & gravel
96-105	Clay, gravel, & boulders
105-124	Clay & gravel
124-128	Sand & gravel; water
128-259	Clay & gravel
259-322	Conglomerate; yellow
322-326	Clay
326-333	Clay & gravel
333-344	Clay, sand, & gravel
344-349	Sand, gravel, & cobbles
349-354	Clay & gravel
354-376	Conglomerate
376-417	Rock
417-425	Sand, gravel, & conglomerate
425-477	Rock - black lime

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 4 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ ft., 1600 (south) 200 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Thatcher Penrose Water Co.  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #164

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-20	Gravel
20-40	Clay
40-225	Sandstone
225-270	Sandstone; soft
270-282	Limestone

282-310	Sandstone
310-350	Limestone
350-370	Sandstone
370-380	Limestone
380-390	Sandstone
390-475	Limestone
475-495	Sandstone
495-700	Hard limestone
700-815	Very hard limestone; no water

red)  
little water  
in clay

---

WELL DESCRIPTION:

LOCATION: Township: 8S Range: 1W Section: 19 USGS Plot (C-8-1)19add  
\_ft., 2000 (south) 350 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Wayne C. Bateman

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #165

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
120-132	White limestone
132-168	Blue limestone
168-175	White limestone
175-175	Brown limestone
175-183	Blue limestone
183-184	Sandstone
184-202	Dolomite
202-203	Sandstone
203-267	Dolomite
267-268	Sandstone
268-347	Dolomite
347-400	Hard basalt

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 16 USGS Plot (B-11-4)16abb  
\_ft., 50 (south) 2950 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Thatcher-Penrose Service District, Thatcher, Utah

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #166



LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Top soil
5-40	Silt, gravel, 7 boulders; (mixed)
40-94	White clay, gravel, & boulders; (mixed)
94-100	White clay; sticky, w/gravel, mixed, little water
100-127	White clay
127-135	Sand & gravel mixed; with light brown clay
135-180	Light brown clay
180-188	White clay, gravel, & boulders, (mixed)
188-234	Clay & boulders; mixed
234-255	Bedrock; water
255-267	Bedrock with yellow clay streaks; water
267-295	Bedrock with white clay streaks; water
295-300	Hard bedrock with with clay streaks; water

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 21 USGS Plot                     

   ft., 100 (south) 1600 (west) of E1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Gerald Dolman

Report of water well driller, state of Utah

TD in bedrock.

Well Number #167

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Top soil
10-40	Clay
40-60	Gravel
60-430	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 4W Section: 31 USGS Plot                     

   ft., 141 (south) 705 (west) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: American Savings & Loan, 77 W., 2nd. S., SLC, Utah

Report of water well driller, state of Utah

TD in bedrock.

Well Number #168

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-12	Clay
12-40	Clay, sand, & conglomerate
40-85	Conglomerate
85-100	Sand & gravel; water
100-103	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 3W Section: 5 USGS Plot (B-11-3)5dda  
ft., 1066 (north) 350 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Boyce Co., Tremonton, Utah  
Report of water well driller, state of Utah  
Well Number #169

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Top soil
1-40	Brown clay
40-45	Brown sand
45-125	Blue clay
125-145	White sand rock
145-150	Clay
150-200	Hard rock - broken
200-240	Clay
240-250	Hard rock - fractured
250-260	Clay
260-270	Fractured rock
270-275	Clay

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 3W Section: 6 USGS Plot (B-11-3)6dbd  
ft., 3313 (south) 852 (east) from NW corner of NE 1/4.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: B.Y. Westmoreland  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #170

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-5	Boulders; dark
5-40	Clay & gravel; yellow
40-67	Clay & gravel; light gray
67-73	Shale, rock; hard, brown
73-84	Shale, rock; shattered, hard, brown
84-92	Sandy shale; light gray

---

WELL DESCRIPTION:

LOCATION: Township: 11N Range: 2W Section: 3 USGS Plot (B-11-2)3ddd  
ft., 340 (north) 250 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: A.A. Johnson, Collinston, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #171

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Gravel & cobbles with black soil
8-20	Brown to buff clay
20-65	Shale; buff
65-75	Fresh water limestone; white, soft
75-80	Fresh water limestone; white, hard

---

WELL DESCRIPTION:

LOCATION: Township: 6N Range: 3W Section: 7 USGS Plot (B-6-3)07cbd  
ft., 1320 (north) 1200 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Basin Land & Livestock, 2761 Pierce, Ogden, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #172

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-60	Clay
60-70	Sand
70-145	Clay
145-149	Rock

---

WELL DESCRIPTION:

LOCATION: Township: 6N Range: 3W Section: 19 USGS Plot \_\_\_\_\_  
 \_ft., 120 (south) 1142 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Marquardt Aircraft Corp., Well No. 1  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #173

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-10	Clay & sand
10-36	Clay
36-37	Gravel; water
37-78	Black clay
78-86	Brown silt
86-112	Grey clay
112-115	Green clay balls; water
115-150	Light-green clay
150-157	Gravel; water
157-186	Dark-gray clay
186-188	Sand
188-197	Clay
197-210	Gravel; water
210-213	Clay
213-219	Gravel; water
219-222	Clay
222-227	Sand, rocks; cubed
227-229	Solid rock

---

WELL DESCRIPTION:

LOCATION: Township: 4N Range: 1W Section: 1 USGS Plot (B-4-1) 01bbd \_\_\_\_  
 \_ft., 740 (south) 780 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: George Richards, 8102 S. Highway 89, Weber County, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #174

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-90	Sand; approx. 2 gpm water
90-120	Sand & small gravel
120-135	Clay, sand, & gravel
135-197	Silt, sand, & gravel; hardpan
197-197	Gravel; water 2 gpm
197-250	Conglomerate; limestone

-----  
WELL DESCRIPTION:

LOCATION: Township: 4N Range: 1W Section: 24 USGS Plot (B-4-1)24cac\_\_  
\_ft., 1575\_(north) 1100 (west)of\_S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Keith W Maw, Ogden, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #175

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Top soil
4-12	Sand & gravel
12-14	Cobbles
14-53.5	Gravel; soil
53.5-107	Granite; blue, green, gray
107-110	Granite; fractured area
110-117	Black granite; small water gain
117-148	Black granite
148-148.5	Fractured area, no water gain or loss
148.5-163	Soil granite; dark green
163-163.5	Quartzite seam; small water gain (1/2 gpm)
163.5-171	Dark granite
171-177	Quartzite seam
177-200	Greenish granite
200-201.5	Granite; fractured area, yield 3-4 gpm

---

WELL DESCRIPTION:

LOCATION: Township: 4N Range: 1W Section: 35 USGS Plot (B-4-1)35cdb-1  
\_ft., 970\_\_ (north) 1436 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Kaysville City, #4 well, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #176

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Soil
3-13	Clay & sand
13-22	Rock & boulders
22-41	Broken rock; water
41-85	Gravel; water
85-184	Clay & fine gravel; hard & soft streaks
184-192	Gravel
192-210	Sand & gravel
210-238	Gravel
238-260	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 3N Range: 1W Section: 12 USGS Plot (B-3-1)12daa\_\_  
\_ft., 130\_\_ (south) 390\_\_ (west) of E 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Ray W Stoddard, Salt Lake City, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #177

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-35	Cobble & boulder gravel
35-130	Bedrock; cracked
130-240	Granite
240-335	Granite
335-355	Granite; 15 gpm

---

WELL DESCRIPTION:

LOCATION: Township: 3N Range: 1E Section: 18 USGS Plot (A-3-1)18cac  
ft., 775 (south) 1725 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Naylor-Gross, Inc., Farmington, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #178

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-23	Soil & boulders
23-48	Clay & boulder gravel
48-76	Sand
76-85	Clay & sand
85-108	Sand & gravel
108-143	Blue clay & sand
143-164	Blue clay & boulders
164-184	Coarse sand
184-207	Blue clay & sand
207-271	Coarse sand
271-384	Sand & gravel
384-385	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 3N Range: 1E Section: 30 USGS Plot (A-3-1)30bbc  
ft., 1318 (north) 290 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Marchase, Inc., Bountiful, Utah  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #179

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Clay, silt, & cobbles; loose
15-82	Bedrock
82-102	Bedrock; broken, white
102-111	Bedrock; hard, brown
111-114	Bedrock; fractured, gray

114-135	Gray bedrock
135-162	Fractured bedrock
162-187	Tan bedrock
187-203	Gray bedrock
203-221	White bedrock
221-264	Bedrock; white & gray
264-272	Bedrock; fractured, light brown
272-284	Bedrock; fractured, white & gray
284-312	Gray bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 2N Range: 1E Section: 17 USGS Plot (A-2-1)17cac-2  
 \_ft., 1150 (south) 1750 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Ralph A Badger, Salt Lake City, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #180

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-45	Yellow sand
45-60	Boulders
60-185	Limestone bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 2N Range: 1E Section: 21 USGS Plot (A-2-1)21cba\_  
 \_ft., 270 (south) 1230 (east) of W 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Gilbert G Hatch, Bountiful, Utah  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #181

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-30	Sand; top soil
30-44	Sand & boulders
44-261	Solid rock



---

WELL DESCRIPTION:

LOCATION: Township: 7N Range: 2W Section: 11 USGS Plot \_\_\_\_\_  
\_ft., 740\_(north) 380\_(east) of S 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Ray Hansen

Report of water well driller, state of Utah

TD in bedrock.

Well Number #182

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-35	Boulders
35-48	Clay & boulders
48-60	Boulders; water
60-100	Layers of lime & quartzite; water

---

WELL DESCRIPTION:

LOCATION: Township: 7N Range: 2W Section: 24 USGS Plot \_\_\_\_\_  
\_ft., 1036\_(south) 25\_(west) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Neil Millicent Matthews

Report of water well driller, state of Utah

TD in bedrock.

Well Number #183

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-70	Clay & boulders
70-90	Solid rock

---

WELL DESCRIPTION:

LOCATION: Township: 7N Range: 1W Section: 17 USGS Plot \_\_\_\_\_  
\_ft., 689\_(north) 1814\_(east) of SW 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Dan Hess  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #184

S Plot (B-6-1)348C

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-122	Brown claystone
122-160	Brown shale; water 122-150'

-----  
WELL DESCRIPTION:

LOCATION: Township: 7N Range: 1W Section: 21 USGS Plot \_\_\_\_\_

\_\_\_\_ft., 1000\_(north)\_250\_(east)of\_SW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Ben Lomond Estates  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #185

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-30	Silt & boulders
30-40	Clay
40-60	Clay, gravel, & boulders
60-90	Clay & gravel
90-100	Clay
100-110	Clay & boulders
110-130	Clay & gravel
130-150	Clay
150-170	Yellow clay
170-180	Blue clay & gravel
180-190	Yellow clay
190-200	Clay, conglomerate, gray shale, & sand
200-210	Clay, gray shale, & quartz
210-230	Bedrock
230-240	Dark gray to black shale
240-250	Bedrock
250-260	Lighter gray shale
260-280	Fractured bedrock
280-300	Limestone, gray
300-320	Limestone, gray; water
320-600	Gray, green limestone; water

---

WELL DESCRIPTION:

LOCATION: Township: 6N Range: 1W Section: 34 USGS Plot (B-6-1)34acb\_\_  
\_ft., 1620\_(south)\_17\_\_(east)of\_N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Val A. Browning

Report of water well driller, state of Utah

TD in bedrock.

Well Number #186

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Soil
1-8	Gr.
8-20	S
20-168	C
168-172	Rock

---

WELL DESCRIPTION:

LOCATION: Township: 6N Range: 1W Section: 35 USGS Plot (b-6-1)35bcb\_\_  
\_ft., 1610\_(south)\_130\_\_(east)of\_NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Union Pacific Railroad

Report of water well driller, state of Utah

TD in bedrock.

Well Number #187

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-86	Clay & boulders
86-110	Red clay
110-123	Blue, sandy clay
123-136	Brown, sandy clay
136-155	Sand & boulders
155-395	Conglomerate
395-415	Gravel
415-416	Clay
416-430	Gravel
430-440	Conglomerate
440-445	Clay & gravel
445-478	Sand & gravel

478-481	Clay
481-508	Gravel
508-520	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 5N Range: 1W Section: 15 USGS Plot                       
ft., 650 (south) 450 (east) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Jonathon Edmund Browning Corp.  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #188

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Clay, dark brown
2-32	Clay, gravel, & boulders
32-160	Clay
160-250	Brown clay
250-270	Brown, sandy clay
270-312	Brwon, sandy clay & gravel
312-320	Granite

---

WELL DESCRIPTION:

LOCATION: Township: 5N Range: 1W Section: 36 USGS Plot (B-5-1)36cac  
ft., 850 (south) 1880 (east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: R.J., E.J., D.J. Smith & W.P. Petty  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #189

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-25	Gravel & cobbles, brown
25-60	Clay, gravel & cobbles, brown
60-165	Bedrock, fractured water at 150'

-----  
WELL DESCRIPTION:

LOCATION: Township: 2N Range: 1E Section: 28 USGS Plot (A-2-1)28bcb  
\_ft., 980\_\_ (north) 720\_ (east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Bountiful City Corporation

Report of water well driller, state of Utah

TD in bedrock.

Well Number #190

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-37	Clay, gravel, & cobbles; sandy, brown & soft.
37-42	Clay, gravel, & cobbles; gray brown water at 42'
42-46	Clay, gravel, & cobbles; gray
46-49	Clay & gravel; gray
49-67	Greenish gray clay & gravel
67-73	Gray clay & gravel
73-94	Dark brown clay & gravel, much harder; water at 87'
94-101	Conglomerate; green quartzite with quartz, some lime & calcite deposits; water table at 97'
101-104	Layers of green quartzite & quartz - some soft gray rock
104-136	Quartz with some gray quartzite
136-144	Quartz with some green quartzite - loose water
144-178	Quartz with some green quartzite - harder
178-186	Green slate with some quartz - loose water & soft
186-212	Quartzite & quartz, very hard
212-323	Mostly white quartz with some green quartzite with black specks
323-332	Green quartzite - hard
332-335	Green quartzite - softer
335-336	Green quartzite - softer
336-338	Green quartzite
338-343	Green quartzite with some small black pieces; very hard
343-380	Green quartzite with white quartz - extremely hard
380-386	Green quartzite with white quartz & possible fissures, extremely hard
386-420	Green quartzite with white quartz. possible fissures, softer
420-447	Green quartzite with white quartz, possible fissures, harder
447-449	Bedrock - much softer
449-453	Quartz & quartzite, softer
453-510	Quartz & quartzite, green, hard
510-514	White quartz - very hard
514-560	Mostly green quartzite, some white quartz, softer

-----  
WELL DESCRIPTION:

LOCATION: Township: 2S Range: 3W Section: 19 USGS Plot (C-2-3)19acc\_\_  
\_ft., 2200\_(south)\_3000(east)of\_NW\_\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Terracor

Report of water well driller, state of Utah

TD in bedrock.

Well Number #191

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-54	Conglomerate
54-118	Bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1E Section: 33 USGS Plot (D-3-1)33dca\_\_  
\_ft., 1100\_(north)\_1000(east)of\_S1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: John A. Bernardo

Report of water well driller, state of Utah

TD in bedrock.

Well Number #192

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-170	Sand & gravel
170-210	Bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1E Section: 27 USGS Plot\_\_\_\_\_  
\_ft., 1300\_(north)1480\_(east)of\_SW\_\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Steven A. Pendleton

Report of water well driller, state of Utah

TD in bedrock.

Well Number #193

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-25	Sand, gravel, cobbles, boulders; top soil removed
25-70	Sand, cobbles, boulders
70-74	Clay, sand, & cobbles
74-76	Sand & gravel
76-80	Sand, gravel, & boulders
80-108	Clay, gravel, cobbles, & boulders
108-114	Boulders
114-116	Boulders & bedrock; very hard

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1E Section: 23 USGS Plot (D-3-1)23bda  
ft., 800 (north) 100 (west) of center of section .

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Egbert & Jaynes

Report of water well driller, state of Utah

TD in bedrock.

Well Number #194

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-90	Sand, gravel, boulders; loose unconsolidated alluvium
90-110	Bedrock; very weathered granite, highly fractured
110-850	Granite, decomposed with fracturing & quartzite stringers running horizontal

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1E Section: 14 USGS Plot (D-3-1)14dbd  
ft., 1550 (north) 1450 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: James G. Davidson

Report of water well driller, state of Utah

TD in bedrock.

Well Number #195

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-6	Top soil
6-47	Clay, gravel, & boulders
47-50	Gravel; water
50-70	Granite bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1E Section: 12 USGS Plot (0-3-1)12bcd  
\_ft., 620\_(north) 698\_(east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Granite Water Association  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #196

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Top soil
4-7	Sand
7-76	Boulders
76-109	Granite

-----  
WELL DESCRIPTION:

LOCATION: Township: 1N Range: 1W Section: 11 USGS Plot (B-1-1)11abc  
\_ft., 1222\_(south) 360\_(east) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Western States Refining Company  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #197

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-1	Clay
1-25	Sand & clay
25-29	Sand
29-32	Coarse sand
32-55	Blue clay



55-64	Sand
64-140	Sand & clay
140-230	Red sandy clay
230-240	Fine sand & water
240-293	Blue clay
293-305	Fine sand
305-313	White clay
313-319	Sand
319-329	White clay
329-380	Red sandstone
380-400	Conglomerate
400-420	Red clay
420-423	Gravel, water
423-433	Clay
433-472	Conglomerate
472-500	Blue clay
500-505	Hard conglomerate
505-508	Sand
508-511	Very hard
511-521	Conglomerate
521-525	Water, gravel
525-530	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 1N Range: 2E Section: 32 USGS Plot                       
   ft., 800    (north) 750    (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Joe Marty (Jack Barnett)  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #198

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-20	Clay, red soil
20-300	Red sandstone, water at 230 in a fracture

---

WELL DESCRIPTION:

LOCATION: Township: 1N Range: 2E Section: 33 USGS Plot                       
   ft., 1100    (south) 980    (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Dee Henshaw

Report of water well driller, state of Utah

TD in bedrock.

Well Number #199

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Red clay & boulders
15-28	Red shale
28-34	Red clay
34-42	Red conglomerate
42-64	Red shale
64-66	Limestone ledge (bedrock)
66-84	Red shale
84-87	Limestone ledge (bedrock)
87-93	Red shale
93-95	Limestone ledge (bedrock)
95-96	Red shale
96-98	Limestone ledge (bedrock)
98-104	Broken limestone (bedrock); water

-----  
WELL DESCRIPTION:

LOCATION: Township: 1S Range: 3W Section: 20 USGS Plot (C-1-3)20ccd  
ft., 250 (north) 1200(east)of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: State Parks & Recreation

Report of water well driller, state of Utah

TD in bedrock.

Well Number #200

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Black clay, small gravel
3-42	Brown clay, gravel & boulders
42-50	Grayish clay, gravel & boulders
50-65	Limestone, gray
65-66	Limestone, brown
66-85	Limestone, dark gray
85-101	Sandy clay, brown
101-115	Limestone, gray
115-131	Sandy clay, brown
131-156	Clay, sand & gravel
156-182	Brown clay & sand
182-189	Limestone, gray

189-205	Sandy clay, sand, & small gravel
205-215	Limestone, broken, gray
215-220	Gravel & limestone
220-290	Broken limestone, & quartz
290-310	Broken limestone, & quartzite
310-386	Limestone, broken, soft, brown
386-395	Brown sandstone, hard
395-480	Brown, soft limestone, broken in some areas
480-835	Quartz, broken & solid areas

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 2W Section: 19 USGS Plot \_\_\_\_\_  
ft., 2627 (north) 287 (west) of S1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Utah Copper Co.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #201

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Silt
4-14	Sandy clay
14-48	Soft blue clay
48-66	Soft blue clay & gravel
66-140	Blue & yellow clay
140-146	Some gravel in clay
146-183	Brown clay
183-190	Gravel & 3" in clay
190-242	Brown clay
242-259	Clay & gravel to 2"
259-275	Gravel to 5", clay & cement
275-285	Brown clay
285-291	Gravel, boulders & clay
291-310	Cemented gravel & boulders
310-333	Quartzite

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 2W Section: 31 USGS Plot \_\_\_\_\_  
ft., 275 (south) 200 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Karl Jorgenson  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #202

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-27	Clay & gravel
27-68	Gravel
68-100	Gravel, little water
100-126	Sand & gravel
126-157	Boulders
157-178	Clay
178-215	Bedrock

-----  
WELL DESCRIPTION:

LOCATION: Township: 2S Range: 2W Section: 27 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 2800\_(north)\_900\_(east)of\_SW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Glen H. Wood  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #203

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Clay, top soil
2-46	Gravel, pea-size
46-52	Clay
52-78	Clay & gravel
78-82	boulders
82-105	Clay & gravel
105-111	Boulders
111-152	Clay & gravel, tan
152-171	Clay & gravel, darker tan
171-174	Clay & boulders
174-181	Clay & gravel, mostly gravel
181-236	Clay & gravel, gray
236-273	Sand & gravel
273-345	Shale

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 2W Section: 5 USGS Plot (C-3-2)5acb  
ft., S 49° 47' W 2851 ft from the NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Kennecott Copper Corporation

Report of water well driller, state of Utah

TD in bedrock.

Well Number #204

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-120	Typical surface clay
120-200	Fine, gummy clay with andesite granules - very much altered
200-300	Fine gummy clay with andesite particles highly altered
300-350	Fine sandy marl
350-370	Coarse gravel 1" to 4" well rounded to angular, mostly dark colored andesite
370-400	Clay with andesitic gravel particles
400-500	Gummy clay
500-538	Sandy clay with andesite gravel particles
538-620	Andesite breccia
620-748	Compacted andesite & clay, probably andesite flow-bottom
748-900	Very fine gummy marl
900-1020	Dense compacted clay
1020-1035	Light tan colored clay
1035-1050	Sandy clay, medium coarse andesitic
1050-1103	Fine light tan clay with finely divided volcanic ash; light bluish green clayey marl with (?)
1103-1119	Compacted clay of sandy composition with interbeds of coarse sand & volcanic ash
1119-1160	Brown to tan clay with (?) material
1160-1187	Clay & clayey marl considerable plant debris
1187-1275	Clay, brown to light cream color

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 2W Section: 29 USGS Plot   
ft., S 50° W 3430 ft from NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: United States Smelting Mining & Refining Co.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #205

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-12	Red clay
12-170	Coarse gravel & clay
170-190	First indication of water
190-225	Heavier clay & some gravel
225-260	Fine gravel & clay
260-268	Boulders, gravel & heavy clay
268-278	Red clay
278-285	Gravel & red clay
285-287	Red clay
287-300	Streaks of gravel & red clay
300-325	Hard white rock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 2W Section: 32 USGS Plot (C-3-2)32dbc  
ft., 1740 (north) 2470 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Herriman Irrigation Co.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #206

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Top soil
15-25	Sand with water
25-45	Clay & gravel
45-50	Water, gravel
50-55	Sandy clay
55-58	Clay
58-63	Clay
63-73	Gravel
73-105	Gravel & clay
105-185	Brown clay
185-190	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 3S Range: 2W Section: 33 USGS Plot \_\_\_\_\_  
ft., 400 (south) 1350 (east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Jesse H. Dansie

Report of water well driller, state of Utah

TD in bedrock.

Well Number #207



LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-55	Clay, gravel, cobbles, & boulders
55-425	Volcanic rock with thin clay layers. Very tight formation.

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 3 USGS Plot (C-4-2)3cdc  
\_ft., 928\_(north) 43\_(west)of 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Wayne Horsley

Report of water well driller, state of Utah

Well Number #208

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-54	Boulders
54-84	Basalt
84-113	Fractured basalt

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 9 USGS Plot (C-4-2)9bad  
\_ft., 1165\_(south) 600\_(west)of 1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Rose Canyon Water & Development

Report of water well driller, state of Utah

TD in bedrock.

Well Number #209

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Clay
8-19	Clay & gravel

19-26	Clay, gravel, & boulders
26-54	Clay, sand, & gravel
54-137	Hardpan; decomposed granite
137-183	Clay & gravel; little amount of water
183-305	Red conglomerate
305-370	Clay & sand
370-530	Hardpan; granite with clay streaks
530-585	Clay, brown with granite parts
585-600	Green shale

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 3 USGS Plot \_\_\_\_\_  
 \_\_\_\_\_ ft., \_\_\_\_\_ (north,south) \_\_\_\_\_ (east,west) of \_\_\_\_\_ section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: John Hansen  
 Report of water well driller, state of Utah  
 Well Number #210

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Topsoil
5-15	Brown sand, gravel, cobbles
15-25	Brown clay, sand, gravel, & cobbles
25-45	Brown, sandy gravel; sand & cobbles
45-55	Brown clay, sand, gravel, & cobbles
55-105	Brown, sandy gravel; sand & cobbles
105-115	Gravel & lava boulders
115-150	Lava boulders, brown sand, & gravel
150-160	Lava rock (bedrock)

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 2 USGS Plot \_\_\_\_\_  
 \_\_\_\_\_ ft., 480 (south) 1160 (east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Kenneth & Dell Lauritzen  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #211



LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-19	Clay & cobbles
19-170	Cobbles; volcanic tuff, hard & soft layers
170-210	Gravel & boulders; water at 170'

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 10 USGS Plot \_\_\_\_\_

   ft.,    (north,south)    (east,west) of    section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Al Ray Orton

Report of water well driller, state of Utah

Well Number #212

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Clay, sand, & boulders
10-25	Brown lava boulders, sand & cobbles
25-35	Brown clay
35-45	Clay, sand & brown lava boulders
45-60	Brown clay, sand, & gravel
60-75	Brown & red clay
75-100	Bedrock; red & brown lava rock
100-125	Bedrock; gray lava rock
125-135	Bedrock; brown lava; water
135-141	Brown sand
141-160	Bedrock; red & brown lava
160-200	Bedrock; lava, broken area; water

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 9 USGS Plot \_\_\_\_\_

   ft., 865 (south) 600 (west) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Hi Country Estates

Report of water well driller, state of Utah

TD in bedrock.

Well Number #213

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-12	Top soil
12-33	Sandy clay & boulders
33-35	Lava boulders
35-45	Sandy clay & gravel
45-164	Decomposed granite
164-174	Fractured granite
174-205	Decomposed red granite
205-220	Decomposed gray granite
220-229	Brown hard granite
229-232	Softer granite
232-240	Brown gray sandstone
240-280	Clay & pink gray sandstone
280-325	Gray sandstone
325-365	Red sandstone
365-390	Red sandstone & hard granite
390-490	Red sandstone, softer
490-753	Gray brown sandstone
753-765	Black red cinder sand
765-805	Brown sandstone
805-830	Black lava sand
830-890	Gray sandstone
890-900	Gray shale, trace sandstone

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 4 USGS Plot \_\_\_\_\_  
ft., 550\_\_ (south) 2300(east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Gil Cockman  
 Report of water well driller, state of Utah  
 Well Number #214

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Brown clay & gravel
10-13	Boulders
13-18	Clay & gravel
18-62	Brown clay
62-66	Tan clay
66-127	Brown clay
127-250	Lava formation, dark redish brown. Some water.

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2W Section: 9 USGS Plot (C-4-2)9caa  
ft., 2000 (north) (east,west) of S1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: John A. Andreason

Report of water well driller, state of Utah

Well Number #215

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-35	Clay & boulders
35-56	Conglomerate
56-102	Brown shale
102-110	Boulders
110-121	Clay & gravel
121-124	Clay, gravel & boulders
124-131	Clay & gravel
131-172	Clay & boulders
172-207	Lava

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1E Section: 5 USGS Plot \_\_\_\_\_  
ft., 290 (north) 1530(west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Ballard Water & Land Co.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #216

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Silt, sand, gravel, & cobbles
10-30	Sand, gravel, & boulders
30-40	Clay & sand; dense, tight
40-50	Sand & gravel
50-60	Clay & sand
60-120	Cemented gravel, conglomerate, & bedrock
120-155	Sand, conglomerate, bedrock; some sandstone
155-300	Conglomerate

300-335	Gravel & bedrock
335-380	Quartzite & sandstone
380-443	Sandstone with quartzite lens
443-530	Hard quartzite & white sandstone
530-620	Quartzite
620-660	Sandstone with some quartzite
660-980	Quartzite

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2E Section: 10 USGS Plot (C-4-2)1Dabc  
 \_ft., 920\_(south)\_220\_(east)of\_N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Lynn Walk

Report of water well driller, state of Utah  
 TD in bedrock.

Well Number #217

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Silt
2-22	Clay & gravel
22-41	Clay, dense
41-55	Clay, gravel & cobbles
55-60	Ash
60-190	Granite, dolomite - water

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2E Section: 9 USGS Plot \_\_\_\_\_  
 \_ft., 1920\_(south)\_1820(west)of\_NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Gary Burtosh

Report of water well driller, state of Utah  
 Well Number #218

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-27	Clay & boulders
27-96	Conglomerate
96-168	Boulders & conglomerate
168-200	Hard lava, water

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 2E Section: 18 USGS Plot (D-4-2)18bdd  
\_ft., 2028 (south) 101 (west) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Carl A. Pack

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #219

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-10	Cobbles
10-40	Clay, gravel, & cobbles
40-72	Sand & gravel
72-95	Clay, sand, gravel, & cobbles
95-157	Cemented gravel & cobbles
157-161	Clay & gravel
161-200	Cemented gravel & cobbles
200-220	Sand & gravel; dirty
220-235	Gravel
235-300	Sand & gravel; dirty
300-353	Clay & gravel
353-365	Granite

---

WELL DESCRIPTION:

LOCATION: Township: 5S Range: 2E Section: 21 USGS Plot \_\_\_\_\_  
\_ft., 350 (north) 10 (east) of E1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Pleasant Grove City

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #220

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Clay, cobbles, & boulders
5-25	Clay & boulders
25-35	Boulders (granite boulders)
35-85	Clay, gravel, & boulders
85-95	Clay

95-120	Sand, gravel, & boulders
120-130	Clay, gravel, & boulders
130-140	Boulders
140-145	Clay, gravel & boulders
145-160	Boulders (granite boulders)
160-170	Clay, gravel & boulders
170-180	Boulders
180-225	Clay, gravel & boulders
225-235	Gravel, cobbles, & boulders
235-270	Clay, gravel & cobbles
270-275	Boulders
275-285	Clay, gravel, & cobbles
285-350	Clay, gravel, & boulders; water
350-365	Clay & boulders
365-390	Gravel & boulders; water
390-400	Clay & boulders
400-410	Clay, gravel & boulders
410-430	Limestone
430-455	Fractured limestone; water
455-480	Limestone
480-505	Fractured limestone; water
505-525	Limestone
525-530	Fractured limestone; water
530-600	Fractured limestone with clay

---

WELL DESCRIPTION:

LOCATION: Township: 5S Range: 2E Section: 27 USGS Plot (D-5-2)27baa  
ft., 608 (south) 192 (west) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
 Well owner: Pleasant Grove City  
 Report of water well driller, state of Utah  
 TD in bedrock.  
 Well Number #221

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Top soil; sand & gravel
4-12	Silt, sand, gravel, & boulders
12-15	Clay, sand, & gravel
15-33	Clay, sand, gravel, & boulders
33-38	Clay, sand, & gravel
38-70	Clay, sand, gravel, & boulders
70-81	Clay & boulders
81-89	Clay, gravel, & boulders
89-94	Clay, sand, & gravel
94-121	Clay, gravel, & boulders
121-138	Clay, sand, gravel, & boulders

138-143	Boulders
143-198	Gravel & boulders; loose
198-240	Clay, sand, gravel, & boulders
240-255	Gravel & boulders; loose
255-273	Clay
273-280	Gravel & boulders; water
280-296	Clay, gravel, & boulders
296-330	Brown clay & gravel
330-337	Blue clay & gravel
337-348	Clay, gravel, & boulders
348-382	Boulders
382-395	Brown clay, gravel, & boulders
395-405	Blue clay
405-428	Brown clay, gravel, & boulders
428-452	Boulders
452-535	Bedrock, fractured limestone
535-550	Fractured lime, & water
550-574	Lime, not fractured
574-575	Lime & water
575-580	Lime

---

WELL DESCRIPTION:

LOCATION: Township: 6S Range: 1E Section: 30 USGS Plot (D-6-1)30bcd  
 \_ft., 2400 (south) 1050 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Ireco Chemicals

Report of water well driller, state of Utah

TD in bedrock.

Well Number #222

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-5	Clay, silt, & boulders
5-18	Clay, gravel, & boulders
18-32	Boulders, quartzite
32-39	Clay & boulders
39-230	Clay & boulders
230-272	Hard red clay, & sand
272-403	Dark blue shale
403-490	Hard, dark blue shale; water increasing

---

WELL DESCRIPTION:

LOCATION: Township: 7S Range: 1E Section: 5 USGS Plot (O-7-1)5ccc  
 \_ft., 530 (north) 40 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Intermountain Research  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #223

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Tan clay
15-233	Blue lime, consolidated

---

WELL DESCRIPTION:

LOCATION: Township: 8S Range: 1E Section: 10 USGS Plot \_\_\_\_\_  
\_ft., 3520\_(north)\_565\_(east)of\_SW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: South Shore Farms  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #224

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-4	Top soil
4-40	Clay, cobbles, & boulders
40-60	Sand & gravel
60-108	Clay, sand, gravel
108-115	Sand & gravel
115-152	Clay, sand, gravel, cobbles, & boulders
152-200	Gravel & cobbles
200-275	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 8S Range: 1E Section: 20 USGS Plot \_\_\_\_\_  
\_ft., 440\_(south)\_2100\_(west)of\_NE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Hi country Fruit Farm  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #225



LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Clay
5-10	Clay & gravel
10-40	Gravel & boulders
40-55	Gravel
55-60	Conglomerate; water
60-80	Clay & silt
80-100	Silt
100-160	Clay & silt
160-180	Other(sic); water
180-200	Other(sic)
200-205	Hard bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 1E Section: 27 USGS Plot (D-9-1)27aca  
\_ft., 1818 (south) 1899 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Geneva Steel Company

Report of water well driller, state of Utah

TD in bedrock.

Well Number #226

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Clay & gravel fill
10-20	Gravel
20-311	Broken dolomite
311-320	Fine broken dolomite stone (sand)
320-365	Soft broken dolomite

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 1E Section: 23 USGS Plot  
\_ft., 2200 (south) 200 (east) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Payson Fruit Growers

Report of water well driller, state of Utah

TD in bedrock.

Well Number #227

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-108	Clay & gravel
108-110	Sand
110-122	Sand & gravel
122-169	Conglomerate
169-188	Clay & gravel
188-208	Clay, gravel, & boulders
208-259	Conglomerate
259-371	Sand, gravel, & conglomerate; water at 259'
371-373	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 1E Section: 2 USGS Plot                       
ft., 643 (north) 50 (east) of S1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Ralph & Faye Tomlinson  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #228

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Top soil; clay & silt
10-80	Clay, hardpan, some sandstone ledges
80-100	Hardpan & sandstone; some water at 100'
100-280	Hardpan, clay, & sandstone; water at 240'-280'

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 16 USGS Plot (D-9-2)16dda  
ft., 1185 (north) 400 (west) of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Max E. Dockstader  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #229

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Clay & gravel
15-140	Boulders
140-176	Sand & gravel
176-227	Conglomerate
227-228	Sandstone

COLLECTED

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WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 22 USGS Plot \_\_\_\_\_  
\_ft., 990\_(north)\_655\_(east)of\_W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Pice Armstrong

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #230

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
1-52	Limestone-quartzite boulders
52-92	Limestone-quartzite conglomerate
92-140	Limestone-sandstone conglomerate
140-207	Manning Canyon shale
207-213	Manning Canyon shale, red
213-217	Gray limestone
217-227	Manning Canyon shale, red
227-231	Gray limestone
231-275	Manning Canyon shale
275	Limestone; water

-----  
WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 22 USGS Plot \_\_\_\_\_  
\_ft., 1400\_(south)\_500\_(east)of\_NW\_\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Melvin D. Jep

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #231

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-50	Sand, gravel, cobbles, & boulders
50-67	Boulders
67-157	Conglomerate
157-190	Bright red sandstone
190-210	Red & gray ribbons, sandstone
210-230	Red sandstone

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 24 USGS Plot (D-9-2)24acb\_\_  
\_ft., 1980 (south) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: G. Elmer Hanks  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #232

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-25	Rock & clay mixture
25-38	Lime rock
38-150	Rock & clay mixture
150-180	Lime rock
180-260	Rock & clay mixture
260-300	Lime rock

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 25 USGS Plot (D-9-2)25bbc\_\_  
\_ft., 1260 (south) 300 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Keith Shuler  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #233

# LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Silt
2-7	Brown clay & boulders
7-15	Clay & sand
15-18	Clay & boulders
18-41	Clay
41-53	Clay & boulders
53-55	Clay
55-59	Clay & boulders
59-65	Gravel & boulders; water
65-71	Clay & boulders
71-75	Clay
75-87	Clay & boulders
87-104	Fractured bedrock; water
104-145	Solid bedrock
145-225	Fractured bedrock

## ----- WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 26 USGS Plot (D-9-2)26bcd  
\_ft., 1150\_(south)\_730\_(west)of\_N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Keith Shuler/ Shuler Water Co.

Report of water well driller, state of Utah  
TD in bedrock.

Well Number #234

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Top soil
5-35	Clay & hardpan
35-85	Clay & gravel
85-170	Coarse gravel
170-205	Limed conglomerate
205-220	Tan limestone
220-240	Limed conglomerate
240-270	Brown limestone boulders
270-310	Gray limestone
310-330	Brown limestone
330-390	Gray & brown limestone
390-470	Brown limestone
470-490	Gray & brown limestone
490-520	Brown limestone
520-600	Light tan limestone with clay seams

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 2E Section: 29 USGS Plot (D-9-2)29bba  
\_ft., 600\_(south)\_1200(east)of\_NW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: V.H. Allen Corp

Report of water well driller, state of Utah

TD in bedrock.

Well Number #235

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Gravel, top soil
2-30	Tan clay & gravel
30-48	Boulders
48-154	Red & tan clay
154-250	Gray sandstone with layers around shale water

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 3E Section: 30 USGS Plot  
\_ft., 1000\_(south)\_1700(east)of\_W1/4\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Parley M. Meeley/ Surveying Associates

Report of water well driller, state of Utah

TD in bedrock.

Well Number #236

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-195	Cobbles & boulders
195-205	Cobbles, with a little water
205-285	Clay, cobbles, & boulders
285-400	Limestone

---

WELL DESCRIPTION:

LOCATION: Township: 9S Range: 3E Section: 18 USGS Plot (O-9-3)18ccb  
\_ft., 1000\_(north)\_375\_(east)of\_SW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Albert L. Bylund  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #237

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-8	Clay
8-40	Sand, gravel, & boulders
40-80	Fractured lime
80-160	Clay & fractured lime
160-200	Clay, gravel, & fractured lime
200-250	Fractured lime
250-300	Clay & fractured lime
300-360	Fractured lime;
360-362	Fractured lime; little water
363-400	Fractured lime
400-420	Other(sic); water

---

WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 2 USGS Plot (0-10-1)2bba  
ft., 307 (south) 694 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Genola Town  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #238

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
302-342	Sand & gravel, 3/8" diameter
342-368	Gravel & cobbles, 3" diameter
368-384	Conglomerate
384-408	Gravel & conglomerate
408-485	Clay, sand, & gravel
485-502	Clay & gravel
502-506	Conglomerate
506-527	Clay & conglomerate
527-554	Limestone

-----  
WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 11 USGS Plot (D-10-1)11bdb

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Claude A. Rowley

Report of water well driller, state of Utah

TD in bedrock.

Well Number #239

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Top soil, gravel
5-8	Tan clay
8-42	Gravel
42-56	Blue clay & sand
56-80	Hardpan
80-142	Tan clay & gravel
142-157	Sand & gravel
157-168	Red clay
168-214	Clay & gravel
214-226	Red clay
226-238	Clay & gravel
238-242	Tan clay
242-268	Clay & gravel
268-300	Clay, gravel, & boulders
300-332	Boulders & conglomerate
332-425	Clay, sand, & gravel; water
425-458	Sand & boulders
458-470	Clay & boulders
470-500	Gray sandstone

-----  
WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 16 USGS Plot (D-10-1)16adc

ft., 20 (north) 660 (west) of E1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: J.B. Ranch Inc.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #240

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-150	Clay, silt, & boulders
150-660	Limestone



-----  
WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 21 USGS Plot \_\_\_\_\_  
\_ft., 3496\_(north)\_1220(west)of\_SE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: M.L. Allred

Report of water well driller, state of Utah

Well Number #241

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Clay & silt
2-14	Clay & gravel
14-25	Red clay & gravel
25-45	Cemented gravel
45-160	Cemented black gravel & boulders
160-338	Gravel & conglomerate, volcanics, gray
338-351	Gravel & red sandstones
351-548	Red, cementing clay, gravel, & conglomerate
548-610	Red cementing conglomerate; little water

-----  
WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 4 USGS Plot (D-10-1)4ddc\_\_\_\_  
\_ft., 200\_(north)\_1100(west)of\_SE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: J.B. Ranch Inc.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #242

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-120	Silt & boulders
120-380	Gray shale with limestone
380-400	Fractured shale; water

---

WELL DESCRIPTION:

LOCATION: Township: 10S Range: 1E Section: 30 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 1200 (south) 1600 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Scott Lunceford

Report of water well driller, state of Utah

TD in bedrock.

Well Number #243

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-1	Top soil
1-74	Clay, cobbles, & boulders
74-77	Boulders
77-136	Clay, gravel, & cobbles
136-177	Brown sandy clay
177-224	Clay & gravel
224-242	Clay, cobbles, & boulders
242-289	Gravel
289-307	Gravel & boulders; water
307-326	Cemented gravel
326-351	Loose gravel (caving)
351-370	Clay & gravel
370-403	Sand & gravel, cemented - limestone
403-424	Gray clay & gravel
424-433	Red clay & sand
433-444	Cemented sand & gravel
444-467	Red clay, sand, & gravel
467-499	Gray clay & gravel
499-574	Brown & gray clay & gravel
574-600	Clay & blue, hard shale

---

WELL DESCRIPTION:

LOCATION: Township: 11S Range: 1E Section: 21 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 300 (south) 330 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: William R. Jensen

Report of water well driller, state of Utah

TD in bedrock.

Well Number #244

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-400	Sand, gravel, cobbles, & boulders
400-500	Layers of limestone & cemented gravels
500-525	Fractured limestone; water seams

-----  
WELL DESCRIPTION:

LOCATION: Township: 11S Range: 1E Section: 33 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 2000\_(south)\_1450(east)of\_NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Ed Brown

Report of water well driller, state of Utah

TD in bedrock.

Well Number #245

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-112	Hard, sandy clay & sand
112-118	Lava & gravel
118-149	Hard clay
149-250	Hard rock gravel & clay
250-262	Hard rock; water

-----  
WELL DESCRIPTION:

LOCATION: Township: 1S Range: 1E Section: 26 USGS Plot \_\_\_\_\_  
\_\_\_\_\_ft., 125\_(south)\_180\_(east)from NW corner of SW 1/4 of SE 1/4

COMMENTS: (reference, type of well, agency, etc.)

Well owner: County Water system Inc.

Report of water well driller, state of Utah

TD in bedrock.

Well Number #246

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Top soil
5-60	Red clay
60-75	Blue clay
75-140	Red clay
140-198	Gravel, semi-dry

198-210	Conglomerate
210-238	Gravel, dry
238-260	Bedrock

-4-

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WELL DESCRIPTION:

LOCATION: Township: 1S Range: 1E Section: 11 USGS Plot (B-1-1)11aca  
ft., 883 (north) 1518 (west) of E1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: American Telephone & Telegraph  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #247

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-47	Gravel & streaks of clay
47-102	Gray limestone
102-206	Blue limestone
206-213	Limestone; water
213-245	Black limestone; water

---

WELL DESCRIPTION:

LOCATION: Township: 1S Range: 1E Section: 36 USGS Plot (D-1-1)36bac  
ft., 1140 (south) 1335 (east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: County Water Supply  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #248

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-10	Top soil
10-28	Clay
28-38	Boulders
38-100	Boulders & clay
100-105	Clay & gravel
105-136	Gravel, water
136-165	Clay & gravel
165-185	Shale & gravel
185-230	Red shale
230-250	Gray shale
250-290	Red shale

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 6 USGS Plot (C-4-1)6acb  
ft., 1400 (south) 30 (east) of N1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Eldred Hamilton

Report of water well driller, state of Utah

Well Number #249

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-130	Clay & boulders
130-147	Clay
147-160	Gravel & clay
160-200	Clay
200-235	Gravel
235-241	Clay
241-275	Clay & rocks
275-285	Sandy clay
285-325	Lava & clay
325-400	Clay
400-415	Lava & gravel
415-420	Clay
420-436	Lava
436-450	Lava & sand
450-460	Gravel
460-477	Sandy clay
477-480	Lava
480-540	Sandy clay
540-550	Large gravel
550-560	Sandy lava
560-577	Lava & gravel

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 8 USGS Plot \_\_\_\_\_  
ft., 1420 (south) 800 (west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Boyd W. Lowendahl

Report of water well driller, state of Utah

Well Number #250

## LITHOLOGIC LOG:

agency, etc

DEPTH,ft	LITHOLOGY
0-7	Clay & boulders
7-37	Clay
37-53	Clay & gravel
53-55	Clay
55-70	Clay & gravel
70-90	Clay & boulders
90-95	Clay
95-105	Clay & boulders
105-140	Clay & gravel
140-167	Hardpan
167-185	Lava
185-205	Clay
205-210	Gravel
210-215	Clay

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 13 USGS Plot (C-4-1)13ccc\_\_  
\_ft., 600\_(north)\_400\_(east)of\_SW\_section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Evan W. Hansen

Report of water well driller, state of Utah

TD in bedrock.

Well Number #251

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Silt
3-99	Silt, sand, & gravel
99-148	Conglomerate
148-195	Clay, sand, & gravel
195-226	Sandy clay
226-230	Gravel; water
230-249	Sand & gravel; water
249-290	Solid rock

-----  
WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 14 USGS Plot\_\_\_\_\_  
\_ft., 1350\_(south)\_500\_(west)of\_NE\_section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Evan Hansen  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #252

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-17	Road base
17-82	Sand, pea gravel
82-86	Sandy clay
86-110	Clay & gravel
110-123	Sand & gravel; dry
123-145	Dirty sand; dry
145-180	Clay & gravel
180-220	Gravel; water
220-233	Coarse sand
233-250	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 15 USGS Plot \_\_\_\_\_  
\_ft., 260 (east) of W1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: W. Steve Barlow  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #253

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-27	Cobbles
27-151	Sand, gravel & boulders
151-170	Sand & gravel
170-174	Clay
174-300	Sand & gravel
300-358	Sand, gravel, & boulders; water
358-361	Bedrock

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 16 USGS Plot (C-4-1)16ccd\_\_\_\_  
\_ft., 150 (north) 810 (east) of SW section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Jay G. Bennett  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #254

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-2	Top soil
2-35	Sand, cobbles, & boulders
35-295	Limestone
295-405	Decomposed sandstone

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 23 USGS Plot (C-4-1)23dbd\_\_  
\_ft., 1775(west)of SE section corner.

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: U.S. Geological Survey  
Report of water well driller, state of Utah  
TD in bedrock.  
Well Number #255

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-27	Silt, sand, & gravel
27-86	Sand & gravel
86-93	Clay, silt, & sand
93-106	Sand & gravel
106-110	Clay & silt
110-122	Sand, gravel, & cobbles
122-142	Clay & silt
142-144	Silt, sand, & gravel; water
144-150	Clay, silt, & sand
150	Bedrock, quartzite

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 27 USGS Plot (C-4-1)27abb\_\_  
\_ft., 350\_(south) 490\_(east)of N1/4 section corner.



COMMENTS: (reference, type of well, agency, etc.)

Well owner: Jordon Narrows Estate

Report of water well driller, state of Utah

TD in bedrock.

Well Number #256

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-5	Top soil
5-10	Clay, sand, & gravel
10-55	Clay & sand
55-100	Clay, sand, & gravel; water
100-120	Clay & gravel
120-130	Gravel; water
130-145	Blue clay, sand & gravel
145-280	Clay
280-335	Clay, sand, & gravel
335-360	Sandstone

-----  
WELL DESCRIPTION:

LOCATION: Township: 6S Range: 1W Section: 18 USGS Plot (C-6-1)18         
ft., 1012 (north) 200 (west) of S1/4 section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Leland A. Fitzgerald

Report of water well driller, state of Utah

TD in bedrock.

Well Number #257

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-87	Clay & sand
87-141	Clay, cobbles, & boulders
141-171	Clay & boulders
171-211	Clay
211-228	Clay, cobbles, & boulders
228-230	Sand, cobbles, & boulders
230-278	Clay, gravel, cobbles, & boulders
278-349	Clay, cobbles, & boulders
349-475	Fractured limestone

---

WELL DESCRIPTION:

LOCATION: Township: 7S Range: 1W Section: 13 USGS Plot (C-7-1)13abc  
\_ft., 2200 (south) 1300(west) of NE section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Gerad Neilson

Report of water well driller, state of Utah

TD in bedrock.

Well Number #258

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-15	Clay, silt, sand, & boulders
15-65	Brown clay & gravel
65-103	White & brown clay
103-151	White limestone
151-231	Blue limestone
231-292	Black carbonized shale
292-303	Gravel; water
303-452	Black carbonized shale

---

WELL DESCRIPTION:

LOCATION: Township: 8S Range: 1W Section: 29 USGS Plot (C-8-1)29bdc  
\_ft., 2250 (south) 1810(east) of NW section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: James B. Fitzgerald

Report of water well driller, state of Utah

TD in bedrock.

Well Number #259

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-7	White clay
7-240	Clay, sand, & gravel
240-320	Brown sticky clay, & gravel
320-343	Lava
343-359	Red clay, & gravel
359-447	Limestone
447-500	Lime & shale

---

WELL DESCRIPTION:

LOCATION: Township: 8S Range: 1W Section: 20 USGS Plot (C-8-1)20cdb\_\_  
\_ft., 850\_\_ (north) 1810(east) of SW\_\_ section corner.

COMMENTS: (reference, type of well, agency, etc.)

Well owner: James B. Fitzgerald

Report of water well driller, state of Utah

TD in bedrock.

Well Number #260

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-4	Hard clay
4-202	Clay, sand, & gravel
202-206	Hard clay
206-207	Gravel; water
207-220	Limestone
220-227	Clay, sand, & gravel
227-288	Limestone
288-312	Broken black & white limestone
312-345	Limestone & shale

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 12 USGS Plot (C-4-1)12bcd\_\_

COMMENTS: (reference, type of well, agency, etc.)

Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal Investigations at Crystal Hot Springs, Salt Lake County, Utah; Utah Geological & Mineral Survey Report of Investigation 139, 64p.

Surface Elevation: 4472 ft.

TD in bedrock.

Well Number #261

LITHOLOGIC LOG:

DEPTH, ft	LITHOLOGY
0-18	Gray clay
18-90	Quartzite sand & gravel
90-237	Quartzite; fractured, light gray

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WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 12 USGS Plot (C-4-1)12bcc\_\_

COMMENTS: (reference, type of well, agency, etc.)

Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal Investigations at

Crystal Hot Springs, Salt Lake County, Utah; Utah Geological & Mineral Survey  
Report of Investigation 139, 64p.  
Surface Elevation: 4465 ft.  
TD in bedrock.  
Well Number #262  
LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-55	Clay; tan, minor fine gravel
55-62	Blue clay; stiff
62-86	Sand & quartzite gravel
86-200	Fractured, light gray, quartzite

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 12 USGS Plot\_(C-4-1)12bbd-2

COMMENTS: (reference, type of well, agency, etc.)  
Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal Investigations at Crystal Hot Springs, Salt Lake County, Utah; Utah Geological & Mineral Survey Report of Investigation 139, 64p.  
Surface Elevation: 4460 ft.  
TD in bedrock.  
Map Location #263  
LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-64	Dark gray clay
63-65	Dark brown clay with sand
65-71	Tan, green, & gray, clay with sand
71-86	Tan, gray, sandy clay
86-218	Gray clay, sand, & gravel
218-220	Coarse gravel
220-240	Sand & gravel; intermittent red clay
240-262	Sand & gravel; some clay
262-280	Fractured, dark gray, quartzite

---

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 2 USGS Plot\_(C-4-1)02ddb\_\_

COMMENTS: (reference, type of well, agency, etc.)  
Well owner: Utah State Board of Corrections  
Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal Investigations at Crystal Hot Springs, Salt Lake County, Utah; Utah Geological & Mineral Survey Report of Investigation 139, 64p.  
TD in bedrock.  
Well Number #264

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Top soil
3-82	Blue clay
82-119	Hard pan, sand
119-200	Conglomerate
200-205	Gray clay
205-248	Conglomerate & gravel
248-309	Conglomerate
309-340	Gravel; a little water
340-397	Sand & gravel
397-427	Sand & gravel
427-463	Clay & gravel
463-503	Gumbo clay
503-552	Sticky clay
552-582	Clay & sand
582-603	Sticky clay
603-665	Clay & gravel
665-707	Sticky clay
707-722	Clay & gravel
722-825	Bedrock

-----  
WELL DESCRIPTION:LOCATION: Township: 4S Range: 1W Section: 13 USGS Plot (C-4-1)13ccc

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Evan W Hanson

Murphy, Peter J &amp; Gwynn, J Wallace, 1979, Geothermal Investigations at Crystal Hot Springs, Salt Lake County, Utah; Utah Geological &amp; Mineral Survey Report of Investigation 139, 64p.

TD in bedrock.

Well Number #265

## LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Silt
3-99	Silt, sand, & gravel
99-148	Conglomerate
148-195	Clay, sand, & gravel
195-226	Sandy clay
226-236	Gravel; water
236-241	Sand & gravel
241-290	Fractured quartzite; water

WELL DESCRIPTION:

LOCATION: Township: 4S Range: 1W Section: 13 USGS Plot (C-4-1)13bab

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Loran D Dixon

Murphy, Peter J & Gwynn, J Wallace, 1979, Geothermal Investigations at Crystal Hot Springs, Salt Lake County, Utah; Utah Geological & Mineral Survey Report of Investigation 139, 64p.

TD in bedrock.

Well Number #266

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-3	Silt & sand
3-9	Gravel
9-11	Clay
11-30	Gravel
30-38	Cobble gravel
38-109	Fractured quartzite
109-117	Gravel, water
117-140	Solid rock

-----  
WELL DESCRIPTION:

LOCATION: Township: 1N Range: 1W Section: 14 USGS Plot (B-1-1)14dcb

COMMENTS: (reference, type of well, agency, etc.)

Murphy, Peter & Gwynn, J Wallace, 1979, Geothermal investigation of the Warm Springs Fault geothermal system, Salt Lake County, Utah; Utah Geological & Mineral Survey Report of Investigation RI-140, 24p.

Surface Elevation: 4275 ft.

TD in bedrock.

Well Number #267

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-12	Dry silt; loess(?), tan, red, & yellow
12-15	Sand & gravel with yellow silt
15-30	Gray clay; occasional minor gravel
30-75	Medium to fine, angular, dolomite gravel; with varying percentages of clay & sand
75-133	Weathered & fractured dolomite
133-240	Fractured dolomite
240-253	Fractured (less than above) dolomite

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WELL DESCRIPTION:

LOCATION: Township: 3S Range: 1W Section: 1 NW SW

COMMENTS: (reference, type of well, agency, etc.)

Well owner: Utah Roses

Energy Services, Inc., Idaho Falls, Idaho, 1980, Drilling summary, Utah Roses, Inc., Sandy, Utah

TD in bedrock

Well Number #268

LITHOLOGIC LOG:

DEPTH,ft	LITHOLOGY
0-500	Sand and gravel
500-1200	Clay and fine sandstone
1200-1500	Brown clay and fine sandstone
1500-1900	Clay, quartzite, and limestone
1900-2200	Dark brown clay and sandstone
2200-2900	Sandstone
2900-3050	Some fractures
3050-3700	Sandstone
3700-4500	Red sand, sandstone, and quartzite
4500-4700	Possible fractures
4700-4998	Sandstone