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UNDERGROUND TEST AREA SUBPROJECT PHASE I DATA ANALYSIS TASK

VOLUME IV

HYDROLOGIC PARAMETER DATA DOCUMENTATION PACKAGE

IT CORPORATION
4330 South Valley View Boulevard, Suite 114
Las Vegas, Nevada 89103

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Appendix A

Hydrologic Parameter Data Set

This Appendix contains the data set that was used to estimate HSU hydraulic conductivities (K) and transmissivities (T). The K and T values in this data set are based on the results of various aquifer tests that have been performed in the Death Valley Basin over a period of decades. There are 989 individual data records and more than 70 data sources provided in the reference list. Aquifer testing techniques that have been used to determine the K and T values presented here include pumping tests, injection tests, recovery tests, bail-down tests, swab tests, and slug tests. For each test, data were analyzed by methods deemed technically most appropriate for the type of test conducted and the field conditions. Fields in this database identify site location, test depth interval, HSU, test type and analysis method, data qualifiers, K, T, data reference, and data source. Each database field is described below, and a printout of the complete database follows. A reference list appended at the end of the database provides complete citations for each reference or source document cited. A cross reference for the citation and the IT library number is also included.

Rec #	Record number in the database
Site ID	Unique site identifier (may or may not be a USGS ID)
Site name	Common well or hole name. REDBOOK reporting name for wells on the NTS.
utm_north	Site north coordinate in UTM, Zone 11
utm_east	Site east coordinate in UTM, Zone 11
DDE_F	Data documentation evaluation flag, defined in the documentation package
LSE	Land surface elevation
TOI Depth	Depth to the top of the tested interval
BOI Depth	Depth to the bottom of the tested interval

HSU	Hydrostratigraphic unit tested. HSU codes are provided in the hydrostratigraphic unit organization table provided in the documentation package.
test_type	Type of test conducted Pump pumping test inj injection test rec recovery test swab swab test bail bailing test slug slug test
anal_meth	Method used to analyze test data
DQE_F	Data quality evaluation flag. Flags are defined in the documentation package. L low quality M medium quality H high quality
T	Transmissivity of tested interval
K_Qual	Hydraulic conductivity qualifier est estimated appx approximate rang range < less than
K	Hydraulic conductivity of tested interval
refer_doc	Reference document (Numbers are IT Las Vegas library tracking numbers.)
source_doc	Source document for data

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
1		07N/63-14abc	4260130.78	686157.26	5		70.1	132.59	62.48	5.80E-01	3.62E+01		LCA	pump	specific capacity	L	3.62E+01	5.80E-01	4923	
2		07N/63-14abc	4260130.78	686157.26	5		70.1	132.59	62.48	3.57E+00	2.23E+02	3.57E+00	LCA	pump	drawdown	M	2.23E+02	3.57E+00	4923	
3		08N/43-24aa	4266053.20	491745.32	4		48.77	103.63	54.86	4.58E+00	2.51E+02		LCA	pump	specific capacity	L	2.51E+02	4.58E+00	4923	
4		15S/67-09dd	4057503.43	723936.71	5		109.73	128.02	18.29	2.03E+00	3.71E+01		LCA	pump	specific capacity	L	3.72E+01	2.03E+00	4923	
5		16S/56-08 (#2)	4048740.47	618372.64	5		16.46	175.26	158.8	1.23E+00	1.95E+02		LCA	pump	specific capacity	L	1.95E+02	1.23E+00	4923	
6		16S/58-14a (DR1)	4046912.86	642194.31	4		265.18	283.46	18.29	1.63E+00	2.98E+01		LCA	pump	specific capacity	L	2.97E+01	1.63E+00	4923	
7		16S/58-14a (DR1)	4046912.86	642194.31	4		265.18	283.46	18.29	2.29E+00	4.19E+01	1.40E+00	LCA	pump	drawdown	M	4.18E+01	2.29E+00	4923	
8		16S/58-14a (DR1)	4046912.86	642194.31	4		265.18	283.46	18.29	5.10E-01	9.33E+00		LCA	pump	recovery	M	9.29E+00	5.10E-01	4923	
9		17S/50-23bb2	4035540.64	561175.75	4		0.00	42.67	42.67	8.06E+00	3.44E+02		LCA	pump	specific capacity	L	3.44E+02	8.06E+00	4923	
10		17S/50-23bb2	4035540.64	561175.75	4		0.00	42.67	42.67	7.62E+00	3.25E+02	7.62E+00	LCA	pump	recovery	M	3.25E+02	7.62E+00	4923	
11		18S/63-34ca	4023577.88	686073.22	5		229.82	367.28	137.46	3.58E-02	4.92E+00		LCA	pump	specific capacity	L	4.92E+00	3.58E-02	4923	
12		22N/57-25cd	4399842.05	627504.85	5		146.30	177.70	31.39	5.62E-01	1.76E+01		LCA	pump	specific capacity	L	1.77E+01	5.62E-01	4923	
13		23S/60-24bb	3978338.09	660363.97	5		164.59	213.36	48.77	6.10E-02	2.97E+00		LCA	pump	specific capacity	L	2.97E+00	6.10E-02	4923	
14		23S/61-09bc	3981291.77	665071.51	5		121.92	158.50	36.58	6.86E-01	2.51E+01		LCA	pump	specific capacity	L	2.51E+01	6.86E-01	4923	
15		36N/62-18	4540851.76	667292.08	5		42.67	67.06	24.38	3.05E-01	7.43E+00		LCA	pump	specific capacity	L	7.43E+00	3.05E-01	4923	
16		37N/63-06BA	4554518.03	676383.31	5		169.16	181.36	12.19	3.05E-01	3.72E+00		LCA	pump	specific capacity	L	3.72E+00	3.05E-01	4923	
17		Adobe Federal 16-1	4238854.06	601489.88	5		1153.67	1197.86	44.20	7.36E-01	3.25E+01		LCA	DST	Horner	L	3.25E+01	7.36E-01	4923	1020
18		Adobe Federal 19-1	4208938.44	650521.49	5		2286.00	2348.79	62.79	1.21E+00	7.60E+01		LCA	DST	Horner	L	7.62E+01	1.21E+00	4923	1020
19	22	Amargosa Expl. Hole #3	4043545.73	569223.72	5	733.23	182.62	188.72	6.10	8.16E-04	4.98E-03		AA	INJ	Laboratory	L		8.16E-04	1513	
20	22	Amargosa Expl. Hole #3	4043545.73	569223.72	5	733.23	182.62	188.72	6.10	6.93E+00	4.23E+01		AA	INJ	Laboratory	L		6.93E+00	1513	
21	22	Amargosa Expl. Hole #3	4043545.73	569223.72	5	733.23	182.62	188.72	6.10	3.26E-01	1.99E+00		AA	INJ	Laboratory	L		3.26E-01	1513	
22	24	Amargosa Tracer Hole #1	4043609.21	569251.53	5	733.23	211.89	228.66	16.77	1.93E+01	3.23E+02		LCA	INJ	specific capacity	L	3.23E+02	1.93E+01	1513	
23	21	Amargosa Tracer Hole #2	4043530.57	569157.34	5	731.71	225.00	236.28	11.28	3.08E+02	3.48E+03		LCA	INJ	specific capacity	L	3.48E+03	3.08E+02	1513	
24	23	Amargosa Tracer Hole #3	4043593.74	569185.15	5	732.32	189.02	246.04	57.01	2.62E+01	1.49E+03		LCA	INJ	specific capacity	L	1.49E+03	2.62E+01	1513	
25	27	Army #1 Water Well	4049799.34	586119.43	3	961.59	239.33	356.10	116.77	4.15E+00	4.85E+02	2.18E+00	LCA	PUMP	Cooper - Jacob	M	4.85E+02	4.15E+00	0100	
26	27	Army #1 Water Well	4049799.34	586119.43	3	961.59	239.33	356.10	116.77	9.15E+00	1.07E+03		LCA	REC	Cooper - Jacob	M	1.07E+03	9.15E+00	0100	
27	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	1.20E+00	2.14E+02		LCA	PUMP	Cooper - Jacob	M	2.14E+02	1.20E+00	IT files	0100
28	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	2.70E+00	4.81E+02		LCA	PUMP	Cooper - Jacob	M	4.81E+02	2.70E+00	IT files	0100
29	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	4.97E-01	8.86E+01		LCA	PUMP	Cooper - Jacob	M	8.86E+01	4.97E-01	IT files	0100
30	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	2.81E-01	5.02E+01		LCA	PUMP	Cooper - Jacob	L	5.02E+01	2.81E-01	IT files	0100
31	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	1.18E+00	2.10E+02		LCA	PUMP	Theis	M	2.10E+02	1.18E+00	IT files	0100
32	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	1.19E+00	2.12E+02		LCA	pump	Theis	M	2.12E+02	1.19E+00	IT files	0100
33	27	Army #1 Water Well	4049799.34	586119.43	3	961.00	414.63	592.99	178.35	2.33E+00	4.16E+02		LCA	rec	Cooper - Jacob	M	4.16E+02	2.33E+00	IT files	0100
34		Bacon Flat 1	4258048.12	622749.24	5		1620.01	1629.46	9.45	4.13E-02	3.90E-01		LCA	DST	Horner	L	3.90E-01	4.13E-02	4923	1020
35		Bacon Flat 5	4258242.34	623352.30	5		1705.36	1766.32	60.96	9.45E-05	5.76E-03		LCA	DST	Horner	L	5.76E-03	9.45E-05	4923	1020
36	121	CE-DT-4	4074032.58	688084.81	4	662.50	15.24	203.96	188.72	9.85E+01	1.86E+04		LCA	PUMP	Cooper - Jacob	L	1.86E+04	9.85E+01	2726	3143
37	120	CE-DT-5	4073972.59	688160.53	4	661.28	106.71	191.46	84.76	2.74E+02	2.32E+04		LCA	PUMP	Cooper - Jacob	L	2.32E+04	2.74E+02	2726	3143
38	120	CE-DT-5	4073972.59	688160.53	4	661.28	106.71	191.46	84.76	3.15E+02	2.67E+04	7.31E+02	LCA	PUMP	Cooper - Jacob	H	2.67E+04	3.15E+02	IT files	3143
39	120	CE-DT-5	4073972.59	688160.53	4	661.28	106.71	191.46	84.76	1.57E+03	1.33E+05		LCA	PUMP	Cooper - Jacob	M	1.33E+05	1.57E+03	IT files	3143
40	120	CE-DT-5	4073972.59	688160.53	4	661.28	106.71	191.46	84.76	3.09E+02	2.62E+04		LCA	PUMP	Theis	H	2.62E+04	3.09E+02	IT files	3143
41	118	CE-DT-6	4071193.18	697525.01	4	693.60	139.33	284.76	145.43	8.31E+00	1.21E+03		LCA	PUMP	Cooper - Jacob	L	1.21E+03	8.31E+00	2726	3143
42	118	CE-DT-6	4071193.18	697525.01	4	693.60	139.33	284.76	145.43	1.21E+01	1.77E+03		LCA	PUMP	Cooper - Jacob	L	1.77E+03	1.21E+01	IT files	3143
43	118	CE-DT-6	4071193.18	697525.01	4	693.60	139.33	284.76	145.43	5.11E+00	7.44E+02		LCA	PUMP	Cooper - Jacob	L	7.44E+02	5.11E+00	IT files	3143
44	118	CE-DT-6	4071193.18	697525.01	4	693.60	139.33	284.76	145.43	1.18E+01	1.72E+03		LCA	PUMP	Theis	L	1.72E+03	1.18E+01	IT files	3143
45	118	CE-DT-6	4071193.18	697525.01	4	693.60	139.33	284.76	145.43	5.75E+00	8.37E+02		LCA	PUMP	Theis	L	8.37E+02	5.75E+00	IT files	3143
46	123	CE-VF-2	4082713.11	684598.38	4	752.13	184.15	372.26	188.11	1.48E+00	2.79E+02	9.54E-01	LCA	PUMP	Cooper - Jacob	M	2.79E+02	1.48E+00	2726	3143
47	123	CE-VF-2	4082713.11	684598.38	4	752.13	184.15	372.26	188.11	1.73E-01	3.25E+01		LCA	PUMP	Cooper - Jacob	L	3.25E+01	1.73E-01	IT files	3143
48	123	CE-VF-2	4082713.11	684598.38	4	752.13	184.15	372.26	188.11	1.48E+00	2.79E+02		LCA	PUMP	Cooper - Jacob	M	2.79E+02	1.48E+00	IT files	3143
49	123	CE-VF-2	4082713.11	684598.38	4	752.13	184.15	372.26	188.11	1.48E-01	2.79E+01		LCA	PUMP	Theis	L	2.79E+01	1.48E-01	IT files	3143
50	123	CE-VF-2	4082713.11	684598.38	4	752.13	184.15	372.26	188.11	1.48E+00	2.79E+02		LCA	PUMP	Theis	M	2.79E+02	1.48E+00	IT files	3143
51	127	CL-VF-T-1A	4186329.94	644920.07	5	1562.50	338.72	400.91	62.20	4.78E+00	2.97E+02	6.58E+00	AA	PUMP	Theis	M	2.97E+02	4.78E+00	3218	
52	127	CL-VF-T-1A	4186329.94	644920.07	5	1562.50	338.72	400.91	62.20	5.53E+00	3.44E+02		AA	pump	Neuman	M	3.44E+02	5.53E+00	3218	
53	127	CL-VF-T-1A	4186329.94	644920.07	5	1562.50	338.72	400.91	62.20	5.53E+00	3.44E+02		AA	pump	Neuman	M	3.44E+02	5.53E+00	3218	
54	127	CL-VF-T-1A	4186329.94	644920.07	5	1562.50	338.72	400.91	62.20	1.05E+01	6.51E+02		AA	pump	Theis	M	6.51E+02	1.05E+01	3218	
55	122	Coyote Springs Val	4074122.86	687983.63	5	661.59	106.71	191.46	84.76	2.74E+02	2.32E+04	1.49E+02	LCA	pump		M	2.32E+04	2.74E+02	3218	
56	122	Coyote Springs Val	4074122.86	687983.63	5	664.63	107.62	203.96	96.34	3.86E+01	3.72E+03		LCA	pump		M	3.72E+03	3.86E+01	3218	
57	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	5.61E+00	1.49E+02	3.46E+00	LCA	PUMP	Cooper - Jacob	M	1.49E+02	5.61E+00	2726	3143
58	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	8.82E-01	2.34E+01		LCA	PUMP	Cooper - Jacob	L	2.34E+01	8.82E-01	IT files	3143
59	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	5.33E+00	1.41E+02		LCA	PUMP	Cooper - Jacob	M	1.41E+02	5.33E+00	IT files	3143
60	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	8.19E-01	2.17E+01		LCA	PUMP	Theis	L	2.17E+01	8.19E-01	IT files	3143
61	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	4.69E+00	1.24E+02		LCA	PUMP	Theis	M	1.24E+02	4.69E+00	IT files	3143
62	119	CSV-2	4072746.49	703268.86	4	666.46	119.21	145.73	26.52	4.20E-01	1.11E+01		LCA	PUMP	Theis Recovery	L	1.11E+01	4.20E-01	IT files	3143
63		CV-DT-1	4221633.21	644953.29	5		244.75	559.92	315.16	1.03E-01	3.25E+01		LCA	pump	specific capacity	L	3.25E+01	1.03E-01	4923	
64		DL-DT-3	4217903.14	684597.04	5		259.99	730.00	470.00	3.36E+00	1.58E+03		LCA	pump	specific capacity	L	1.58E+03	3.36E+00	4923	
65	126	DM-TW-2	4146011.67	688452.99	5	1435.98	280.49	353.66	73.17	1.40E+00	1.02E+02	1.52E+00	AA	pump	Cooper - Jacob	M	1.02E+02	1.40E+00	3218	
66	126	DM-TW-2	4146011.67	688452.99	5	1435.98	280.49	353.66	73.17	1.65E+00	1.21E+02		AA	pump	Theis	M	1.21E+02	1.65E+00	3218	
67		Dobbin Creek Fed A1-6	4315961.48	533461.88	5		975.36	1229.56	254.20	2.52E-03	6.41E-01		LCA	DST	Horner	L	6.41E-01	2.52E-03	4923	1020

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
68		DOC Fereral 5-18	4238854.06	601489.88	5		1728.52	1744.98	16.46	4.74E-01	7.80E+00		LCA	DST	Horner	L	7.80E+00	4.74E-01	4923	1020
69	114	DR-1	4046912.86	642194.31	4	1091.16	265.24	283.54	18.29	1.07E+00	1.95E+01		LCA	pump	Theis Recovery	L	1.95E+01	1.07E+00	IT files	3142
70	114	DR-1	4046912.86	642194.31	4	1091.16	265.24	283.54	18.29	4.07E-01	7.43E+00		LCA	pump	Theis Recovery	L	7.44E+00	4.07E-01	IT files	3142
71	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	2.08E+01	1.97E+03	1.44E+01	LCA	Pump	Cooper - Jacob	M	1.97E+03	2.08E+01	IT files	USGS files
72	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	5.72E+00	5.41E+02		LCA	Pump	Cooper - Jacob	M	5.41E+02	5.72E+00	IT files	USGS files
73	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	1.15E+00	1.09E+02		LCA	Pump	Cooper - Jacob	L	1.09E+02	1.15E+00	IT files	USGS files
74	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	1.36E+01	1.29E+03		LCA	Pump	Theis	M	1.29E+03	1.36E+01	IT files	USGS files
75	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	7.90E-01	7.46E+01		LCA	Pump	Theis	L	7.46E+01	7.90E-01	IT files	USGS files
76	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	5.47E+01	5.17E+03		LCA	rec	Cooper - Jacob	M	5.17E+03	5.47E+01	IT files	USGS files
77	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	4.27E+00	4.04E+02		LCA	rec	Cooper - Jacob	M	4.04E+02	4.27E+00	IT files	USGS files
78	60	ER-6-1	4093417.31	589617.46	2	1201.22	554.57	649.09	94.51	3.04E+00	2.87E+02		LCA	rec	Cooper - Jacob	L	2.87E+02	3.04E+00	IT files	USGS files
79	122	Garden Valley	4074122.86	687983.63	5	1562.81	244.82	560.06	315.24	1.18E-01	3.72E+01	1.18E-01	LCA	pump		M	3.72E+01	1.18E-01	3218	
80	128	GN-IO-1	4209242.09	626637.36	5	1699.70	250.00	308.23	58.23	1.92E+01	1.12E+03	2.00E+01	AA	pump	Neuman	M	1.12E+03	1.92E+01	3218	
81	128	GN-IO-1	4209242.09	626637.36	5	1699.70	250.00	308.23	58.23	2.08E+01	1.21E+03		AA	pump	Theis	M	1.21E+03	2.08E+01	3218	
82	128	GN-IT-2	4209242.09	626637.36	5	1699.70	182.93	295.73	112.80	2.64E+00	2.97E+02	6.67E+00	AA	pump	Cooper - Jacob	M	2.97E+02	2.64E+00	3218	
83	128	GN-IT-2	4209242.09	626637.36	5	1699.70	182.93	295.73	112.80	1.07E+01	1.21E+03		AA	pump	Theis	M	1.21E+03	1.07E+01	3218	
84		Grant Canyon 1	4257083.35	624170.17	5		1322.83	1353.62	30.78	2.57E-02	7.91E-01		LCA	DST	Horner	L	7.90E-01	2.57E-02	4923	1020
85		Grant Canyon 3	4257884.77	624157.79	5		1199.08	1207.31	8.23	1.69E-01	1.39E+00		LCA	DST	Horner	L	1.39E+00	1.69E-01	4923	1020
86		Grant Canyon 4	4257490.06	624551.78	5		1229.56	1237.79	8.23	5.76E+00	4.74E+01		LCA	DST	Horner	L	4.74E+01	5.76E+00	4923	1020
87		Grant Canyon 5	4256955.56	623881.20	5		1386.23	1416.71	30.48	1.40E+00	4.27E+01		LCA	DST	Horner	L	4.27E+01	1.40E+00	4923	1020
88	131	HC-S-O-2	4244872.46	558737.93	5	1679.27	86.59	132.01	45.43	3.27E+00	1.49E+02	8.79E+00	AA	pump	Neuman	M	1.49E+02	3.27E+00	3218	
89	131	HC-S-O-2	4244872.46	558737.93	5	1679.27	86.59	132.01	45.43	1.86E+01	8.46E+02		AA	pump	Theis	M	8.46E+02	1.86E+01	3218	
90	131	HC-S-T-2	4244872.46	558737.93	5	1683.54	99.09	147.87	48.78	4.76E+00	2.32E+02		AA	pump	Theis	M	2.32E+02	4.76E+00	3218	
91	132	HC-SO-1	4259377.73	568784.61	5	1715.24	67.07	140.24	73.17	2.41E+01	1.77E+03	1.80E+01	AA	pump	Neuman	M	1.77E+03	2.41E+01	3218	
92	132	HC-ST-1	4259377.73	568784.61	5	1708.23	73.17	140.24	67.07	1.12E+01	7.53E+02		AA	pump	Theis	M	7.53E+02	1.12E+01	3218	
93	11	HTH-1	4275397.78	568542.74	4	1832.00	213.00	259.00	46.00	3.51E-01	1.62E+01	8.89E-02	AA	SWAB	Cooper/Bredehoeft/I	M	1.62E+01	3.51E-01	1485	2729/190
94	11	HTH-1	4275397.78	568542.74	4	1832.00	290.00	351.00	61.00	5.09E-02	3.11E+00		AA	SWAB	Cooper/Bredehoeft/I	M	3.11E+00	5.09E-02	1485	2729/190
95	11	HTH-1	4275397.78	568542.74	4	1832.00	427.00	457.00	30.00	1.99E-02	5.96E-01		AA	SWAB	Cooper/Bredehoeft/I	M	5.96E-01	1.99E-02	1485	2729/190
96	11	HTH-1	4275397.78	568542.74	4	1832.00	506.00	524.00	18.00	4.07E-03	7.33E-02		AA	SWAB	Cooper/Bredehoeft/I	M	7.33E-02	4.07E-03	1485	2729/190
97	11	HTH-1	4275397.78	568542.74	4	1832.00	564.00	604.00	40.00	2.05E-03	8.20E-02		AA	SWAB	Cooper/Bredehoeft/I	M	8.20E-02	2.05E-03	1485	2729/190
98	11	HTH-1	4275397.78	568542.74	4	1832.00	671.00	701.00	30.00	6.21E-05	1.86E-03		AA	SWAB	Cooper/Bredehoeft/I	M	1.86E-03	6.21E-05	1485	2729/190
99	11	HTH-1	4275397.78	568542.74	4	1832.62	168.60	350.61	182.01	5.60E-01	1.02E+02	5.60E-01	LCA	PUMP	Leaky-artesian	M	1.02E+02	5.60E-01	0190	1485
100	11	HTH-1	4275397.78	568542.74	4	1832.00	805.00	826.00	21.00	5.68E-02	1.19E+00	1.55E-01	TS	SWAB	Cooper/Bredehoeft/I	M	1.19E+00	5.68E-02	1485	2729/190
101	11	HTH-1	4275397.78	568542.74	4	1832.00	899.00	917.00	18.00	2.69E-01	4.85E+00		TS	SWAB	Cooper/Bredehoeft/I	M	4.85E+00	2.69E-01	1485	2729/190
102	11	HTH-1	4275397.78	568542.74	4	1832.00	731.00	750.00	19.00	1.77E-02	3.35E-01	1.77E-02	VU	SWAB	Cooper/Bredehoeft/I	M	3.35E-01	1.77E-02	1485	2729/190
103	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1109.00	1167.00	58.00	2.98E-01	1.73E+01		VU	SWAB	Cooper/Bredehoeft/I	L	1.73E+01	2.98E-01	1485	2668
104	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1358.00	1416.00	58.00	3.98E-01	2.31E+01		VU	SWAB	Cooper/Bredehoeft/I	L	2.31E+01	3.98E-01	1485	2668
105	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1418.00	1468.00	50.00	2.76E-01	1.38E+01		VU	SWAB	Cooper/Bredehoeft/I	L	1.38E+01	2.76E-01	1485	2668
106	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1471.00	1528.00	57.00	1.21E-02	6.91E-01	1.21E-02	VU	SWAB	Cooper/Bredehoeft/I	M	6.91E-01	1.21E-02	1485	2668
107	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1535.00	1593.00	58.00	3.98E-01	2.31E+01		VU	SWAB	Cooper/Bredehoeft/I	L	2.31E+01	3.98E-01	1485	2668
108	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1608.00	1699.00	91.00	1.50E-07	1.37E-05		VU	SWAB	Cooper/Bredehoeft/I	L	1.37E-05	1.50E-07	1485	2668
109	9	HTH-21-1	4271115.80	580377.29	4	1787.00	1703.00	1760.00	57.00	1.22E-05	6.95E-04		VU	SWAB	Cooper/Bredehoeft/I	L	6.96E-04	1.22E-05	1485	2668
110	9	HTH-21-1	4271115.80	580377.29	4	1787.00	695.00	707.00	12.00	1.93E+00	2.31E+01		VU	SWAB	Cooper/Bredehoeft/I	L	2.31E+01	1.93E+00	1485	2668
111	9	HTH-21-1	4271115.80	580377.29	4	1787.00	710.00	749.00	39.00	5.93E-01	2.31E+01		VU	SWAB	Cooper/Bredehoeft/I	L	2.31E+01	5.93E-01	1485	2668
112	9	HTH-21-1	4271115.80	580377.29	4	1787.00	695.00	707.00	12.00	2.39E-02	2.87E-01		VU	INJ	Cooper/Bredehoeft/I	L	2.87E-01	2.39E-02	2668	1485
113	3	HTH-23	4262246.59	585203.09	4	1766.00	1413.00	1486.00	73.00	3.97E-03	2.90E-01		VU	INJ	Cooper/Bredehoeft/I	L	2.90E-01	3.97E-03	2728	1485
114	3	HTH-23	4262246.59	585203.09	4	1766.00	1489.00	1562.00	73.00	3.29E-04	2.40E-02		VU	INJ	Cooper/Bredehoeft/I	L	2.40E-02	3.29E-04	2728	1485
115	3	HTH-23	4262246.59	585203.09	4	1766.00	1550.00	1598.00	48.00	1.90E-02	9.10E-01	1.83E-02	VU	INJ	Cooper/Bredehoeft/I	M	9.10E-01	1.90E-02	2728	1485
116	3	HTH-23	4262246.59	585203.09	4	1766.00	1596.00	1669.00	73.00	8.36E-04	6.10E-02		VU	INJ	Cooper/Bredehoeft/I	M	6.10E-02	8.36E-04	2728	1485
117	3	HTH-23	4262246.59	585203.09	4	1766.00	1671.00	1719.00	48.00	1.00E-01	4.80E+00		VU	INJ	Cooper/Bredehoeft/I	L	4.80E+00	1.00E-01	2728	1485
118	3	HTH-23	4262246.59	585203.09	4	1766.00	1722.00	1795.00	73.00	1.37E-05	1.00E-03		VU	INJ	Cooper/Bredehoeft/I	M	1.00E-03	1.37E-05	2728	1485
119	3	HTH-23	4262246.59	585203.09	4	1766.00	1777.00	1850.00	73.00	8.49E-06	6.20E-04		VU	INJ	Cooper/Bredehoeft/I	M	6.20E-04	8.49E-06	2728	1485
120	3	HTH-23	4262246.59	585203.09	4	1766.00	1853.00	1899.00	46.00	1.26E-01	5.80E+00		VU	INJ	Cooper/Bredehoeft/I	L	5.80E+00	1.26E-01	2728	1485
121	3	HTH-23	4262246.59	585203.09	4	1766.00	1911.00	1944.00	33.00	1.45E-01	4.80E+00		VU	INJ	Cooper/Bredehoeft/I	L	4.80E+00	1.45E-01	2728	1485
122	6	HTH-3	4267658.04	576919.94	4	1803.00	1056.00	1114.00	58.00	2.07E-01	1.20E+01		VU	INJ	Cooper/Bredehoeft/I	L	1.20E+01	2.07E-01	2723	1485
123	6	HTH-3	4267658.04	576919.94	4	1803.00	1119.00	1171.00	52.00	2.31E-01	1.20E+01		VU	INJ	Cooper/Bredehoeft/I	L	1.20E+01	2.31E-01	2723	1485
124	6	HTH-3	4267658.04	576919.94	4	1803.00	1432.00	1526.00	94.00	1.03E-02	9.70E-01		VU	INJ	Cooper/Bredehoeft/I	L	9.70E-01	1.03E-02	2723	1485
125	6	HTH-3	4267658.04	576919.94	4	1803.00	1570.00	1667.00	97.00	2.47E-02	2.40E+00		VU	INJ	Cooper/Bredehoeft/I	L	2.40E+00	2.47E-02	2723	1485
126	6	HTH-3	4267658.04	576919.94	4	1803.00	1673.00	1771.00	98.00	2.96E-02	2.90E+00		VU	INJ	Cooper/Bredehoeft/I	L	2.90E+00	2.96E-02	2723	1485
127	5	HTH-4	4265713.88	584897.68	4	1776.00	1347.00	1356.00	9.00	8.11E-04	7.30E-03		VU	INJ	Cooper/Bredehoeft/I	L	7.30E-03	8.11E-04	2721	1485
128	5	HTH-4	4265713.88	584897.68	4	1776.00	265.00	271.00	6.00	1.22E-01	7.30E-01		VU	INJ	Cooper/Bredehoeft/I	L	7.30E-01	1.22E-01	2721	1485
129	5	HTH-4	4265713.88	584897.68	4	1776.00	616.00	625.00	9.00	8.11E-01	7.30E+00		VU	INJ	Cooper/Bredehoeft/I	L	7.30E+00	8.11E-01	2721	1485
130	32	J-11	4071072.83	563798.81	3	1050.31	316.77	396.34	79.57	4.37E+00	3.48E+02	4.37E+00	WTA	PUMP	Cooper - Jacob	M	3.48E+02	4.37E+00	0100	0183
131	30	J-12 Water Well	4068767.00	554435.17	4	954.27	225.91	270.43	44.51	2.79E+01	1.24E+03		WTA	REC		L	1.24E+03	2.79E+01	0100	
132	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	471.00	502.00	31.00	1.45E-01	4.50E+00		WTA	INJ		L	4.50E+00	1.45E-01	0009	
133	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	501.00	562.00	61.00	1.28E-02	7.80E-01		WTA	INJ		L	7.80E-01	1.28E-02	0009	
134	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	505.00	566.00	61.00	5.57E-03	3.40E-01		WTA	INJ		L	3.40E-01	5.57E-03	0009	

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
135	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	585.00	646.00	61.00	9.02E-03	5.50E-01		WTA	INJ		L	5.50E-01	9.02E-03	0009	
136	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	640.00	670.00	30.00	2.93E-03	8.80E-02		WTA	INJ		L	8.80E-02	2.93E-03	0009	
137	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	669.00	699.00	30.00	1.60E-02	4.80E-01		WTA	INJ		L	4.80E-01	1.60E-02	0009	
138	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	719.00	750.00	31.00	3.23E-03	1.00E-01		WTA	INJ		L	1.00E-01	3.23E-03	0009	
139	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	773.00	803.00	30.00	5.67E-03	1.70E-01		WTA	INJ		L	1.70E-01	5.67E-03	0009	
140	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	304.00	1010.00	706.00	1.70E-01	1.20E+02	6.14E-01	WTA	PUMP	Stallman's Method	M	1.20E+02	1.70E-01	0009	
141	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	304.00	423.00	119.00	9.00E-01	1.07E+02		WTA	PUMP	Cooper - Jacob	M	1.10E+02	9.00E-01	0009	
142	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	304.00	423.00	119.00	1.76E+00	2.10E+02		WTA	PUMP	Cooper - Jacob	M	2.10E+02	1.76E+00	0009	
143	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	307.00	1010.00	703.00	1.99E-01	1.40E+02		WTA	PUMP	Stallman's Method	M	1.40E+02	1.99E-01	0009	
144	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	471.00	502.00	31.00	5.81E-02	1.80E+00		WTA	SWAB		L	1.80E+00	5.81E-02	0009	
145	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	471.00	613.00	142.00	1.34E-02	1.90E+00		WTA	SWAB		L	1.90E+00	1.34E-02	0009	
146	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	471.00	661.00	190.00	1.53E-02	2.90E+00		WTA	SWAB		L	2.90E+00	1.53E-02	0009	
147	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	471.00	913.00	442.00	8.82E-03	3.90E+00		WTA	SWAB		L	3.90E+00	8.82E-03	0009	
148	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	501.00	562.00	61.00	2.62E-02	1.60E+00		WTA	SWAB		L	1.60E+00	2.62E-02	0009	
149	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	505.00	566.00	61.00	6.07E-03	3.70E-01		WTA	SWAB		M	3.70E-01	6.07E-03	0009	
150	37	J-13 Water Well	4073549.59	554004.09	3	1011.00	820.00	1063.00	243.00	2.59E-03	6.30E-01		WTA	SWAB		L	6.30E-01	2.59E-03	0009	
151	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	164.00	164.00		3.00E-07	0.00E+00		WTA		Laboratory	L		3.00E-07	0009	
152	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	206.00	206.00		4.00E-03	0.00E+00		WTA		Laboratory	L		4.00E-03	0009	
153	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	207.00	207.00		2.00E-06	0.00E+00		WTA		Laboratory	L		2.00E-06	0009	
154	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	244.00	244.00		3.00E-06	0.00E+00		WTA		Laboratory	L		3.00E-06	0009	
155	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	335.00	335.00		2.00E-04	0.00E+00		WTA		Laboratory	L		2.00E-04	0009	
156	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	364.00	364.00		8.00E-06	0.00E+00		WTA		Laboratory	L		8.00E-06	0009	
157	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	409.00	409.00		8.00E-07	0.00E+00		WTA		Laboratory	L		8.00E-07	0009	
158	37	J-13 Water Well	4073549.59	554004.09	5	1011.00	432.00	432.00		3.00E-07	0.00E+00		WTA		Laboratory	L		3.00E-07	0009	
159	37	J-13 Water Well	4073549.59	554004.09	3	1011.59	282.93	449.70	166.77	5.07E+00	8.45E+02		WTA	PUMP	Cooper - Jacob	H	8.45E+02	5.07E+00	0100	
160	37	J-13 Water Well	4073549.59	554004.09	3	1011.59	303.66	1032.01	728.35	1.16E+00	8.45E+02		WTA	PUMP	Cooper - Jacob	H	8.45E+02	1.16E+00	0183	
161		Lone Tree 1-14-43	4248467.47	619157.87	5		1332.59	1350.26	17.68	3.26E-02	5.76E-01		LCA	DST	Horner	L	5.76E-01	3.26E-02	4923	1020
162		Pad Shaft	4373164.04	587288.78	4		312.42	751.33	438.91	6.77E-01	2.97E+02		LCA	pump	specific capacity	L	2.97E+02	6.77E-01	4923	
163		Pad Shaft	4373164.04	587288.78	4		312.42	751.33	438.91	4.66E-01	2.05E+02	5.29E-01	LCA	pump	drawdown	M	2.04E+02	4.66E-01	4923	
164		Pad Shaft	4373164.04	587288.78	4		312.42	751.33	438.91	4.45E-01	1.95E+02		LCA	pump	recovery	M	1.95E+02	4.45E-01	4923	
165		Pad Shaft	4373164.04	587288.78	4		312.42	751.33	438.91	6.77E-01	2.97E+02		LCA	pump	drawdown/recovery	M	2.97E+02	6.77E-01	4923	
166		PM - 3			4	1775.24	443.90	920.43	476.52	7.80E-02	3.72E+01		TCTC	pump	Cooper - Jacob	L	3.72E+01	7.80E-02	IT files	USGS files
167		PM - 3			4	1775.24	443.90	533.54	89.63	1.45E-01	1.30E+01		TPTC	pump	Cooper - Jacob	L	1.30E+01	1.45E-01	IT files	USGS files
168		PM - 3			4	1775.24	551.83	564.02	12.20	7.24E-01	8.83E+00		TPTC	pump	Cooper - Jacob	L	8.83E+00	7.24E-01	IT files	USGS files
169		PM - 3			4	1775.24	602.13	640.24	38.11	3.90E-01	1.49E+01		TPTC	pump	Cooper - Jacob	L	1.49E+01	3.90E-01	IT files	USGS files
170	129	RE-VF-O1	4217805.60	558106.40	5	1631.10	92.68	123.48	30.79	1.51E+01	4.65E+02	2.76E+01	AA	pump	Neuman	M	4.65E+02	1.51E+01	3218	
171	129	RE-VF-O1	4217805.60	558106.40	5	1631.10	92.68	123.48	30.79	1.51E+01	4.65E+02		AA	pump	Neuman	M	4.65E+02	1.51E+01	3218	
172	129	RE-VF-O1	4217805.60	558106.40	5	1631.10	92.68	123.48	30.79	4.80E+01	1.48E+03		AA	pump	Theis	M	1.48E+03	4.80E+01	3218	
173	129	RE-VF-O1	4217805.60	558106.40	5	1631.10	201.22	214.02	12.80	7.26E+01	9.29E+02		AA	pump	Neuman	M	9.30E+02	7.26E+01	3218	
174	129	RE-VF-O1	4217805.60	558106.40	5	1631.10	201.22	214.02	12.80	8.28E+01	1.06E+03		AA	pump	Theis	M	1.06E+03	8.28E+01	3218	
175	129	RE-VF-T1	4217805.60	558106.40	5	1672.26	121.34	200.61	79.27	1.31E+01	1.04E+03		AA	pump	Theis	M	1.04E+03	1.31E+01	3218	
176	130	RR-S-O-1	4222801.83	580196.29	5	1526.83	99.09	150.91	51.83	1.97E+01	1.02E+03	2.51E+01	AA	pump	Neuman	M	1.02E+03	1.97E+01	3218	
177	130	RR-S-O-1	4222801.83	580196.29	5	1526.83	99.09	150.91	51.83	3.05E+01	1.58E+03		AA	pump	Theis	M	1.58E+03	3.05E+01	3218	
178	133	RR-S-O-2	4287551.84	632224.14	5	1562.81	93.90	176.22	82.32	8.92E+00	7.34E+02	1.58E+01	AA	pump	Neuman	M	7.34E+02	8.92E+00	3218	
179	133	RR-S-O-2	4287551.84	632224.14	5	1562.81	93.90	176.22	82.32	2.26E+01	1.86E+03		AA	pump	Theis	M	1.86E+03	2.26E+01	3218	
180	130	RR-S-T-1	4222801.83	580196.29	5	1526.22	92.07	135.37	43.29	3.65E+01	1.58E+03	3.65E+01	AA	pump	Theis	M	1.58E+03	3.65E+01	3218	
181	133	RR-S-T-2	4287551.84	632224.14	5	1563.42	84.76	170.73	85.98	3.35E+01	2.88E+03	3.35E+01	AA	pump	Theis	M	2.88E+03	3.35E+01	3218	
182	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	8.12E+01	3.44E+03		LCA		Cooper - Jacob	L	3.44E+03	8.12E+01	2726	3142
183	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	1.07E+02	4.55E+03		LCA		Cooper - Jacob	L	4.55E+03	1.07E+02	IT files	3142
184	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	2.85E+00	1.21E+02		LCA		Cooper - Jacob	L	1.21E+02	2.85E+00	IT files	3142
185	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	1.21E+02	5.11E+03		LCA		Theis	L	5.11E+03	1.21E+02	IT files	3142
186	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	2.85E+00	1.21E+02		LCA		Theis	L	1.21E+02	2.85E+00	IT files	3142
187	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	1.21E+02	5.11E+03		LCA		Theis Recovery	L	5.11E+03	1.21E+02	IT files	3142
188	112	SBH-1	4044462.89	643155.15	4	1059.45	177.13	219.51	42.38	3.73E+00	1.58E+02		LCA		Theis Recovery	L	1.58E+02	3.73E+00	IT files	3142
189		SV-DT-2	4310179.93	686967.28	4		152.40	745.85	593.45	2.97E-02	1.76E+01		LCA	pump	specific capacity	L	1.77E+01	2.97E-02	4923	
190		SV-DT-2	4310179.93	686967.28	4		152.40	745.85	593.45	2.04E-02	1.21E+01	5.17E-02	LCA	pump	drawdown	M	1.21E+01	2.04E-02	4923	
191		SV-DT-2	4310179.93	686967.28	4		152.40	745.85	593.45	8.30E-02	4.93E+01		LCA	pump	recovery	M	4.92E+01	8.30E-02	4923	
192	38	TEST WELL 3	4074015.30	601931.36	3	1060.06	336.28	564.94	228.66	2.05E-01	4.68E+01	1.39E-01.	LCA	pump	Cooper - Jacob	H	4.68E+01	2.05E-01	IT files	0100
193	38	TEST WELL 3	4074015.30	601931.36	3	1060.06	336.28	564.94	228.66	1.14E-02	2.60E+00		LCA	pump	Cooper - Jacob	L	2.60E+00	1.14E-02	IT files	0100
194	38	TEST WELL 3	4074015.30	601931.36	3	1060.06	336.28	564.94	228.66	2.02E-01	4.61E+01		LCA	pump	Theis	H	4.61E+01	2.02E-01	IT files	0100
195	38	TEST WELL 3	4074015.30	601931.36	3	1060.06	336.28	564.94	228.66	9.18E-03	2.10E+00		LCA	pump	Theis	L	2.10E+00	9.18E-03	IT files	0100
196	87	U-20a #2 Water Well	4121742.49	551332.89	3	1973.00	629.88	1371.95	742.07	3.01E-01	2.24E+02	3.01E-01	TPTC, TCTC	PUMP	Cooper - Jacob	H	2.24E+02	3.01E-01	0018	0092
197	65	U-3cn #5	4101713.19	586921.42	3	1223.17	860.06	922.56	62.50	4.77E-01	2.98E+01	2.88E-01	LCA	PUMP	Cooper - Jacob	M	2.98E+01	4.77E-01	0100	
198	65	U-3cn #5	4101713.19	586921.42	3	1223.17	860.06	922.56	62.50	1.39E-01	8.70E+00		LCA	REC		L	8.70E+00	1.39E-01	0100	
199	65	U-3cn #5	4101713.19	586921.42	3	1223.17	863.41	923.17	59.76	3.56E-02	2.12E+00		LCA	PUMP	Cooper - Jacob	L	2.12E+00	3.56E-02	IT files	0100
200	65	U-3cn #5	4101713.19	586921.42	3	1223.17	863.41	923.17	59.76	4.99E-01	2.98E+01		LCA	PUMP	Cooper - Jacob	M	2.98E+01	4.99E-01	IT files	0100
201	65	U-3cn #5	4101713.19	586921.42	3	1223.17	863.41	923.17	59.76	2.22E-02	1.33E+00		LCA	rec	Cooper - Jacob	L	1.33E+00	2.22E-02	IT files	0100

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
202	13 UCe-17		4281240.26	568049.79	4	1995.00	1368.00	1429.00	61.00	2.15E-03	1.31E-01		VU	INJ	Cooper/Bredehoeft/I	L	1.31E-01	2.15E-03	2729	1485/0190
203	13 UCe-17		4281240.26	568049.79	4	1995.00	1409.00	1470.00	61.00	1.44E-01	8.76E+00		VU	INJ	Cooper/Bredehoeft/I	L	8.76E+00	1.44E-01	2729	1485/0190
204	13 UCe-17		4281240.26	568049.79	4	1995.00	1598.00	1659.00	61.00	4.31E-05	2.63E-03		VU	INJ	Cooper/Bredehoeft/I	L	2.63E-03	4.31E-05	2729	1485/0190
205	13 UCe-17		4281240.26	568049.79	4	1995.00	1869.00	1930.00	61.00	4.31E-05	2.63E-03	3.78E-04	VU	INJ	Cooper/Bredehoeft/I	M	2.63E-03	4.31E-05	2729	1485/0190
206	13 UCe-17		4281240.26	568049.79	4	1995.00	1960.00	2021.00	61.00	1.39E-05	8.48E-04		VU	INJ	Cooper/Bredehoeft/I	L	8.47E-04	1.39E-05	2729	1485/0190
207	13 UCe-17		4281240.26	568049.79	4	1995.00	1960.00	2021.00	61.00	1.39E-05	8.48E-04		VU	INJ	Cooper/Bredehoeft/I	L	8.47E-04	1.39E-05	2729	1485/0190
208	13 UCe-17		4281240.26	568049.79	4	1995.00	2056.00	2117.00	61.00	1.08E-03	6.57E-02		VU	INJ	Cooper/Bredehoeft/I	M	6.57E-02	1.08E-03	2729	1485/0190
209	13 UCe-17		4281240.26	568049.79	4	1995.00	2056.00	2117.00	61.00	1.08E-03	6.57E-02		VU	INJ	Cooper/Bredehoeft/I	M	6.57E-02	1.08E-03	2729	1485/0190
210	13 UCe-17		4281240.26	568049.79	4	1995.00	2149.00	2210.00	61.00	3.92E-04	2.39E-02		VU	INJ	Cooper/Bredehoeft/I	M	2.39E-02	3.92E-04	2729	1485/0190
211	13 UCe-17		4281240.26	568049.79	4	1995.00	2213.00	2274.00	61.00	2.87E-05	1.75E-03		VU	INJ	Cooper/Bredehoeft/I	M	1.75E-03	2.87E-05	2729	1485/0190
212	13 UCe-17		4281240.26	568049.79	4	1995.00	957.00	1018.00	61.00	4.31E-02	2.63E+00		VU	INJ	Cooper/Bredehoeft/I	L	2.63E+00	4.31E-02	2729	1485/0190
213	8 UCe-18		4270952.61	570423.78	4	1756.00	1237.00	1277.00	40.00	9.32E-05	3.73E-03		AA	SWAB		L	3.73E-03	9.32E-05	1485	
214	8 UCe-18		4270952.61	570423.78	4	1757.00	1238.00	1277.00	39.00	8.21E-03	3.20E-01		AA	INJ	Cooper/Bredehoeft/I	L	3.20E-01	8.21E-03	2729	1485/0190
215	10 UCe-20		4271868.87	568059.77	4	1756.00	213.00	220.00	7.00	1.43E-03	1.00E-02		AA	INJ	Cooper/Bredehoeft/I	L	1.00E-02	1.43E-03	2729	1485/0190
216	10 UCe-20		4271868.87	568059.77	4	1756.00	671.00	677.00	6.00	1.04E-04	6.24E-04		AA	INJ	Cooper/Bredehoeft/I	L	6.25E-04	1.04E-04	2729	1485/0190
217	10 UCe-20		4271868.87	568059.77	4	1756.00	1238.00	1277.00	39.00	1.03E-04	4.02E-03		VU	INJ	Cooper/Bredehoeft/I	L	4.00E-03	1.03E-04	2729	1485/0190
218	10 UCe-20		4271868.87	568059.77	4	1756.00	1481.00	1502.00	21.00	1.18E-05	2.48E-04		VU	INJ	Cooper/Bredehoeft/I	L	2.48E-04	1.18E-05	2729	1485/0190
219	10 UCe-20		4271868.87	568059.77	4	1756.00	1481.00	1618.00	137.00	9.85E-04	1.35E-01		VU	INJ	Cooper/Bredehoeft/I	L	1.35E-01	9.85E-04	2729	1485/0190
220	10 UCe-20		4271868.87	568059.77	4	1756.00	1481.00	1618.00	137.00	9.85E-04	1.35E-01		VU	INJ	Cooper/Bredehoeft/I	L	1.35E-01	9.85E-04	2729	1485/0190
221	10 UCe-20		4271868.87	568059.77	4	1756.00	1502.00	1538.00	36.00	1.22E-04	4.39E-03		VU	INJ	Cooper/Bredehoeft/I	L	4.38E-03	1.22E-04	2729	1485/0190
222	10 UCe-20		4271868.87	568059.77	4	1756.00	1521.00	1540.00	19.00	1.15E-04	2.19E-03		VU	INJ	Cooper/Bredehoeft/I	L	2.19E-03	1.15E-04	2729	1485/0190
223	10 UCe-20		4271868.87	568059.77	4	1756.00	1540.00	1558.00	18.00	7.28E-03	1.31E-01		VU	INJ	Cooper/Bredehoeft/I	L	1.31E-01	7.28E-03	2729	1485/0190
224	10 UCe-20		4271868.87	568059.77	4	1756.00	1540.00	1618.00	78.00	1.20E-03	9.38E-02		VU	INJ	Cooper/Bredehoeft/I	L	9.38E-02	1.20E-03	2729	1485/0190
225	10 UCe-20		4271868.87	568059.77	4	1756.00	1579.00	1618.00	39.00	2.24E-05	8.74E-04		VU	INJ	Cooper/Bredehoeft/I	L	8.75E-04	2.24E-05	2729	1485/0190
226	10 UCe-20		4271868.87	568059.77	4	1756.00	1625.00	1829.00	204.00	2.15E-01	4.38E+01		VU	INJ	Cooper/Bredehoeft/I	L	4.38E+01	2.15E-01	2729	1485/0190
227	10 UCe-20		4271868.87	568059.77	4	1756.00	1652.00	1671.00	19.00	1.97E+00	3.75E+01		VU	INJ	Cooper/Bredehoeft/I	L	3.75E+01	1.97E+00	2729	1485/0190
228	10 UCe-20		4271868.87	568059.77	4	1756.00	1680.00	1829.00	149.00	1.77E-01	2.63E+01		VU	INJ	Cooper/Bredehoeft/I	L	2.63E+01	1.77E-01	2729	1485/0190
229	10 UCe-20		4271868.87	568059.77	4	1756.00	1799.00	1829.00	30.00	5.77E-04	1.73E-02		VU	INJ	Cooper/Bredehoeft/I	L	1.73E-02	5.77E-04	2729	1485/0190
230	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	7.89E+00	9.91E+02	1.59E+01	LCA	pump	Cooper - Jacob	M	9.91E+02	7.89E+00	IT files	IT files
231	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	6.66E+00	8.37E+02		LCA	pump	Cooper - Jacob	L	8.37E+02	6.66E+00	IT files	IT files
232	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	2.15E+01	2.70E+03		LCA	pump	Cooper - Jacob	M	2.70E+03	2.15E+01	IT files	IT files
233	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	1.89E+01	2.37E+03		LCA	pump	Cooper - Jacob	M	2.37E+03	1.89E+01	IT files	IT files
234	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	2.08E+01	2.61E+03		LCA	pump	Theis	M	2.61E+03	2.08E+01	IT files	IT files
235	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	1.85E+01	2.32E+03		LCA	pump	Theis	M	2.32E+03	1.85E+01	IT files	IT files
236	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	1.96E+01	2.46E+03		LCA	rec	Cooper - Jacob	M	2.46E+03	1.96E+01	IT files	IT files
237	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	1.46E+01	1.83E+03		LCA	rec	Cooper - Jacob	M	1.83E+03	1.46E+01	IT files	IT files
238	78 UE-10J		4115643.99	581526.09	2	1394.51	670.12	795.73	125.61	1.46E+01	1.83E+03		LCA	rec	Cooper - Jacob	M	1.83E+03	1.46E+01	IT files	IT files
239	69 UE-16d		4102772.92	574292.64	4	1428.00	25.00	646.00	621.00	3.22E-01	2.00E+02		LCA3	PUMP		L	2.00E+02	3.22E-01	0042	
240	69 UE-16d		4102772.92	574292.64	4	1428.00	262.00	314.00	52.00	9.62E-02	5.00E+00		LCA3	SLUG		L	5.00E+00	9.62E-02	0042	
241	69 UE-16d		4102772.92	574292.64	4	1428.00	314.00	366.00	52.00	4.81E-01	2.50E+01		LCA3	SLUG		L	2.50E+01	4.81E-01	0042	
242	69 UE-16d		4102772.92	574292.64	4	1428.00	399.00	465.00	66.00	3.79E-01	2.50E+01		LCA3	SLUG		L	2.50E+01	3.79E-01	0042	
243	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	1.88E+00	5.06E+02	1.17E+00	LCA3	Pump	Theis	M	5.06E+02	1.88E+00	IT files	USGS files
244	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	1.77E+00	4.77E+02		LCA3	pump	Cooper - Jacob	M	4.77E+02	1.77E+00	IT files	USGS files
245	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	1.24E+00	3.34E+02		LCA3	pump	Theis	M	3.34E+02	1.24E+00	IT files	USGS files
246	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	1.23E+00	3.31E+02		LCA3	pump	Cooper - Jacob	L	3.31E+02	1.23E+00	IT files	USGS files
247	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	6.71E-01	1.81E+02		LCA3	pump	Cooper - Jacob	M	1.81E+02	6.71E-01	IT files	USGS files
248	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	6.44E-01	1.73E+02		LCA3	pump	Theis	M	1.73E+02	6.44E-01	IT files	USGS files
249	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	1.45E+00	3.90E+02		LCA3	rec	Cooper - Jacob	L	3.90E+02	1.45E+00	IT files	USGS files
250	69 UE-16d		4102772.92	574292.64	4	1428.00	645.43	914.63	269.21	4.99E-01	1.34E+02		LCA3	rec	Cooper - Jacob	M	1.34E+02	4.99E-01	IT files	USGS files
251	69 UE-16d		4102772.92	574292.64	4	1428.00	468.00	533.00	65.00	7.08E-02	4.60E+00		UCCU	SLUG		L	4.60E+00	7.08E-02	0042	
252	62 UE-16f		4098959.35	574999.56	4	1418.00	394.00	431.00	37.00	2.70E-03	1.00E-01		UCCU	SLUG		L	1.00E-01	2.70E-03	0042	
253	70 UE-17a		4103156.26	574115.78	4	1432.00	227.00	363.00	136.00	8.09E-04	1.10E-01	8.09E-04	LCA3	REC	Cooper - Jacob	M	1.10E-01	8.09E-04	0015	
254	73 UE-18r		4109761.51	549321.53	5	1688.42	496.65	1525.61	1028.96	2.78E-01	2.86E+02	2.79E-01	TMAQ	PUMP	Cooper - Jacob	M	2.86E+02	2.78E-01	0018	
255	73 UE-18r		4109761.51	549321.53	4	1688.42	496.65	1525.61	1028.96	2.80E-01	2.88E+02		TMAQ	PUMP	Cooper - Jacob	M	2.88E+02	2.80E-01	IT files	USGS files
256	100 UE-19b #1		4129796.05	562090.37	4	2073.78	667.68	1371.95	704.27	9.88E-01	6.96E+02	9.88E-01	TBAQ	PUMP		M	6.96E+02	9.88E-01	0018	USGS files
257	94 UE-19c		4124701.04	560338.52	4	2143.90	738.11	1378.05	639.94	2.33E-01	1.49E+02		TBAQ	PUMP		L	1.49E+02	2.33E-01	0018	USGS files
258	UE-19d				4	2091.77	780.49	2344.21	1563.72	1.59E-01	2.48E+02		TBAQ	pump		L	2.48E+02	1.59E-01	18	USGS files
259	UE-19d				4	2091.77	780.49	2344.21	1563.72	4.04E-02	6.32E+01	4.04E-02	TBAQ	pump		M	6.32E+01	4.04E-02	18	USGS files
260	UE-19e				4	2109.45	754.57	1830.79	1076.22	9.70E-02	1.04E+02	6.06E-02	TBAQ	PUMP	Cooper - Jacob	M	1.04E+02	9.70E-02	0018	92
261	UE-19e				4	2109.00	754.57	1830.79	1076.22	2.42E-02	2.61E+01		TBAQ	PUMP	Cooper - Jacob	M	2.61E+01	2.42E-02	IT files	USGS files
262	81 UE-19fS		4119780.15	556107.13	4	2053.35	782.01	1457.01	675.00	2.02E-01	1.37E+02		TCTC	PUMP		L	1.37E+02	2.02E-01	0018	
263	81 UE-19fs		4119780.15	556107.13	4	2053.35	782.01	1457.01	675.00	1.20E-01	8.08E+01	1.20E-01	TCTC	PUMP	Cooper - Jacob	M	8.08E+01	1.20E-01	IT files	USGS files
264	86 UE-19gS		4129056.21	556305.74	4	2048.48	807.93	1374.39	566.46	6.58E-01	3.73E+02	9.06E-01	TBAQ	PUMP	Cooper - Jacob	M	3.73E+02	6.58E-01	0018	
265	99 UE-19gS		4129056.21	556305.74	4	2048.00	623.00	808.00	185.00	1.67E+00	3.08E+02		TCTC	PUMP	Cooper - Jacob	M	3.08E+02	1.67E+00	IT files	USGS files
266	102 UE-19h		4132881.21	555488.09	3	2067.07	707.93	1129.57	421.65	4.13E+00	1.74E+03	4.13E+00	TBAQ	PUMP	Cooper - Jacob	H	1.74E+03	4.13E+00	0018	
267	91 UE-19i		4122591.48	557921.90	5	2085.06	1036.59	1147.87	111.28	1.12E-01	1.24E+01		TCTC	INJ		L	1.24E+01	1.12E-01	1475	
268	91 UE-19i		4122591.48	557921.90	4	2085.06	882.93	2439.02	1556.10	1.12E-02	1.74E+01	1.12E-02	TCTC, TBAC	PUMP	Cooper - Jacob	M	1.74E+01	1.12E-02	0018	

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
269	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.99E+01	8.57E+02	1.14E+01	LCA3	REC	Cooper - Jacob	M	8.57E+02	1.99E+01	IT files	IT files
270	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.82E+01	7.83E+02		LCA3	REC	Cooper - Jacob	M	7.83E+02	1.82E+01	IT files	IT files
271	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.06E+00	4.57E+01		LCA3	pump	Cooper - Jacob	L	4.57E+01	1.06E+00	IT files	IT files
272	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.55E+01	6.64E+02		LCA3	pump	Cooper - Jacob	M	6.64E+02	1.55E+01	IT files	IT files
273	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.58E+01	6.78E+02		LCA3	pump	Theis	M	6.78E+02	1.58E+01	IT files	IT files
274	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	6.82E+00	2.93E+02		LCA3	pump	Cooper - Jacob	M	2.93E+02	6.82E+00	IT files	IT files
275	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.83E+01	7.86E+02		LCA3	pump	Cooper - Jacob	M	7.86E+02	1.83E+01	IT files	IT files
276	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	7.96E-01	3.42E+01		LCA3	pump	Cooper - Jacob	L	3.42E+01	7.96E-01	IT files	IT files
277	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	6.33E+00	2.72E+02		LCA3	pump	Theis	M	2.72E+02	6.33E+00	IT files	IT files
278	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.55E+01	6.68E+02		LCA3	pump	Theis	M	6.68E+02	1.55E+01	IT files	IT files
279	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	7.06E-01	3.04E+01		LCA3	pump	Theis	L	3.04E+01	7.06E-01	IT files	IT files
280	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	1.83E+01	7.85E+02		LCA3	rec	Cooper - Jacob	M	7.85E+02	1.83E+01	IT files	IT files
281	66 UE-1q		4101776.63	583722.19	2	1244.51	749.70	792.68	42.99	9.61E-01	4.13E+01		LCA3	pump	Theis	L	4.13E+01	9.61E-01	IT files	IT files
282	90 UE-20d		4122274.70	546102.37	5	1906.10	745.73	1369.82	624.09	8.76E-01	5.47E+02		TPTC, TCTC	PUMP		L	5.47E+02	8.76E-01	0018	
283	101 UE-20e #1		4129980.16	548110.11	3	1919.82	555.49	1949.70	1394.21	7.40E-02	1.03E+02	6.43E-02	TCTC, TBAC	PUMP	Cooper - Jacob	M	1.03E+02	7.40E-02	0018	
284	101 UE-20e #1		4129980.16	548110.11	3	1919.82	555.49	1949.70	1394.21	5.47E-02	7.62E+01		TCTC, TBAC	PUMP	Cooper - Jacob	M	7.62E+01	5.47E-02	IT files	USGS files
285	95 UE-20f		4124899.80	545400.50	4	1864.63	1358.54	4172.56	2814.02	4.42E-03	1.24E+01	4.42E-03	TCTC,TBAQ	PUMP	Cooper - Jacob	M	1.24E+01	4.42E-03	0018	USGS files
286	96 UE-20h		4124974.60	550196.19	4	1999.09	764.02	2197.26	1433.23	9.54E-02	1.37E+02		TCTC	PUMP	Cooper - Jacob	L	1.37E+02	9.54E-02	0018	USGS files
287	96 UE-20h		4124974.60	550196.19	4	1999.09	764.02	2197.26	1433.23	9.08E-02	1.30E+02	9.08E-02	TCTC	PUMP	Theis Recovery	H	1.30E+02	9.08E-02	IT files	USGS files
288	98 UE-20j		4127990.36	541284.76	4	1799.70	530.49	1734.76	1204.27	6.09E-01	7.33E+02		TBAQ, BCU	PUMP	Cooper - Jacob	L	7.33E+02	6.09E-01	1528	USGS files
289	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	3.46E-06	1.01E-03		WTA		LABORATORY	L		3.46E-06	0031	
290	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	2.59E-05	7.59E-03		WTA		LABORATORY	L		2.59E-05	0031	
291	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	3.46E-04	1.01E-01		WTA		LABORATORY	L		3.46E-04	0031	
292	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	5.18E-04	1.52E-01		WTA		LABORATORY	L		5.18E-04	0031	
293	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	1.73E-03	5.06E-01		WTA		LABORATORY	L		1.73E-03	0031	
294	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	1.73E-03	5.06E-01		WTA		LABORATORY	L		1.73E-03	0031	
295	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	6.91E-07	2.02E-04		WTA		LABORATORY	L		6.91E-07	0031	
296	45 UE-25a #1		4078316.74	549934.40	5	1199.00	469.00	762.00	293.00	1.73E-04	5.07E-02		WTA		LABORATORY	L		1.73E-04	0031	
297	45 UE-25a #1		4078316.74	549934.40	5	1199.00	100.00	100.00		4.40E-05	0.00E+00		WTA		LABORATORY	M		4.40E-05	1174	
298	45 UE-25a #1		4078316.74	549934.40	5	1199.00	128.00	128.00		1.59E-06	0.00E+00		WTA		LABORATORY	M		1.59E-06	1174	
299	45 UE-25a #1		4078316.74	549934.40	5	1199.00	144.00	144.00		1.23E-05	0.00E+00		WTA		LABORATORY	M		1.23E-05	1174	
300	45 UE-25a #1		4078316.74	549934.40	5	1199.00	160.00	160.00		5.09E-04	0.00E+00		WTA		LABORATORY	M		5.09E-04	1174	
301	45 UE-25a #1		4078316.74	549934.40	5	1199.00	18.00	18.00		1.55E-07	0.00E+00		WTA		LABORATORY	M		1.55E-07	1174	
302	45 UE-25a #1		4078316.74	549934.40	5	1199.00	201.00	201.00		4.59E-06	0.00E+00		WTA		LABORATORY	M		4.59E-06	1174	
303	45 UE-25a #1		4078316.74	549934.40	5	1199.00	224.00	224.00		2.85E-06	0.00E+00		WTA		LABORATORY	M		2.85E-06	1174	
304	45 UE-25a #1		4078316.74	549934.40	5	1199.00	235.00	235.00		1.57E-04	0.00E+00		WTA		LABORATORY	M		1.57E-04	1174	
305	45 UE-25a #1		4078316.74	549934.40	5	1199.00	249.00	249.00		6.68E-07	0.00E+00		WTA		LABORATORY	M		6.68E-07	1174	
306	45 UE-25a #1		4078316.74	549934.40	5	1199.00	264.00	264.00		1.39E-06	0.00E+00		WTA		LABORATORY	M		1.39E-06	1174	
307	45 UE-25a #1		4078316.74	549934.40	5	1199.00	281.00	281.00		9.60E-07	0.00E+00		WTA		LABORATORY	M		9.60E-07	1174	
308	45 UE-25a #1		4078316.74	549934.40	5	1199.00	308.00	308.00		1.10E-06	0.00E+00		WTA		LABORATORY	M		1.10E-06	1174	
309	45 UE-25a #1		4078316.74	549934.40	5	1199.00	31.00	31.00		2.42E-06	0.00E+00		WTA		LABORATORY	M		2.42E-06	1174	
310	45 UE-25a #1		4078316.74	549934.40	5	1199.00	317.00	317.00		1.19E-05	0.00E+00		WTA		LABORATORY	M		1.19E-05	1174	
311	45 UE-25a #1		4078316.74	549934.40	5	1199.00	339.00	339.00		3.19E-06	0.00E+00		WTA		LABORATORY	M		3.19E-06	1174	
312	45 UE-25a #1		4078316.74	549934.40	5	1199.00	361.00	361.00		1.04E-05	0.00E+00		WTA		LABORATORY	M		1.04E-05	1174	
313	45 UE-25a #1		4078316.74	549934.40	5	1199.00	381.00	381.00		2.42E-06	0.00E+00		WTA		LABORATORY	M		2.42E-06	1174	
314	45 UE-25a #1		4078316.74	549934.40	5	1199.00	386.00	386.00		1.34E-04	0.00E+00		WTA		LABORATORY	M		1.34E-04	1174	
315	45 UE-25a #1		4078316.74	549934.40	5	1199.00	398.00	398.00		6.76E-06	0.00E+00		WTA		LABORATORY	M		6.76E-06	1174	
316	45 UE-25a #1		4078316.74	549934.40	5	1199.00	415.00	415.00		4.33E-05	0.00E+00		WTA		LABORATORY	M		4.33E-05	1174	
317	45 UE-25a #1		4078316.74	549934.40	5	1199.00	462.00	462.00		1.44E-05	0.00E+00		WTA		LABORATORY	M		1.44E-05	1174	
318	45 UE-25a #1		4078316.74	549934.40	5	1199.00	47.00	47.00		2.96E-06	0.00E+00		WTA		LABORATORY	M		2.96E-06	1174	
319	45 UE-25a #1		4078316.74	549934.40	5	1199.00	478.00	478.00		2.01E-04	0.00E+00		WTA		LABORATORY	M		2.01E-04	1174	
320	45 UE-25a #1		4078316.74	549934.40	5	1199.00	499.00	499.00		3.05E-04	0.00E+00		WTA		LABORATORY	M		3.05E-04	1174	
321	45 UE-25a #1		4078316.74	549934.40	5	1199.00	531.00	531.00		4.36E-05	0.00E+00		WTA		LABORATORY	M		4.36E-05	1174	
322	45 UE-25a #1		4078316.74	549934.40	5	1199.00	546.00	546.00		3.77E-06	0.00E+00		WTA		LABORATORY	M		3.77E-06	1174	
323	45 UE-25a #1		4078316.74	549934.40	5	1199.00	562.00	562.00		5.12E-05	0.00E+00		WTA		LABORATORY	M		5.12E-05	1174	
324	45 UE-25a #1		4078316.74	549934.40	5	1199.00	57.00	57.00		4.17E-05	0.00E+00		WTA		LABORATORY	M		4.17E-05	1174	
325	45 UE-25a #1		4078316.74	549934.40	5	1199.00	576.00	576.00		1.41E-03	0.00E+00		WTA		LABORATORY	M		1.41E-03	1174	
326	45 UE-25a #1		4078316.74	549934.40	5	1199.00	592.00	592.00		6.51E-05	0.00E+00		WTA		LABORATORY	M		6.51E-05	1174	
327	45 UE-25a #1		4078316.74	549934.40	5	1199.00	606.00	606.00		1.53E-04	0.00E+00		WTA		LABORATORY	M		1.53E-04	1174	
328	45 UE-25a #1		4078316.74	549934.40	5	1199.00	62.00	62.00		1.16E-06	0.00E+00		WTA		LABORATORY	M		1.16E-06	1174	
329	45 UE-25a #1		4078316.74	549934.40	5	1199.00	620.00	620.00		5.07E-05	0.00E+00		WTA		LABORATORY	M		5.07E-05	1174	
330	45 UE-25a #1		4078316.74	549934.40	5	1199.00	634.00	634.00		1.14E-04	0.00E+00		WTA		LABORATORY	M		1.14E-04	1174	
331	45 UE-25a #1		4078316.74	549934.40	5	1199.00	643.00	643.00		2.60E-04	0.00E+00		WTA		LABORATORY	M		2.60E-04	1174	
332	45 UE-25a #1		4078316.74	549934.40	5	1199.00	658.00	658.00		1.01E-04	0.00E+00		WTA		LABORATORY	M		1.01E-04	1174	
333	45 UE-25a #1		4078316.74	549934.40	5	1199.00	671.00	671.00		8.71E-04	0.00E+00		WTA		LABORATORY	M		8.71E-04	1174	
334	45 UE-25a #1		4078316.74	549934.40	5	1199.00	725.00	725.00		1.31E-03	0.00E+00		WTA		LABORATORY	M		1.31E-03	1174	
335	45 UE-25a #1		4078316.74	549934.40	5	1199.00	744.00	744.00		1.90E-04	0.00E+00		WTA		LABORATORY	M		1.90E-04	1174	

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
336	45	UE-25a #1	4078316.74	549934.40	5	1199.00	761.00	761.00		4.16E-04	0.00E+00		WTA		LABORATORY	M		4.16E-04	1174	
337	46	UE-25b #1	4078421.63	549954.45	3	1200.00	477.00	491.00	14.00	3.93E+00	5.50E+01		WTA	INJ		L	5.50E+01	3.93E+00	0019	0010
338	46	UE-25b #1	4078421.63	549954.45	3	1200.00	477.00	579.00	102.00	1.67E-02	1.70E+00		WTA	INJ		L	1.70E+00	1.67E-02	0019	0010
339	46	UE-25b #1	4078421.63	549954.45	3	1200.00	491.00	505.00	14.00	4.93E-01	6.90E+00		WTA	INJ		L	6.90E+00	4.93E-01	0019	0010
340	46	UE-25b #1	4078421.63	549954.45	3	1200.00	504.00	544.00	40.00	3.50E-02	1.40E+00		WTA	INJ		L	1.40E+00	3.50E-02	0019	0010
341	46	UE-25b #1	4078421.63	549954.45	3	1200.00	505.00	579.00	74.00	3.65E-02	2.70E+00		WTA	INJ		L	2.70E+00	3.65E-02	0019	0010
342	46	UE-25b #1	4078421.63	549954.45	3	1200.00	514.00	579.00	65.00	7.54E-02	4.90E+00		WTA	INJ		L	4.90E+00	7.54E-02	0019	0010
343	46	UE-25b #1	4078421.63	549954.45	3	1200.00	581.00	621.00	40.00	9.25E-01	3.70E+01		WTA	INJ		L	3.70E+01	9.25E-01	0019	0010
344	46	UE-25b #1	4078421.63	549954.45	3	1200.00	621.00	661.00	40.00	5.25E-02	2.10E+00		WTA	INJ		L	2.10E+00	5.25E-02	0019	0010
345	46	UE-25b #1	4078421.63	549954.45	3	1200.00	703.00	743.00	40.00	4.50E-03	1.80E-01		WTA	INJ		L	1.80E-01	4.50E-03	0019	0010
346	46	UE-25b #1	4078421.63	549954.45	3	1200.00	743.00	783.00	40.00	2.48E-03	9.90E-02		WTA	INJ		L	9.90E-02	2.48E-03	0019	0010
347	46	UE-25b #1	4078421.63	549954.45	3	1200.00	779.00	819.00	40.00	9.75E-01	3.90E+01		WTA	INJ		L	3.90E+01	9.75E-01	0019	0010
348	46	UE-25b #1	4078421.63	549954.45	3	1200.00	820.00	860.00	40.00	3.25E-01	1.30E+01		WTA	INJ		L	1.30E+01	3.25E-01	0019	0010
349	46	UE-25b #1	4078421.63	549954.45	3	1200.00	1006.00	1220.00	214.00	9.81E-05	2.10E-02		WTA,TCU	INJ		L	2.10E-02	9.81E-05	0019	0010
350	46	UE-25b #1	4078421.63	549954.45	3	1200.00	792.00	1220.00	428.00	1.14E-01	4.90E+01		WTA,TCU	INJ		L	4.90E+01	1.14E-01	0019	0010
351	46	UE-25b #1	4078421.63	549954.45	3	1200.00	792.00	1220.00	428.00	1.14E-01	4.90E+01		WTA,TCU	INJ		L	4.90E+01	1.14E-01	0019	0010
352	46	UE-25b #1	4078421.63	549954.45	3	1200.00	471.00	1220.00	749.00	4.54E-01	3.40E+02		WTA,TCU	PUMP	Thiem	L	3.40E+02	4.54E-01	0019	0010
353	46	UE-25b #1	4078421.63	549954.45	3	1200.00	471.00	1220.00	749.00	8.64E-01	6.47E+02	8.64E-01	WTA,TCU	PUMP	Moench	M		8.64E-01	498	10
354	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1308.00	11.00	2.73E-01	3.00E+00		LCA	INJ		L	3.00E+00	2.73E-01	0064	0011
355	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1337.00	40.00	1.25E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.25E-01	0064	0011
356	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1337.00	40.00	1.75E-02	7.00E-01	1.91E-01	LCA	INJ	Theis	M	7.00E-01	1.75E-02	0064	0011
357	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1341.00	1381.00	40.00	1.25E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.25E-01	0064	0011
358	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1381.00	1421.00	40.00	1.25E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.25E-01	0064	0011
359	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1423.00	1463.00	40.00	1.25E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.25E-01	0064	0011
360	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1463.00	1509.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
361	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1509.00	1555.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
362	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1554.00	1600.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0084	0011
363	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1558.00	1805.00	247.00	2.02E-02	5.00E+00		LCA	INJ		L	5.00E+00	2.02E-02	0064	0011
364	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1597.00	1643.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
365	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1643.00	1689.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
366	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1646.00	1805.00	159.00	3.14E-02	5.00E+00		LCA	INJ		L	5.00E+00	3.14E-02	0064	0011
367	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1689.00	1735.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
368	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1735.00	1781.00	46.00	1.09E-01	5.00E+00		LCA	INJ		L	5.00E+00	1.09E-01	0064	0011
369	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1805.00	508.00	2.19E-01	1.11E+02		LCA	PUMP	Cooper - Jacob	M	1.11E+02	2.19E-01	0064	0011
370	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1805.00	508.00	2.58E-01	1.31E+02		LCA	PUMP	Cooper - Jacob	M	1.31E+02	2.58E-01	0064	0011
371	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.00	1805.00	508.00	2.19E-01	1.11E+02		LCA	PUMP	Theis	M	1.11E+02	2.19E-01	0064	0011
372	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.26	1805.49	508.23	2.19E-01	1.11E+02		LCA	pump	Cooper - Jacob	M	1.11E+02	2.19E-01	IT files	IT files
373	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1297.26	1805.49	508.23	2.58E-01	1.31E+02		LCA	pumpe	Cooper - Jacob	M	1.31E+02	2.58E-01	IT files	IT files
374	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1044.00	1114.00	70.00	7.14E-02	5.00E+00		TCU	INJ		L	5.00E+00	7.14E-02	0064	0011
375	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1110.00	1180.00	70.00	1.43E-03	1.00E-01	7.14E-03	TCU	INJ	Theis	M	1.00E-01	1.43E-03	0064	0011
376	41	UE-25p #1	4075662.34	551508.39	3	1114.00	904.00	974.00	70.00	1.29E-02	9.00E-01		TCU	INJ	Theis	M	9.00E-01	1.29E-02	0064	0011
377	41	UE-25p #1	4075662.34	551508.39	3	1114.00	974.00	1044.00	70.00	4.29E-02	3.00E+00		TCU	INJ		L	3.00E+00	4.29E-02	0064	0011
378	41	UE-25p #1	4075662.34	551508.39	3	1114.00	974.00	1044.00	70.00	7.14E-02	5.00E+00		TCU	INJ		L	5.00E+00	7.14E-02	0064	0011
379	41	UE-25p #1	4075662.34	551508.39	3	1114.00	1183.00	1301.00	118.00	4.24E-02	5.00E+00		TCU,LCA	INJ	Flow Survey	L	5.00E+00	4.24E-02	0064	0011
380	41	UE-25p #1	4075662.34	551508.39	3	1114.00	384.00	500.00	116.00	4.31E-02	5.00E+00		WTA	INJ	Flow Survey	L	5.00E+00	4.31E-02	0064	0011
381	41	UE-25p #1	4075662.34	551508.39	3	1114.00	500.00	550.00	50.00	2.00E-03	1.00E-01	3.31E-02	WTA	INJ	Theis	M	1.00E-01	2.00E-03	0064	0011
382	41	UE-25p #1	4075662.34	551508.39	3	1114.00	550.00	600.00	50.00	5.60E-02	2.80E+00		WTA	INJ	Theis	M	2.80E+00	5.60E-02	0064	0011
383	41	UE-25p #1	4075662.34	551508.39	3	1114.00	600.00	650.00	50.00	6.00E-02	3.00E+00		WTA	INJ		L	3.00E+00	6.00E-02	0064	0011
384	41	UE-25p #1	4075662.34	551508.39	3	1114.00	600.00	650.00	50.00	1.00E-01	5.00E+00		WTA	INJ		L	5.00E+00	1.00E-01	0064	0011
385	41	UE-25p #1	4075662.34	551508.39	3	1114.00	640.00	690.00	50.00	2.20E-02	1.10E+00		WTA	INJ	Theis	M	1.10E+00	2.20E-02	0064	0011
386	41	UE-25p #1	4075662.34	551508.39	3	1114.00	690.00	740.00	50.00	4.00E-03	2.00E-01		WTA	INJ	Theis	M	2.00E-01	4.00E-03	0064	0011
387	41	UE-25p #1	4075662.34	551508.39	3	1114.00	739.00	789.00	50.00	2.20E-02	1.10E+00		WTA	INJ	Theis	M	1.10E+00	2.20E-02	0064	0011
388	41	UE-25p #1	4075662.34	551508.39	3	1114.00	764.00	834.00	70.00	8.57E-03	6.00E-01		WTA	INJ	Theis	M	6.00E-01	8.57E-03	0064	0011
389	41	UE-25p #1	4075662.34	551508.39	3	1114.00	834.00	904.00	70.00	1.14E-02	8.00E-01	1.14E-02	WTA,TCU	INJ	Theis	M	8.00E-01	1.14E-02	0064	0011
390	41	UE-25p #1	4075662.34	551508.39	3	1114.00	382.00	1301.00	919.00	2.83E-02	2.60E+01	2.47E-02	VTA,TCU,LC	PUMP	Cooper - Jacob	M	2.60E+01	2.83E-02	0064	0011
391	41	UE-25p #1	4075662.34	551508.39	3	1114.00	382.00	1301.00	919.00	2.61E-02	2.40E+01		WTA,TCU,LC	PUMP	Theis	M	2.40E+01	2.61E-02	0064	0011
392	41	UE-25p #1	4075662.34	551508.39	3	1114.00	382.00	1301.00	919.00	1.96E-02	1.80E+01		WTA,TCU,LC	REC	Cooper - Jacob	M	1.80E+01	1.96E-02	0064	0011
393	72	UE-7nS	4106090.54	588643.62	4	1331.40	608.23	670.43	62.20	1.44E-02	8.95E-01		LCA	pump	Cooper - Jacob	L	8.95E-01	1.44E-02	IT files	USGS files
394	72	UE-7nS	4106090.54	588643.62	4	1331.40	608.23	670.43	62.20	6.79E-03	4.22E-01		LCA	pump	Cooper - Jacob	L	4.22E-01	6.79E-03	IT files	USGS files
395	72	UE-7nS	4106090.54	588643.62	4	1331.40	608.23	670.43	62.20	8.59E-03	5.34E-01		LCA	pump	Theis	L	5.34E-01	8.59E-03	IT files	USGS files
396	72	UE-7nS	4106090.54	588643.62	4	1331.40	608.23	670.43	62.20	5.79E-03	3.60E-01		LCA	pump	Theis	L	3.60E-01	5.79E-03	IT files	USGS files
397	72	UE-7nS	4106090.54	588643.62	4	1331.40	608.23	670.43	62.20	1.14E-02	7.08E-01		LCA	rec	Cooper - Jacob	L	7.08E-01	1.14E-02	IT files	USGS files
398	29	USGS HTH "F"	4068347.43	578857.66	4	1263.11	956.40	1036.59	80.18	9.30E+00	7.45E+02		LCA	PUMP	Theis	L	7.45E+02	9.30E+00	0100	
399	29	USGS HTH "F"	4068347.43	578857.66	4	1263.11	956.40	1036.59	80.18	1.74E+00	1.39E+02		LCA	PUMP	Cooper - Jacob	L	1.39E+02	1.74E+00	IT files	USGS files
400	29	USGS HTH "F"	4068347.43	578857.66	4	1263.11	956.40	1036.59	80.18	2.78E+00	2.23E+02		LCA	PUMP	Cooper - Jacob	L	2.23E+02	2.78E+00	IT files	USGS files
401	29	USGS HTH "F"	4068347.43	578857.66	4	1263.11	956.40	1036.59	80.18	1.74E+00	1.39E+02		LCA	PUMP	Theis	L	1.39E+02	1.74E+00	IT files	USGS files
402	29	USGS HTH "F"	4068347.43	578857.66	4	1263.11	956.40	1036.59	80.18	2.55E+00	2.04E+02		LCA	PUMP	Theis	L	2.04E+02	2.55E+00	IT files	USGS files

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
403	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1128.05	1279.88	151.83	8.18E-02	1.24E+01		LCA3	PUMP		L	1.24E+01	8.18E-02	0100	
404	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1128.05	1279.88	151.83	2.86E-01	4.35E+01		LCA3	REC	Cooper - Jacob	L	4.35E+01	2.86E-01	0100	
405	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1131.40	1282.32	150.91	5.20E-01	7.85E+01	3.38E-01	LCA3	PUMP	Cooper - Jacob	M	7.85E+01	5.20E-01	IT files	USGS files
406	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1131.40	1282.32	150.91	4.09E-01	6.16E+01		LCA3	PUMP	Theis	M	6.16E+01	4.09E-01	IT files	USGS files
407	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1131.40	1282.32	150.91	1.89E-02	2.85E+00		LCA3	pump	Theis	L	2.85E+00	1.89E-02	IT files	USGS files
408	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1131.40	1282.32	150.91	4.03E-01	6.08E+01		LCA3	rec	Cooper - Jacob	M	6.08E+01	4.03E-01	IT files	USGS files
409	75	USGS HTH #1	4112498.47	568999.89	3	1876.83	1131.40	1282.32	150.91	2.39E-02	3.60E+00		LCA3	PUMP	Cooper - Jacob	L	3.60E+00	2.39E-02	IT files	USGS files
410	28	USGS HTH #10	4049902.44	602666.72	3	1088.11	310.98	396.65	85.67	2.90E+00	2.48E+02	3.78E+00	LCA	PUMP	Cooper - Jacob	H	2.48E+02	2.90E+00	0100	
411	28	USGS HTH #10	4049902.44	602666.72	3	1088.11	310.98	396.65	85.67	7.69E+00	6.58E+02		LCA	REC	Cooper - Jacob	H	6.58E+02	7.69E+00	0100	
412	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	2.46E+00	2.30E+02		LCA	PUMP	Cooper - Jacob	M	2.30E+02	2.46E+00	IT files	USGS files
413	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	3.37E+00	3.15E+02		LCA	PUMP	Cooper - Jacob	H	3.15E+02	3.37E+00	IT files	USGS files
414	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	4.37E+00	4.08E+02		LCA	PUMP	Cooper - Jacob	H	4.08E+02	4.37E+00	IT files	USGS files
415	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	2.43E-01	2.27E+01		LCA	PUMP	Cooper - Jacob	L	2.27E+01	2.43E-01	IT files	USGS files
416	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	3.03E+00	2.82E+02		LCA	PUMP	Theis	H	2.83E+02	3.03E+00	IT files	USGS files
417	28	USGS HTH #10	4049902.14	602666.72	3	1088.11	303.35	396.65	93.29	6.46E+00	6.03E+02		LCA	rec	Cooper - Jacob	H	6.03E+02	6.46E+00	IT files	USGS files
418	38	USGS HTH #3	4074015.30	601931.36	3	1060.06	336.28	564.94	228.66	2.06E-01	4.72E+01	2.06E-01	LCA	PUMP	Cooper - Jacob	H	4.72E+01	2.06E-01	0100	
419	25	USGS HTH #4	4049446.25	607760.66	3	1060.67	224.70	454.27	229.57	5.95E-01	1.37E+02		LCA	PUMP	Cooper - Jacob	L	1.37E+02	5.95E-01	0100	
420	25	USGS HTH #4	4049446.25	607760.66	3	1060.67	224.70	454.27	229.57	1.46E+00	3.35E+02	7.04E-01	LCA	REC	Cooper - Jacob	M	3.35E+02	1.46E+00	0100	
421	26	USGS HTH #4	4049561.15	607586.87	4	1060.67	228.96	454.27	225.30	6.40E-01	1.44E+02		LCA	PUMP	Cooper - Jacob	M	1.44E+02	6.40E-01	IT files	USGS files
422	26	USGS HTH #4	4049561.15	607586.87	4	1060.67	228.96	454.27	225.30	1.42E-01	3.21E+01		LCA	PUMP	Cooper - Jacob	L	3.21E+01	1.42E-01	IT files	USGS files
423	26	USGS HTH #4	4049561.15	607586.87	4	1060.67	228.96	454.27	225.30	6.21E-01	1.40E+02		LCA	PUMP	Theis	M	1.40E+02	6.21E-01	IT files	USGS files
424	26	USGS HTH #4	4049561.15	607586.87	4	1060.67	228.96	454.27	225.30	9.72E-02	2.19E+01		LCA	rec	Cooper - Jacob	L	2.19E+01	9.72E-02	IT files	USGS files
425	26	USGS HTH #4	4049561.15	607586.87	4	1060.67	228.96	454.27	225.30	1.25E+00	2.81E+02		LCA	rec	Theis	M	2.81E+02	1.25E+00	IT files	USGS files
426	58	USGS Test Well B Ex.	4092814.83	587779.93	4	1197.87	459.45	510.67	51.22	4.85E-02	2.48E+00		TPTA			L	2.48E+00	4.85E-02	0100	
427	58	USGS Test Well B Ex.	4092814.83	587779.93	4	1197.87	459.45	510.67	51.22	1.21E-02	6.21E-01		TPTA	REC		L	6.21E-01	1.21E-02	0100	
428	71	USGS Test Well D	4103325.48	582223.60	4	1265.24	528.35	544.51	16.16	4.23E-02	6.83E-01	3.58E-02	LCA	BAIL	Skibitzke	M	6.83E-01	4.23E-02	1469	
429	71	USGS Test Well D	4103325.48	582223.60	4	1265.24	540.24	573.78	33.54	3.52E-02	1.18E+00		LCA	BAIL	Skibitzke	M	1.18E+00	3.52E-02	1469	
430	71	USGS Test Well D	4103325.48	582223.60	4	1265.24	540.24	573.78	33.54	3.33E-02	1.12E+00		LCA	BAIL	Skibitzke	M	1.12E+00	3.33E-02	1469	
431	63	USGS Water Well A	4099193.44	585711.96	3	1221.34	489.33	570.12	80.79	2.03E+00	1.64E+02	1.95E+00	AA	PUMP	Cooper - Jacob	M	1.64E+02	2.03E+00	0100	
432	63	USGS Water Well A	4099193.44	585711.96	3	1221.34	489.33	570.12	80.79	1.88E+00	1.52E+02		AA	REC	Cooper - Jacob	M	1.52E+02	1.88E+00	0100	
433	63	USGS Water Well A	4099193.44	585711.96	4	1221.34	490.24	527.44	37.20	6.68E-02	2.49E+00		AA	BAIL	Cooper - Jacob	L	2.48E+00	6.68E-02	1482	
434	63	USGS Water Well A	4099193.44	585711.96	4	1221.34	490.24	527.44	37.20	1.34E-01	4.97E+00		AA	BAIL	Skibitzke	L	4.97E+00	1.34E-01	1482	
435	63	USGS Water Well A	4099193.44	585711.96	4	1221.34	490.24	570.12	79.88	1.24E-01	9.94E+00		AA	BAIL	Skibitzke	L	9.94E+00	1.24E-01	1482	
436	63	USGS Water Well A	4099193.44	585711.96	4	1221.34	490.24	570.12	79.88	1.24E-01	9.94E+00		AA	PUMP	Cooper - Jacob	L	9.94E+00	1.24E-01	1482	
437	63	USGS Water Well A	4099193.44	585711.96	4	1221.34	489.33	570.12	80.79	1.15E-01	9.29E+00		AA	pump	Neuman delayed yie	L	9.30E+00	1.15E-01	IT files	100
438	55	USGS Water Well C	4086123.94	588214.10	3	1195.43	469.51	518.60	49.09	2.28E+02	1.12E+04		LCA	PUMP		L	1.12E+04	2.28E+02	0100	
439	55	USGS Water Well C	4086123.94	588214.10	3	1195.43	470.43	518.60	48.17	2.58E+01	1.24E+03		LCA	PUMP		L	1.24E+03	2.58E+01	1484	
440	52	USW G-1	4080017.45	548298.22	5	1325.92	335.98	335.98		7.95E-07	0.00E+00		WTA		LABORATORY	L		7.95E-07	2724	
441	52	USW G-1	4080017.45	548298.22	5	1325.92	365.24	365.24		1.30E-07	0.00E+00		WTA		LABORATORY	L		1.30E-07	2724	
442	52	USW G-1	4080017.45	548298.22	5	1325.92	398.17	398.17		3.20E-06	0.00E+00		WTA		LABORATORY	L		3.20E-06	2724	
443	52	USW G-1	4080017.45	548298.22	5	1325.92	414.33	414.33		2.07E-06	0.00E+00		WTA		LABORATORY	L		2.07E-06	2724	
444	52	USW G-1	4080017.45	548298.22	5	1325.92	422.87	422.87		6.74E-05	0.00E+00		WTA		LABORATORY	L		6.74E-05	2724	
445	52	USW G-1	4080017.45	548298.22	5	1325.92	457.32	457.32		1.30E-06	0.00E+00		WTA		LABORATORY	L		1.30E-06	2724	
446	52	USW G-1	4080017.45	548298.22	5	1325.92	499.09	499.09		1.12E-06	0.00E+00		WTA		LABORATORY	L		1.12E-06	2724	
447	52	USW G-1	4080017.45	548298.22	5	1325.92	534.45	534.45		1.21E-06	0.00E+00		WTA		LABORATORY	L		1.21E-06	2724	
448	52	USW G-1	4080017.45	548298.22	5	1325.92	542.68	542.68		1.81E-07	0.00E+00		WTA		LABORATORY	L		1.81E-07	2724	
449	52	USW G-1	4080017.45	548298.22	5	1325.92	545.73	545.73		4.49E-07	0.00E+00		WTA		LABORATORY	L		4.49E-07	2724	
450	52	USW G-1	4080017.45	548298.22	5	1325.92	555.18	555.18		3.72E-06	0.00E+00		WTA		LABORATORY	L		3.72E-06	2724	
451	52	USW G-1	4080017.45	548298.22	5	1325.92	561.28	561.28		1.38E-05	0.00E+00		WTA		LABORATORY	L		1.38E-05	2724	
452	52	USW G-1	4080017.45	548298.22	5	1325.92	584.45	584.45		1.38E-04	0.00E+00		WTA		LABORATORY	L		1.38E-04	2724	
453	52	USW G-1	4080017.45	548298.22	5	1325.92	118.60	118.60		3.46E-06	0.00E+00		WTA		LABORATORY	L		3.46E-06	2724	
454	52	USW G-1	4080017.45	548298.22	5	1325.92	187.80	187.80		1.47E-07	0.00E+00		WTA		LABORATORY	L		1.47E-07	2724	
455	52	USW G-1	4080017.45	548298.22	5	1325.92	229.27	229.27		9.42E-07	0.00E+00		WTA		LABORATORY	L		9.42E-07	2724	
456	47	USW G-4	4078589.64	548937.63	3	1270.00	353.05	353.05		1.64E-06	0.00E+00		WTA		Laboratory	M		1.64E-06	0087	
457	47	USW G-4	4078589.64	548937.63	3	1270.00	370.43	370.43		5.62E-07	0.00E+00		WTA		Laboratory	M		5.62E-07	0087	
458	47	USW G-4	4078589.64	548937.63	3	1270.00	37.80	37.80		1.25E-06	0.00E+00		WTA		Laboratory	M		1.25E-06	0087	
459	47	USW G-4	4078589.64	548937.63	3	1270.00	382.93	382.93		1.12E-06	0.00E+00		WTA		Laboratory	M		1.12E-06	0087	
460	47	USW G-4	4078589.64	548937.63	3	1270.00	389.63	389.63		7.04E-07	0.00E+00		WTA		Laboratory	M		7.04E-07	0087	
461	47	USW G-4	4078589.64	548937.63	3	1270.00	396.04	396.04		3.89E-05	0.00E+00		WTA		Laboratory	M		3.89E-05	0087	
462	47	USW G-4	4078589.64	548937.63	3	1270.00	403.66	403.66		2.59E-07	0.00E+00		WTA		Laboratory	M		2.59E-07	0087	
463	47	USW G-4	4078589.64	548937.63	3	1270.00	414.33	414.33		4.32E-06	0.00E+00		WTA		Laboratory	M		4.32E-06	0087	
464	47	USW G-4	4078589.64	548937.63	3	1270.00	428.35	428.35		2.59E-07	0.00E+00		WTA		Laboratory	M		2.59E-07	0087	
465	47	USW G-4	4078589.64	548937.63	3	1270.00	428.35	428.35		2.59E-07	0.00E+00		WTA		Laboratory	M		2.59E-07	0087	
466	47	USW G-4	4078589.64	548937.63	3	1270.00	471.95	471.95		8.64E-07	0.00E+00		WTA		Laboratory	M		8.64E-07	0087	
467	47	USW G-4	4078589.64	548937.63	3	1270.00	472.87	472.87		2.76E-06	0.00E+00		WTA		Laboratory	M		2.76E-06	0087	
468	47	USW G-4	4078589.64	548937.63	3	1270.00	514.02	514.02		3.66E-07	0.00E+00		WTA		Laboratory	M		3.66E-07	0087	
469	47	USW G-4	4078589.64	548937.63	3	1270.00	526.83	526.83		1.08E-06	0.00E+00		WTA		Laboratory	M		1.08E-06	0087	

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
470	47 USW G-4		4078589.64	548937.63	3	1270.00	529.57	529.57		1.10E-06	0.00E+00		WTA		Laboratory	M		1.10E-06	0087	
471	47 USW G-4		4078589.64	548937.63	3	1270.00	539.33	539.33		1.99E-07	0.00E+00		WTA		Laboratory	M		1.99E-07	0087	
472	47 USW G-4		4078589.64	548937.63	3	1270.00	542.07	542.07		1.29E-06	0.00E+00		WTA		Laboratory	M		1.29E-06	0087	
473	47 USW G-4		4078589.64	548937.63	3	1270.00	542.07	542.07		5.62E-07	0.00E+00		WTA		Laboratory	M		5.62E-07	0087	
474	47 USW G-4		4078589.64	548937.63	3	1270.00	544.82	544.82		6.99E-06	0.00E+00		WTA		Laboratory	M		6.99E-06	0087	
475	47 USW G-4		4078589.64	548937.63	3	1270.00	578.96	578.96		6.74E-04	0.00E+00		WTA		Laboratory	M		6.74E-04	0087	
476	47 USW G-4		4078589.64	548937.63	3	1270.00	611.59	611.59		1.73E-06	0.00E+00		WTA		Laboratory	M		1.73E-06	0087	
477	47 USW G-4		4078589.64	548937.63	3	1270.00	63.41	63.41		2.07E-01	0.00E+00		WTA		Laboratory	M		2.07E-01	0087	
478	47 USW G-4		4078589.64	548937.63	3	1270.00	640.55	640.55		3.80E-05	0.00E+00		WTA		Laboratory	M		3.80E-05	0087	
479	47 USW G-4		4078589.64	548937.63	3	1270.00	732.01	732.01		1.99E-04	0.00E+00		WTA		Laboratory	M		1.99E-04	0087	
480	47 USW G-4		4078589.64	548937.63	3	1270.00	733.84	733.84		5.44E-04	0.00E+00		WTA		Laboratory	M		5.44E-04	0087	
481	47 USW G-4		4078589.64	548937.63	3	1270.00	75.30	75.30		7.43E-08	0.00E+00		WTA		Laboratory	M		7.43E-08	0087	
482	47 USW G-4		4078589.64	548937.63	3	1270.00	13.11	13.11		8.38E-07	0.00E+00		WTA		Laboratory	M		8.38E-07	0087	
483	47 USW G-4		4078589.64	548937.63	3	1270.00	263.41	263.41		1.51E-06	0.00E+00		WTA		Laboratory	M		1.51E-06	0087	
484	47 USW G-4		4078589.64	548937.63	3	1270.00	263.41	263.41		1.51E-06	0.00E+00		WTA		Laboratory	M		1.51E-06	0087	
485	47 USW G-4		4078589.64	548937.63	3	1270.00	263.41	263.41		3.37E-06	0.00E+00		WTA		Laboratory	M		3.37E-06	0087	
486	47 USW G-4		4078589.64	548937.63	3	1270.00	263.41	263.41		3.37E-06	0.00E+00		WTA		Laboratory	M		3.37E-06	0087	
487	47 USW G-4		4078589.64	548937.63	3	1270.00	615.00	655.00	40.00	2.90E-02	1.16E+00	1.32E+00	WTA	INJ	Cooper, Bredehoeft,	M	1.16E+00	2.90E-02	0195	0012
488	47 USW G-4		4078589.64	548937.63	3	1270.00	655.00	701.00	46.00	1.11E-02	5.10E-01		WTA	INJ	Cooper, Bredehoeft,	L	5.10E-01	1.11E-02	0195	0012
489	47 USW G-4		4078589.64	548937.63	3	1270.00	698.00	722.00	24.00	4.46E-03	1.07E-01		WTA	INJ	Cooper, Bredehoeft,	M	1.07E-01	4.46E-03	0195	0012
490	47 USW G-4		4078589.64	548937.63	3	1270.00	722.00	747.00	25.00	2.52E-02	6.30E-01		WTA	INJ	Cooper, Bredehoeft,	L	6.30E-01	2.52E-02	0195	0012
491	47 USW G-4		4078589.64	548937.63	3	1270.00	747.00	792.00	45.00	2.56E-02	1.15E+00		WTA	INJ	Cooper, Bredehoeft,	M	1.15E+00	2.56E-02	0195	0012
492	47 USW G-4		4078589.64	548937.63	3	1270.00	792.00	838.00	46.00	1.65E-02	7.60E-01		WTA	INJ	Cooper, Bredehoeft,	L	7.60E-01	1.65E-02	0195	0012
493	47 USW G-4		4078589.64	548937.63	3	1270.00	802.00	826.00	24.00	2.63E-02	6.30E-01		WTA	INJ	Cooper, Bredehoeft,	L	6.30E-01	2.63E-02	0195	0012
494	47 USW G-4		4078589.64	548937.63	3	1270.00	802.00	826.00	24.00	3.29E-02	7.90E-01		WTA	INJ	Cooper, Bredehoeft,	L	7.90E-01	3.29E-02	0195	0012
495	47 USW G-4		4078589.64	548937.63	3	1270.00	826.00	850.00	24.00	9.58E-02	2.30E+00		WTA	INJ	Cooper, Bredehoeft,	L	2.30E+00	9.58E-02	0195	0012
496	47 USW G-4		4078589.64	548937.63	3	1270.00	541.00	915.00	374.00	1.66E+00	6.22E+02		WTA	PUMP	Papadopulos - Coop	M	6.22E+02	1.66E+00	0195	0012
497	47 USW G-4		4078589.64	548937.63	3	1270.00	541.00	915.00	374.00	1.80E+00	6.75E+02		WTA	PUMP	Papadopulos - Coop	M	6.75E+02	1.80E+00	0195	0012
498	47 USW G-4		4078589.64	548937.63	3	1270.00	541.00	915.00	374.00	1.52E+00	5.70E+02		WTA	REC	Theis Recovery	M	5.70E+02	1.52E+00	0195	0012
499	47 USW G-4		4078589.64	548937.63	3	1270.00	541.00	915.00	374.00	1.31E+00	4.90E+02		WTA	REC	Theis Recovery	M	4.90E+02	1.31E+00	0195	0012
500	47 USW G-4		4078589.64	548937.63	4	1270.43	353.05	353.05		1.61E-06	0.00E+00		WTA		LABORATORY	M		1.61E-06	2724	
501	47 USW G-4		4078589.64	548937.63	4	1270.43	353.35	353.35		1.64E-06	0.00E+00		WTA		LABORATORY	M		1.64E-06	2724	
502	47 USW G-4		4078589.64	548937.63	4	1270.43	41.46	41.46		2.42E-02	0.00E+00		WTA		LABORATORY	M		2.42E-02	2724	
503	47 USW G-4		4078589.64	548937.63	4	1270.43	428.35	428.35		2.58E-07	0.00E+00		WTA		LABORATORY	M		2.58E-07	2724	
504	47 USW G-4		4078589.64	548937.63	4	1270.43	428.35	428.35		2.58E-07	0.00E+00		WTA		LABORATORY	M		2.58E-07	2724	
505	47 USW G-4		4078589.64	548937.63	4	1270.43	471.65	471.65		1.21E-06	0.00E+00		WTA		LABORATORY	M		1.21E-06	2724	
506	47 USW G-4		4078589.64	548937.63	4	1270.43	471.95	471.95		1.21E-07	0.00E+00		WTA		LABORATORY	M		1.21E-07	2724	
507	47 USW G-4		4078589.64	548937.63	4	1270.43	526.83	526.83		3.91E-07	0.00E+00		WTA		LABORATORY	M		3.91E-07	2724	
508	47 USW G-4		4078589.64	548937.63	4	1270.43	529.27	529.27		2.25E-07	0.00E+00		WTA		LABORATORY	M		2.25E-07	2724	
509	47 USW G-4		4078589.64	548937.63	4	1270.43	529.57	529.57		2.27E-07	0.00E+00		WTA		LABORATORY	M		2.27E-07	2724	
510	47 USW G-4		4078589.64	548937.63	4	1270.43	542.07	542.07		1.00E-06	0.00E+00		WTA		LABORATORY	M		1.00E-06	2724	
511	47 USW G-4		4078589.64	548937.63	4	1270.43	544.82	544.82		2.46E-06	0.00E+00		WTA		LABORATORY	M		2.46E-06	2724	
512	47 USW G-4		4078589.64	548937.63	4	1270.43	578.96	578.96		3.35E-04	0.00E+00		WTA		LABORATORY	M		3.35E-04	2724	
513	47 USW G-4		4078589.64	548937.63	4	1270.43	63.41	63.41		2.03E-01	0.00E+00		WTA		LABORATORY	M		2.03E-01	2724	
514	47 USW G-4		4078589.64	548937.63	4	1270.43	263.41	263.41		1.64E-06	0.00E+00		WTA		LABORATORY	M		1.64E-06	2724	
515	47 USW G-4		4078589.64	548937.63	4	1270.43	263.41	263.41		1.64E-06	0.00E+00		WTA		LABORATORY	M		1.64E-06	2724	
516	47 USW G-4		4078589.64	548937.63	3	1270.00				1.12E-06	0.00E+00				Laboratory	M		1.12E-06	0087	
517	40 USW GU-3		4074587.84	547555.67	4	1480.79	345.12	345.12		1.30E-07	0.00E+00		WTA		Laboratory	M		1.30E-07	0087	
518	40 USW GU-3		4074587.84	547555.67	4	1480.79	364.94	364.94		1.30E-06	0.00E+00		WTA		Laboratory	M		1.30E-06	0087	
519	40 USW GU-3		4074587.84	547555.67	4	1480.79	36.89	36.89		6.05E-08	0.00E+00		WTA		Laboratory	M		6.05E-08	0087	
520	40 USW GU-3		4074587.84	547555.67	4	1480.79	36.89	36.89		6.05E-08	0.00E+00		WTA		Laboratory	M		6.05E-08	0087	
521	40 USW GU-3		4074587.84	547555.67	4	1480.79	379.88	379.88		1.30E-07	0.00E+00		WTA		Laboratory	M		1.30E-07	0087	
522	40 USW GU-3		4074587.84	547555.67	4	1480.79	399.70	399.70		2.76E-04	0.00E+00		WTA		Laboratory	M		2.76E-04	0087	
523	40 USW GU-3		4074587.84	547555.67	4	1480.79	405.79	405.79		2.51E-02	0.00E+00		WTA		Laboratory	M		2.51E-02	0087	
524	40 USW GU-3		4074587.84	547555.67	4	1480.79	439.02	439.02		2.33E-02	0.00E+00		WTA		Laboratory	M		2.33E-02	0087	
525	40 USW GU-3		4074587.84	547555.67	4	1480.79	457.01	457.01		2.25E-03	0.00E+00		WTA		Laboratory	M		2.25E-03	0087	
526	40 USW GU-3		4074587.84	547555.67	4	1480.79	47.26	47.26		2.33E-07	0.00E+00		WTA		Laboratory	M		2.33E-07	0087	
527	40 USW GU-3		4074587.84	547555.67	4	1480.79	474.09	474.09		6.83E-03	0.00E+00		WTA		Laboratory	M		6.83E-03	0087	
528	40 USW GU-3		4074587.84	547555.67	4	1480.79	496.34	496.34		5.96E-04	0.00E+00		WTA		Laboratory	M		5.96E-04	0087	
529	40 USW GU-3		4074587.84	547555.67	4	1480.79	512.20	512.20		1.12E-04	0.00E+00		WTA		Laboratory	M		1.12E-04	0087	
530	40 USW GU-3		4074587.84	547555.67	4	1480.79	527.44	527.44		1.04E-04	0.00E+00		WTA		Laboratory	M		1.04E-04	0087	
531	40 USW GU-3		4074587.84	547555.67	4	1480.79	78.35	78.35		4.15E-04	0.00E+00		WTA		Laboratory	M		4.15E-04	0087	
532	40 USW GU-3		4074587.84	547555.67	4	1480.79	96.34	96.34		1.30E-07	0.00E+00		WTA		Laboratory	M		1.30E-07	0087	
533	40 USW GU-3		4074587.84	547555.67	4	1480.79	114.02	114.02		1.38E-01	0.00E+00		WTA		Laboratory	M		1.38E-01	0087	
534	40 USW GU-3		4074587.84	547555.67	4	1480.79	115.24	115.24		3.37E-02	0.00E+00		WTA		Laboratory	M		3.37E-02	0087	
535	40 USW GU-3		4074587.84	547555.67	4	1480.79	121.04	121.04		3.02E-02	0.00E+00		WTA		Laboratory	M		3.02E-02	0087	
536	40 USW GU-3		4074587.84	547555.67	4	1480.79	25.00	25.00		1.30E-07	0.00E+00		WTA		Laboratory	M		1.30E-07	0087	

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
537	40	USW GU-3	4074587.84	547555.67	4	1480.79				2.01E+03	0.00E+00		WTA			L		2.01E+03	0805	
538	40	USW GU-3	4074587.84	547555.67	4	1480.79	36.89	36.89		6.05E-07	0.00E+00		WTA		Laboratory	M		6.05E-07	2724	
539	40	USW GU-3	4074587.84	547555.67	4	1480.79	36.89	36.89		6.05E-07	0.00E+00		WTA		Laboratory	M		6.05E-07	2724	
540	40	USW GU-3	4074587.84	547555.67	4	1480.79	178.35	178.35		1.21E-06	0.00E+00		WTA		Laboratory	M		1.21E-06	2724	
541	40	USW GU-3	4074587.84	547555.67	4	1480.79	209.45	209.45		1.04E-07	0.00E+00		WTA		Laboratory	M		1.04E-07	2724	
542	40	USW GU-3	4074587.84	547555.67	4	1480.79	269.51	269.51		6.22E-06	0.00E+00		WTA		Laboratory	M		6.22E-06	2724	
543	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1407.00	1829.00	422.00	2.25E-06	9.50E-04	7.68E-06	TCU	INJ	Papadopulos - Coop	M	9.50E-04	2.25E-06	0016	
544	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1621.00	1829.00	208.00	1.01E-06	2.10E-04		TCU	INJ	Papadopulos - Coop	M	2.10E-04	1.01E-06	0016	
545	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1407.00	1829.00	422.00	1.52E-05	6.41E-03		TCU	INJ	NUMERIC MODEL	M		1.52E-05	2725	0171/0827
546	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1621.00	1829.00	208.00	1.01E-05	2.10E-03		TCU	INJ	NUMERIC MODEL	M		1.01E-05	2725	0171/0827
547	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	697.00	10.00	1.20E-02	1.20E-01	1.65E+00	WTA	INJ	Papadopulos - Coop	M	1.20E-01	1.20E-02	0016	
548	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	572.00	688.00	116.00	1.35E+00	1.57E+02		WTA	PUMP	Cooper - Jacob	M	1.57E+02	1.35E+00	0016	
549	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	572.00	688.00	116.00	1.30E+00	1.51E+02		WTA	PUMP	Theis	M	1.51E+02	1.30E+00	0016	
550	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	572.00	688.00	116.00	1.58E+00	1.83E+02		WTA	REC	Cooper - Jacob	M	1.83E+02	1.58E+00	0016	
551	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	697.00	10.00	3.02E-02	3.02E-01		WTA	INJ	NUMERIC MODEL	M		3.02E-02	2725	0171/0827
552	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	572.00	688.00	116.00	1.44E+00	1.67E+02		WTA	PUMP	NUMERIC MODEL	M		1.44E+00	2725	0171/0827
553	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	572.00	688.00	116.00	2.85E+00	3.31E+02		WTA	REC	NUMERIC MODEL	M		2.85E+00	2725	0171/0827
554	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1200.00	1829.00	629.00	1.59E-05	1.00E-02	2.52E-03	WTA,TCU	INJ	Papadopulos - Coop	M	1.00E-02	1.59E-05	0016	
555	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	811.00	1829.00	1018.00	6.58E-06	6.70E-03		WTA,TCU	INJ	Papadopulos - Coop	M	6.70E-03	6.58E-06	0016	
556	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	926.00	1829.00	903.00	1.77E-06	1.60E-03		WTA,TCU	INJ	Papadopulos - Coop	M	1.60E-03	1.77E-06	0016	
557	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	1.40E-03	1.60E+00		WTA,TCU	PUMP	Cooper - Jacob	M	1.60E+00	1.40E-03	0016	
558	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	8.58E-04	9.80E-01		WTA,TCU	PUMP	Theis	M	9.80E-01	8.58E-04	0016	
559	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	5.69E-04	6.50E-01		WTA,TCU	PUMP	Cooper - Jacob	M	6.50E-01	5.69E-04	0016	
560	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	5.25E-04	6.00E-01		WTA,TCU	PUMP	Theis	M	6.00E-01	5.25E-04	0016	
561	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	3.59E-04	4.10E-01		WTA,TCU	REC	Cooper - Jacob	M	4.10E-01	3.59E-04	0016	
562	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	8.76E-04	1.00E+00		WTA,TCU	REC	Cooper - Jacob	M	1.00E+00	8.76E-04	0016	
563	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	1200.00	1829.00	629.00	1.01E-04	6.35E-02		WTA,TCU	INJ	NUMERIC MODEL	M		1.01E-04	2725	0171/0827
564	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	811.00	1829.00	1018.00	3.51E-05	3.57E-02		WTA,TCU	INJ	NUMERIC MODEL	M		3.51E-05	2725	0171/0827
565	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	926.00	1829.00	903.00	1.17E-05	1.06E-02		WTA,TCU	INJ	NUMERIC MODEL	M		1.17E-05	2725	0171/0827
566	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	4.32E-03	4.93E+00		WTA,TCU	PUMP	NUMERIC MODEL	M		4.32E-03	2725	0171/0827
567	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	9.94E-05	1.14E-01		WTA,TCU	PUMP	NUMERIC MODEL	M		9.94E-05	2725	0171/0827
568	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	1.30E-02	1.48E+01		WTA,TCU	REC	NUMERIC MODEL	M		1.30E-02	2725	0171/0827
569	51	USW H-1/Inst.	4079943.97	548721.42	3	1302.00	687.00	1829.00	1142.00	1.44E-02	1.65E+01		WTA,TCU	REC	NUMERIC MODEL	M		1.44E-02	2725	0171/0827
570	42	USW H-3	4075761.54	547536.65	3	1483.00	1126.00	1219.00	93.00	1.08E-04	1.00E-02	5.67E-03	TCU	INJ	Cooper - Jacob	M	1.00E-02	1.08E-04	0017	0172
571	42	USW H-3	4075761.54	547536.65	3	1483.00	792.00	850.00	58.00	2.07E-02	1.20E+00		TCU	INJ	Papadopulos - Coop	M	1.20E+00	2.07E-02	0017	0172
572	42	USW H-3	4075761.54	547536.65	3	1483.00	851.00	917.00	66.00	3.03E-04	2.00E-02		TCU	INJ	Cooper - Jacob	M	2.00E-02	3.03E-04	0017	0172
573	42	USW H-3	4075761.54	547536.65	3	1483.00	1009.00	1060.00	51.00	3.92E-04	2.00E-02		WTA			L	2.00E-02	3.92E-04	0017	0172
574	42	USW H-3	4075761.54	547536.65	3	1483.00	1060.00	1083.00	23.00	3.48E-03	8.00E-02		WTA			L	8.00E-02	3.48E-03	0017	0172
575	42	USW H-3	4075761.54	547536.65	3	1483.00	1083.00	1106.00	23.00	8.70E-03	2.00E-01		WTA			L	2.00E-01	8.70E-03	0017	0172
576	42	USW H-3	4075761.54	547536.65	3	1483.00	1106.00	1108.00	2.00	1.00E-02	2.00E-02		WTA			L	2.00E-02	1.00E-02	0017	0172
577	42	USW H-3	4075761.54	547536.65	3	1483.00	1108.00	1114.00	6.00	6.67E-03	4.00E-02		WTA			L	4.00E-02	6.67E-03	0017	0172
578	42	USW H-3	4075761.54	547536.65	3	1483.00	1114.00	1116.00	2.00	1.00E-02	2.00E-02		WTA			L	2.00E-02	1.00E-02	0017	0172
579	42	USW H-3	4075761.54	547536.65	3	1483.00	1116.00	1120.00	4.00	5.00E-03	2.00E-02		WTA			L	2.00E-02	5.00E-03	0017	0172
580	42	USW H-3	4075761.54	547536.65	3	1483.00	1120.00	1120.00		2.00E-01	0.00E+00		WTA			L	7.00E-02	2.00E-01	0017	0172
581	42	USW H-3	4075761.54	547536.65	3	1483.00	1120.00	1198.00	78.00	2.56E-04	2.00E-02		WTA			L	2.00E-02	2.56E-04	0017	0172
582	42	USW H-3	4075761.54	547536.65	3	1483.00	1198.00	1201.00	3.00	6.67E-03	2.00E-02		WTA			L	2.00E-02	6.67E-03	0017	0172
583	42	USW H-3	4075761.54	547536.65	3	1483.00	1201.00	1219.00	18.00	1.11E-03	2.00E-02		WTA			L	2.00E-02	1.11E-03	0017	0172
584	42	USW H-3	4075761.54	547536.65	3	1483.00	792.00	800.00	8.00	2.50E-03	2.00E-02		WTA			L	2.00E-02	2.50E-03	0017	0172
585	42	USW H-3	4075761.54	547536.65	3	1483.00	800.00	809.00	9.00	2.22E-03	2.00E-02		WTA			L	2.00E-02	2.22E-03	0017	0172
586	42	USW H-3	4075761.54	547536.65	3	1483.00	809.00	823.00	14.00	2.14E-02	3.00E-01		WTA			L	3.00E-01	2.14E-02	0017	0172
587	42	USW H-3	4075761.54	547536.65	3	1483.00	823.00	832.00	9.00	3.33E-02	3.00E-01		WTA			L	3.00E-01	3.33E-02	0017	0172
588	42	USW H-3	4075761.54	547536.65	3	1483.00	832.00	832.00		7.00E-02	0.00E+00		WTA			L	4.00E-02	7.00E-02	0017	0172
589	42	USW H-3	4075761.54	547536.65	3	1483.00	832.00	839.00	7.00	2.86E-03	2.00E-02		WTA			L	2.00E-02	2.86E-03	0017	0172
590	42	USW H-3	4075761.54	547536.65	3	1483.00	839.00	840.00	1.00	2.00E-02	2.00E-02		WTA			L	2.00E-02	2.00E-02	0017	0172
591	42	USW H-3	4075761.54	547536.65	3	1483.00	840.00	841.00	1.00	4.00E-02	4.00E-02		WTA			L	4.00E-02	4.00E-02	0017	0172
592	42	USW H-3	4075761.54	547536.65	3	1483.00	841.00	847.00	6.00	3.33E-03	2.00E-02		WTA			L	2.00E-02	3.33E-03	0017	0172
593	42	USW H-3	4075761.54	547536.65	3	1483.00	847.00	858.00	11.00	1.82E-03	2.00E-02		WTA			L	2.00E-02	1.82E-03	0017	0172
594	42	USW H-3	4075761.54	547536.65	3	1483.00	858.00	872.00	14.00	1.43E-03	2.00E-02		WTA			L	2.00E-02	1.43E-03	0017	0172
595	42	USW H-3	4075761.54	547536.65	3	1483.00	872.00	889.00	17.00	1.18E-03	2.00E-02		WTA			L	2.00E-02	1.18E-03	0017	0172
596	42	USW H-3	4075761.54	547536.65	3	1483.00	889.00	933.00	44.00	1.14E-03	5.00E-02		WTA			L	5.00E-02	1.14E-03	0017	0172
597	42	USW H-3	4075761.54	547536.65	3	1483.00	933.00	960.00	27.00	7.41E-04	2.00E-02		WTA			L	2.00E-02	7.41E-04	0017	0172
598	42	USW H-3	4075761.54	547536.65	3	1483.00	960.00	984.00	24.00	8.33E-04	2.00E-02		WTA			L	2.00E-02	8.33E-04	0017	0172
599	42	USW H-3	4075761.54	547536.65	3	1483.00	984.00	994.00	10.00	2.00E-03	2.00E-02		WTA			L	2.00E-02	2.00E-03	0017	0172
600	42	USW H-3	4075761.54	547536.65	3	1483.00	994.00	1009.00	15.00	1.33E-03	2.00E-02		WTA			L	2.00E-02	1.33E-03	0017	0172
601	42	USW H-3	4075761.54	547536.65	3	1483.00	911.00	972.00	61.00	4.92E-04	3.00E-02	8.56E-04	WTA	INJ	Cooper - Jacob	M	3.00E-02	4.92E-04	0017	0172
602	42	USW H-3	4075761.54	547536.65	3	1483.00	911.00	972.00	61.00	9.84E-04	6.00E-02		WTA	INJ	Cooper - Jacob	M	6.00E-02	9.84E-04	0017	0172
603	42	USW H-3	4075761.54	547536.65	3	1483.00	1063.00	1124.00	61.00	4.92E-04	3.00E-02	1.38E-03	WTA,TCU	INJ	Cooper - Jacob	M	3.00E-02	4.92E-04	0017	0172

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
604	42 USW	H-3	4075761.54	547536.65	3	1483.00	1063.00	1124.00	61.00	1.64E-03	1.00E-01		WTA,TCU	INJ	Cooper - Jacob	M	1.00E-01	1.64E-03	0017	0172
605	42 USW	H-3	4075761.54	547536.65	3	1483.00	972.00	1219.00	247.00	1.21E-04	2.99E-02		WTA,TCU	INJ	Cooper - Jacob	M	3.00E-02	1.21E-04	0017	0172
606	42 USW	H-3	4075761.54	547536.65	3	1483.00	972.00	1219.00	247.00	4.05E-04	1.00E-01		WTA,TCU	INJ	Cooper - Jacob	M	1.00E-01	4.05E-04	0017	0172
607	42 USW	H-3	4075761.54	547536.65	3	1483.00	822.00	1219.00	397.00	2.52E-03	1.00E+00		WTA,TCU	PUMP	Theis	H	1.00E+00	2.52E-03	0017	0172
608	42 USW	H-3	4075761.54	547536.65	3	1483.00	754.00	1219.00	465.00	8.60E-04	4.00E-01		WTA,TCU	PUMP	Cooper - Jacob	M	4.00E-01	8.60E-04	0017	0172
609	42 USW	H-3	4075761.54	547536.65	3	1483.00	754.00	1219.00	465.00	1.08E-03	5.00E-01		WTA,TCU	REC	Brown's Method	M	5.00E-01	1.08E-03	0017	0172
610	42 USW	H-3	4075761.54	547536.65	3	1483.00	1063.00	1124.00	61.00	1.64E-03	1.00E-01		WTA,TCU	SWAB	Cooper - Jacob	M	1.00E-01	1.64E-03	0017	0172
611	42 USW	H-3	4075761.54	547536.65	3	1483.00	792.00	1219.00	427.00	2.58E-03	1.10E+00		WTA,TCU	SWAB	Cooper - Jacob	M	1.10E+00	2.58E-03	0017	0172
612	43 USW	H-4	4077321.69	549194.66	3	1249.00	1181.00	1194.00	13.00	1.57E+00	2.04E+01	6.13E-01	TCU	PUMP	SEE COMMENTS	M	2.04E+01	1.57E+00	0108	0178
613	43 USW	H-4	4077321.69	549194.66	3	1249.00	1194.00	1213.00	19.00	6.84E-02	1.30E+00		TCU	PUMP	SEE COMMENTS	M	1.30E+00	6.84E-02	0108	0178
614	43 USW	H-4	4077321.69	549194.66	3	1249.00	1213.00	1219.00	6.00	2.67E-01	1.60E+00		TCU	PUMP	SEE COMMENTS	M	1.60E+00	2.67E-01	0108	0178
615	43 USW	H-4	4077321.69	549194.66	3	1249.00	561.00	584.00	23.00	5.00E-01	1.15E+01	6.33E-01	WTA	PUMP	SEE COMMENTS	M	1.15E+01	5.00E-01	0108	0178
616	43 USW	H-4	4077321.69	549194.66	3	1249.00	623.00	639.00	16.00	1.16E+00	1.86E+01		WTA	PUMP	SEE COMMENTS	M	1.86E+01	1.16E+00	0108	0178
617	43 USW	H-4	4077321.69	549194.66	3	1249.00	643.00	669.00	26.00	2.65E-01	6.90E+00		WTA	PUMP	SEE COMMENTS	M	6.90E+00	2.65E-01	0108	0178
618	43 USW	H-4	4077321.69	549194.66	3	1249.00	680.00	707.00	27.00	4.07E-02	1.10E+00		WTA	PUMP	SEE COMMENTS	M	1.10E+00	4.07E-02	0108	0178
619	43 USW	H-4	4077321.69	549194.66	3	1249.00	707.00	733.00	26.00	2.15E+00	5.59E+01		WTA	PUMP	SEE COMMENTS	M	5.59E+01	2.15E+00	0108	0178
620	43 USW	H-4	4077321.69	549194.66	3	1249.00	779.00	785.00	6.00	1.37E+00	8.20E+00		WTA	PUMP	SEE COMMENTS	M	8.20E+00	1.37E+00	0108	0178
621	43 USW	H-4	4077321.69	549194.66	3	1249.00	785.00	805.00	20.00	5.20E-01	1.04E+01		WTA	PUMP	SEE COMMENTS	M	1.04E+01	5.20E-01	0108	0178
622	43 USW	H-4	4077321.69	549194.66	3	1249.00	820.00	834.00	14.00	4.07E-01	5.70E+00		WTA	PUMP	SEE COMMENTS	M	5.70E+00	4.07E-01	0108	0178
623	43 USW	H-4	4077321.69	549194.66	3	1249.00	834.00	852.00	18.00	1.89E-01	3.40E+00		WTA	PUMP	SEE COMMENTS	M	3.40E+00	1.89E-01	0108	0178
624	43 USW	H-4	4077321.69	549194.66	3	1249.00	863.00	876.00	13.00	1.43E+00	1.86E+01		WTA	PUMP	SEE COMMENTS	M	1.86E+01	1.43E+00	0108	0178
625	43 USW	H-4	4077321.69	549194.66	3	1249.00	876.00	881.00	5.00	2.40E-01	1.20E+00		WTA	PUMP	SEE COMMENTS	M	1.20E+00	2.40E-01	0108	0178
626	43 USW	H-4	4077321.69	549194.66	3	1249.00	881.00	892.00	11.00	2.09E-01	2.30E+00		WTA	PUMP	SEE COMMENTS	M	2.30E+00	2.09E-01	0108	0178
627	43 USW	H-4	4077321.69	549194.66	3	1249.00	892.00	905.00	13.00	1.52E+00	1.98E+01		WTA	PUMP	SEE COMMENTS	M	1.98E+01	1.52E+00	0108	0178
628	43 USW	H-4	4077321.69	549194.66	3	1249.00	911.00	922.00	11.00	1.05E+00	1.16E+01		WTA	PUMP	SEE COMMENTS	M	1.16E+01	1.05E+00	0108	0178
629	43 USW	H-4	4077321.69	549194.66	3	1249.00	922.00	928.00	6.00	2.00E-01	1.20E+00		WTA	PUMP	SEE COMMENTS	M	1.20E+00	2.00E-01	0108	0178
630	43 USW	H-4	4077321.69	549194.66	3	1249.00	957.00	1003.00	46.00	3.04E-02	1.40E+00		WTA	PUMP	SEE COMMENTS	M	1.40E+00	3.04E-02	0108	0178
631	43 USW	H-4	4077321.69	549194.66	3	1249.00	519.00	1219.00	700.00	2.86E-01	2.00E+02	7.07E-01	WTA,TCU	PUMP	Cooper - Jacob	M	2.00E+02	2.86E-01	0108	0178
632	43 USW	H-4	4077321.69	549194.66	3	1249.00	519.00	1219.00	700.00	2.86E-01	2.00E+02		WTA,TCU	PUMP	Cooper - Jacob	M	2.00E+02	2.86E-01	0108	0178
633	43 USW	H-4	4077321.69	549194.66	3	1249.00	519.00	1219.00	700.00	1.13E+00	7.90E+02		WTA,TCU	REC	Cooper - Jacob	M	7.90E+02	1.13E+00	0108	0178
634	43 USW	H-4	4077321.69	549194.66	3	1249.00	519.00	1219.00	700.00	1.13E+00	7.90E+02		WTA,TCU	REC	Cooper - Jacob	M	7.90E+02	1.13E+00	0108	0178
635	49 USW	H-5	4078839.98	547675.52	3	1479.00	704.00	1219.00	515.00	6.99E-02	3.60E+01	9.05E-02	WTA	PUMP	Cooper - Jacob/The	M	3.60E+01	6.99E-02	0175	0013
636	49 USW	H-5	4078839.98	547675.52	3	1479.00	704.00	1219.00	515.00	1.11E-01	5.72E+01		WTA	REC	Cooper - Jacob/Thei	H	5.72E+01	1.11E-01	0175	0013
637	44 USW	H-6	4077805.21	543148.60	3	1302.00	1155.00	1220.00	65.00	4.62E-05	3.00E-03	4.62E-05	TCU	INJ	Cooper - Jacob	M	3.00E-03	4.62E-05	1548	0014
638	44 USW	H-6	4077805.21	543148.60	3	1302.00	581.00	607.00	26.00	1.15E-02	3.00E-01	1.14E-01	WTA	INJ	Cooper - Jacob	M	3.00E-01	1.15E-02	1548	0014
639	44 USW	H-6	4077805.21	543148.60	3	1302.00	606.00	640.00	34.00	1.47E-01	5.00E+00		WTA	INJ		L	5.00E+00	1.47E-01	1548	0014
640	44 USW	H-6	4077805.21	543148.60	3	1302.00	649.00	683.00	34.00	2.94E-04	1.00E-02		WTA	INJ	Cooper - Jacob	M	1.00E-02	2.94E-04	1548	0014
641	44 USW	H-6	4077805.21	543148.60	3	1302.00	649.00	683.00	34.00	5.88E-04	2.00E-02		WTA	INJ	Cooper - Jacob	L	2.00E-02	5.88E-04	1548	0014
642	44 USW	H-6	4077805.21	543148.60	3	1302.00	686.00	753.00	67.00	2.99E-03	2.00E-01		WTA	INJ	Cooper - Jacob	M	2.00E-01	2.99E-03	1548	0014
643	44 USW	H-6	4077805.21	543148.60	3	1302.00	753.00	787.00	34.00	1.47E-01	5.00E+00		WTA	INJ		L	5.00E+00	1.47E-01	1548	0014
644	44 USW	H-6	4077805.21	543148.60	3	1302.00	804.00	838.00	34.00	2.94E-03	1.00E-01		WTA	INJ	Cooper - Jacob	L	1.00E-01	2.94E-03	1548	0014
645	44 USW	H-6	4077805.21	543148.60	3	1302.00	835.00	869.00	34.00	5.88E-03	2.00E-01		WTA	INJ	Cooper - Jacob	L	2.00E-01	5.88E-03	1548	0014
646	44 USW	H-6	4077805.21	543148.60	3	1302.00	753.00	1220.00	467.00	1.63E-01	7.60E+01		WTA	PUMP	Cooper - Jacob	M	7.60E+01	1.63E-01	1548	0014
647	44 USW	H-6	4077805.21	543148.60	3	1302.00	671.00	1220.00	349.00	1.72E-04	6.00E-02		WTA,TCU	INJ	Cooper - Jacob	L	6.00E-02	1.72E-04	1548	0014
648	44 USW	H-6	4077805.21	543148.60	3	1302.00	526.00	1220.00	694.00	3.31E-01	2.30E+02		WTA,TCU	PUMP	Cooper - Jacob	L	2.30E+02	3.31E-01	1548	0014
649	44 USW	H-6	4077805.21	543148.60	3	1302.00	526.00	1220.00	694.00	3.46E-01	2.40E+02	7.31E-01	WTA,TCU	PUMP	Cooper - Jacob	M	2.40E+02	3.46E-01	1548	0014
650	44 USW	H-6	4077805.21	543148.60	3	1302.00	526.00	645.00	119.00	1.76E+00	2.10E+02		WTA,TCU	PUMP	Theis	L	2.10E+02	1.76E+00	1548	0014
651	44 USW	H-6	4077805.21	543148.60	3	1302.00	526.00	834.00	308.00	1.20E+00	3.70E+02		WTA,TCU	PUMP	Theis	M	3.70E+02	1.20E+00	1548	0014
652	35 USW	VH-1	4071717.22	539985.54	4	955.00	181.00	762.00	581.00	1.72E+00	1.00E+03	1.25E+00	WTA	PUMP	Ahrens and Others	M	1.00E+03	1.72E+00	0174	
653	35 USW	VH-1	4071717.22	539985.54	4	955.00	181.00	762.00	581.00	7.75E-01	4.50E+02		WTA	PUMP	Ahrens and Others	M	4.50E+02	7.75E-01	0174	
654		Virgin River USA 1-A	4057711.38	732904.72	5		3585.67	3600.91	15.24	4.27E-04	6.51E-03		LCA	DST	Horner	L	6.50E-03	4.27E-04	4923	1020
655	77	Water Well 2	4113499.02	581005.54	3	1362.81	777.44	1043.29	265.85	6.08E-02	1.62E+01	6.50E-02	LCA	PUMP	Cooper - Jacob	M	1.62E+01	6.08E-02	0100	
656	77	Water Well 2	4113499.02	581005.54	3	1362.81	777.44	1043.29	265.85	2.48E-01	6.58E+01		LCA	REC	Cooper - Jacob	M	6.58E+01	2.48E-01	0100	
657	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	2.09E-02	4.53E+00		LCA	Theis	Theis	M	4.53E+00	2.09E-02	IT files	USGS files
658	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	1.13E-02	2.46E+00		LCA	pump	Cooper - Jacob	L	2.46E+00	1.13E-02	IT files	USGS files
659	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	7.25E-02	1.57E+01		LCA	pump	Cooper - Jacob	M	1.57E+01	7.25E-02	IT files	USGS files
660	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	2.22E-02	4.81E+00		LCA	pump	Cooper - Jacob	M	4.81E+00	2.22E-02	IT files	USGS files
661	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	7.08E-02	1.54E+01		LCA	pump	Theis	M	1.54E+01	7.08E-02	IT files	USGS files
662	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	8.70E-03	1.89E+00		LCA	pump	Theis	L	1.89E+00	8.70E-03	IT files	USGS files
663	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	5.90E-03	1.28E+00		LCA	rec	Cooper - Jacob	L	1.28E+00	5.90E-03	IT files	USGS files
664	77	Water Well 2	4113499.02	581005.54	3	1362.81	823.17	1040.24	217.07	8.93E-02	1.94E+01		LCA	rec	Cooper - Jacob	M	1.94E+01	8.93E-02	IT files	USGS files
665	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	1.30E-01	7.13E+00		AA	PUMP	Theis	L	7.13E+00	1.30E-01	0754	92
666	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	9.62E-02	5.28E+00		AA	REC	Theis Recovery	L	5.28E+00	9.62E-02	0754	92
667	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	3.51E-01	1.93E+01	4.40E-01	AA	REC	Theis Recovery	M	1.93E+01	3.51E-01	0754	92
668	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	5.30E-01	2.91E+01		AA	PUMP	Theis	M	2.91E+01	5.30E-01	0754	92
669	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	3.49E-01	1.91E+01		AA	REC	Theis Recovery	M	1.91E+01	3.49E-01	0754	92
670	31	Water Well 5A	4070379.76	592977.99	4	942.99	212.50	267.38	54.88	5.32E-01	2.92E+01		AA	REC	Theis Recovery	M	2.92E+01	5.32E-01	0754	92

Rec #	Site ID	Site Name	utm_north	utm_east	DQD_F	LSE	TOI Depth	BOI Depth	Thickness	K	K x b = T	well_ave	HSU	test_type	analysis_meth	DQE_F	T	K	refer_doc	source_doc
671	36	Water Well 5B	4073118.22	591977.78	3	942.68	208.23	274.39	66.16	1.45E+00	9.57E+01	1.66E+00	AA	PUMP	Cooper - Jacob	M	9.57E+01	1.45E+00	0100	
672	36	Water Well 5B	4073118.22	591977.78	3	942.68	208.23	274.39	66.16	2.07E+00	1.37E+02		AA	REC	Cooper - Jacob	M	1.37E+02	2.07E+00	0100	
673	36	Water Well 5B	4073118.22	591977.78	3	942.68	213.41	274.39	60.98	1.52E+00	9.24E+01		AA	PUMP	Theis	M	9.24E+01	1.52E+00	0754	
674	36	Water Well 5B	4073118.22	591977.78	3	942.68	213.41	274.39	60.98	5.01E-01	3.06E+01		AA	PUMP	Theis	L	3.06E+01	5.01E-01	0754	
675	36	Water Well 5B	4073118.22	591977.78	3	942.68	213.41	274.39	60.98	3.12E-01	1.90E+01		AA	REC	Theis	L	1.90E+01	3.12E-01	0754	
676	34	Water Well 5C	4071748.99	592477.73	3	939.33	210.06	365.85	155.79	1.91E-01	2.98E+01	2.73E-01	AA	PUMP	Cooper - Jacob	H	2.98E+01	1.91E-01	0100	
677	34	Water Well 5C	4071748.99	592477.73	3	939.33	210.06	365.85	155.79	1.99E-01	3.11E+01		AA	PUMP	Cooper - Jacob	H	3.11E+01	1.99E-01	0100	
678	34	Water Well 5C	4071748.99	592477.73	3	939.33	210.06	365.85	155.79	1.36E-01	2.11E+01		AA	REC	Cooper - Jacob	L	2.11E+01	1.36E-01	0100	
679	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	3.41E-01	3.12E+01		AA	PUMP	Theis	M	3.12E+01	3.41E-01	0754	
680	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	3.06E-01	2.80E+01		AA	PUMP		M	2.80E+01	3.06E-01	0754	
681	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	4.63E-01	4.24E+01		AA	PUMP		M	4.24E+01	4.63E-01	0754	
682	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	9.64E-02	8.82E+00		AA	PUMP		M	8.82E+00	9.64E-02	0754	
683	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	1.14E-01	1.04E+01		AA	PUMP		M	1.04E+01	1.14E-01	0754	
684	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	2.92E-01	2.67E+01		AA	REC		M	2.67E+01	2.92E-01	0754	
685	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	8.42E-01	7.70E+01		AA	REC		M	7.70E+01	8.42E-01	0754	
686	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	1.12E-01	1.02E+01		AA	REC		M	1.02E+01	1.12E-01	0754	
687	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	3.86E-01	3.53E+01		AA	REC	Theis	M	3.53E+01	3.86E-01	0754	
688	34	Water Well 5C	4071748.99	592477.73	3	939.33	270.43	361.89	91.46	4.82E-02	4.41E+00		AA	REC	Theis	L	4.41E+00	4.82E-02	0754	
689	64	Water Well 8	4113274.02	563112.68	3	1736.28	695.12	1673.78	778.66	2.95E+00	2.30E+03		BAQ	PUMP		L	2.30E+03	2.95E+00	0018	
690	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.27E-03	4.50E+00	4.33E-03	BAQ	Pump	Theis	H	4.50E+00	4.27E-03	IT files	USGS files
691	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.27E-03	4.50E+00		BAQ	Pump	Theis	H	4.50E+00	4.27E-03	IT files	USGS files
692	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.65E-03	4.91E+00		BAQ	pump	Cooper - Jacob	M	4.91E+00	4.65E-03	IT files	USGS files
693	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.65E-03	4.91E+00		BAQ	pump	Cooper - Jacob	M	4.91E+00	4.65E-03	IT files	USGS files
694	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.07E-03	4.29E+00		BAQ	pump	Cooper - Jacob	H	4.29E+00	4.07E-03	IT files	USGS files
695	76	Water Well 8	4113274.02	563112.68	3	1736.28	619.21	1673.78	1054.57	4.07E-03	4.29E+00		BAQ	pump	Cooper - Jacob	H	4.29E+00	4.07E-03	IT files	USGS files
696	76	Water Well 8	4113274.02	563112.68	3	1736.28	325.00	619.21	294.21	3.91E+00	1.15E+03	7.42E+00	TBAQ,BAQ	PUMP	Cooper - Jacob	M	1.15E+03	3.91E+00	IT files	USGS files
697	76	Water Well 8	4113274.02	563112.68	3	1736.28	325.00	619.21	294.21	1.22E+01	3.60E+03		TBAQ,BAQ	PUMP	Theis	M	3.60E+03	1.22E+01	IT files	USGS files
698	76	Water Well 8	4113274.02	563112.68	3	1736.28	325.00	619.21	294.21	3.65E+00	1.07E+03		TBAQ,BAQ	PUMP	Theis	M	1.07E+03	3.65E+00	IT files	USGS files
699	76	Water Well 8	4113274.02	563112.68	3	1736.28	325.00	619.21	294.21	1.10E+01	3.24E+03		TBAQ,BAQ	PUMP	Cooper - Jacob	M	3.24E+03	1.10E+01	IT files	USGS files
700	76	Water Well 8	4113274.02	563112.68	3	1736.28	325.00	619.21	294.21	6.27E+00	1.85E+03		TBAQ,BAQ	rec	Cooper - Jacob	M	1.85E+03	6.27E+00	IT files	USGS files
701	54	Water Well C-1	4086102.38	588235.81	3	1195.43	469.51	503.05	33.54	2.22E+00	7.46E+01		LCA	PUMP		L	7.45E+01	2.22E+00	0100	
702	54	Water Well C-1	4086102.38	588235.81	3	1195.43	469.51	503.05	33.54	2.22E+00	7.46E+01		LCA	PUMP		L	7.45E+01	2.22E+00	0100	
703	54	Water Well C-1	4086102.38	588235.81	3	1195.43	469.51	503.05	33.54	2.22E+00	7.46E+01		LCA	PUMP		L	7.45E+01	2.22E+00	0100	
704	54	Water Well C-1	4086102.38	588235.81	3	1195.43	468.29	503.05	34.76	3.65E+00	1.27E+02		LCA	pump	Q/S	L	1.27E+02	3.65E+00	IT files	0100
705	54	Water Well C-1	4086102.38	588235.81	3	1195.43	468.29	503.05	34.76	5.44E-01	1.89E+01		LCA	pump	Cooper - Jacob	L	1.89E+01	5.44E-01	IT files	0100
706	88	WATERTOWN 1	4122436.70	605604.95	4	1353.60	149.39	204.27	54.88	4.19E-02	2.30E+00	4.19E-02	VU	pump	Cooper - Jacob	M	2.30E+00	4.19E-02	100	
707	88	WATERTOWN 1	4122436.70	605604.95	4	1353.60	149.39	204.27	54.88	4.53E-02	2.48E+00		VU			L	2.48E+00	4.53E-02	0100	
708	89	WATERTOWN 2	4122444.45	606420.68	4	1352.40	273.17	332.62	59.45	8.36E-02	4.97E+00		VU			L	4.97E+00	8.36E-02	0100	
709	93	WATERTOWN 3	4124240.18	603381.07	4	1355.79	32.62	113.11	80.49	5.17E+00	4.16E+02	4.38E+00	AA	REC	Cooper - Jacob	M	4.16E+02	5.17E+00	0100	
710	93	WATERTOWN 3	4124240.18	603381.07	4	1355.79	48.78	92.07	43.29	7.92E+00	3.43E+02		AA	PUMP		M	3.43E+02	7.92E+00	1473	
711	93	WATERTOWN 3	4124240.18	603381.07	4	1355.79	48.78	92.07	43.29	1.87E+00	8.10E+01		AA	PUMP	Cooper - Jacob	M	8.10E+01	1.87E+00	IT files	USGS files
712	93	WATERTOWN 3	4124240.18	603381.07	4	1355.79	48.78	92.07	43.29	1.87E+00	8.10E+01		AA	PUMP	Theis	M	8.10E+01	1.87E+00	IT files	USGS files
713	92	WATERTOWN 4	4124101.93	603062.20	4	1355.40	34.76	165.24	130.49	2.86E+00	3.73E+02		AA			L	3.73E+02	2.86E+00	0100	
714	39	WELL 1	4074403.10	597789.34	3	945.12	217.68	265.24	47.56	2.09E-01	9.94E+00		AA			L	9.94E+00	2.09E-01	0100	
715	105	WELL 10	4010178.87	556187.62	3	610.00	12.00	12.00		2.50E-04	0.00E+00		AA	INJ		L	2.50E-03	2.50E-04	0163	
716	105	WELL 10	4010178.87	556187.62	3	610.00	12.00	12.00		3.40E-03	0.00E+00		AA	INJ		L	3.40E-02	3.40E-03	0163	
717	107	WELL 14	4010266.03	555363.30	3	611.00	18.00	18.00		3.35E+00	0.00E+00	3.03E+00	AA	INJ		M	6.40E+01	3.35E+00	0163	
718	107	WELL 14	4010266.03	555363.30	3	611.00	18.00	18.00		2.70E+00	0.00E+00		AA	REC		M	4.35E+01	2.70E+00	0163	
719	61	WELL 3	4094553.48	583827.33	3	1210.06	513.72	548.78	35.06	6.01E-05	2.11E-03	1.13E-04	AA	PUMP	Cooper - Jacob	M	1.62E+01	4.61E-01	0100	
720	61	WELL 3	4094553.48	583827.33	3	1210.06	513.72	548.78	35.06	6.01E-05	2.11E-03		AA	REC	Cooper - Jacob	M	2.61E+01	7.44E-01	0100	
721	61	WELL 3	4094553.48	583827.33	4	1210.06	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	PUMP	Theis	M	1.57E+01	2.23E-01	0754	
722	61	WELL 3	4094553.48	583827.33	4	1210.06	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	PUMP	Theis	L	6.46E+00	9.21E-02	0754	
723	61	WELL 3	4094553.48	583827.33	4	1210.06	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	REC	Theis	M	1.24E+01	1.77E-01	0754	
724	61	WELL 3	4094553.48	583827.33	4	1210.06	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	REC	Theis	L	2.37E+00	3.38E-02	0754	
725	61	WELL 3	4094553.48	583827.33	4	1210.06	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	REC	Theis	M	9.00E+00	1.28E-01	0754	
726	61	WELL 3	4094553.48	583827.33	3	1209.45	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	PUMP	Cooper - Jacob	M	5.47E+00	7.80E-02	0902	
727	61	WELL 3	4094553.48	583827.33	3	1209.45	467.99	538.11	70.12	1.20E-04	8.42E-03		AA	REC	Cooper - Jacob	M	1.07E+01	1.52E-01	0902	
728	107	WELL 5	4010272.59	556386.71	3	610.00	11.00	11.00		4.50E-02	0.00E+00	2.93E-01	AA	INJ		M	3.80E-01	4.50E-02	0163	
729	107	WELL 5	4010272.59	556386.71	3	610.00	11.00	11.00		5.40E-01	0.00E+00		AA	REC		M	4.60E+00	5.40E-01	0163	
730	106	WELL 7	4010212.43	556611.76	3	610.00	6.00	6.00		1.20E+00	0.00E+00	1.20E+00	AA	INJ		M	3.20E+00	1.20E+00	0163	
731		White River Valley	4261206.53	664823.01	5		1368.55	1395.37	26.8224	2.67E-04	7.16E-03		LCA	DST	Homer	L	7.15E-03	2.67E-04	4923	1020
			(meters)	(meters)		(m)	(m)	(m)	(m)	(M/D)							(M**2/D)	(M/D)		

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