

Appendix A  
Summary of Hydraulic Conductivity Tests  
Layer S1

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
MW-13W	fractured sandstone/siltstone	585504.2	730303.9	153.03	10.00	25.00	143.03	128.03	S-1		CH-1 Drawdown Test	Hantush-Jacob	4.40E+00	6338.9	2.48E-03
MW-2W	fractured sandstone/siltstone	585799.6	730304.8	145.91	15.50	28.00	130.41	117.91	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	4.40E+00	6338.9	2.47E-03
MW-8W	Overburden	585893.0	730122.5	142.87	10.00	25.00	132.87	117.87	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	4.50E-01	648.4	1.20E-04
MW-61	fractured sandstone/siltstone	588766.1	729324.2	157.94	26.00	41.00	131.94	116.94	S-1		CH-1 Drawdown Test	Hantush-Jacob	3.60E-01	518.8	6.43E-05
MW-3W	Sand	585808.4	730120.8	147.23	16.00	31.00	131.23	116.23	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	3.60E-01	518.8	4.87E-05
MW-14W	Overburden	585962.4	730231.8	133.38	8.50	18.50	124.88	114.88	S-1		CH-1 Drawdown Test	Hantush-Jacob	3.00E-01	432.0	3.72E-05
MW-17AW	Assume unconsolidated	585909.5	730061.4	126.10	4.00	12.00	122.10	114.10	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	3.00E-01	432.0	3.72E-05
MW-229A	Assume unconsolidated	586100.4	730375.0	126.69	3.00	13.00	123.69	113.69	S-1		CH-1 Drawdown Test	Hantush	6.64E-01	956.2	7.35E-04
MW-10W	Overburden	585865.2	730053.2	145.01	18.50	33.50	126.51	111.51	S-1		CH-1 Drawdown Test	Hantush-Jacob	6.61E-01	951.4	7.39E-04
MW-24W	Assume unconsolidated	586050.9	729805.5	123.94	3.00	13.00	120.94	110.94	S-1		CH-1 Drawdown Test	Hantush-Jacob	3.92E-01	564.5	4.93E-05
MW-1A	Sand & Fractured Rock	586881.6	730105.0	120.23	1.50	9.50	118.73	110.73	S-1		CH-1 Drawdown Test	Hantush-Jacob	5.75E-01	827.7	6.43E-05
MW-23 W	Overburden	586154.9	729888.6	118.55	3.00	8.00	115.55	110.55	S-1		CH-1 Drawdown Test	Hantush-Jacob	2.90E+00	4181.8	4.25E-03
66RI-MW3	Assume unconsolidated	586674.6	730380.6	118.90	2.50	8.50	116.40	110.40	S-1		CH-1 Drawdown Test	Hantush	2.51E+00	3610.1	3.83E-03
MW-15W	Clay, Silt, Sand, & Sandstone	586007.2	730181.5	125.39	5.00	15.00	120.39	110.39	S-1		CH-1 Drawdown Test	Hantush-Jacob	3.89E+00	5598.7	1.07E-03
53RI-MW4	Assume unconsolidated	586028.9	730097.5	124.25	4.00	14.00	120.25	110.25	S-1		CH-1 Drawdown Test	Hantush-Jacob	3.47E+00	4998.2	8.35E-03
TW-154	fractured sandstone/siltstone	587779.4	728367.6	140.14	20.00	30.00	120.14	110.14	S-1		CH-1 Drawdown Test	Hantush	2.83E+00	4078.1	6.73E-03
66RI-MW7	Assume unconsolidated	586346.5	730204.1	119.65	2.00	10.00	117.65	109.65	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	2.80E+00	4036.3	6.84E-03
53RI-MW3	Assume unconsolidated	586113.9	730094.8	118.02	2.50	8.50	109.52	109.52	S-1		CH-1 Drawdown Test	Hantush-Jacob	2.00E+00	2877.1	7.08E-02
66RI-MW4	Assume unconsolidated	586648.3	730201.5	118.01	2.50	9.50	115.51	108.51	S-1		CH-1 Drawdown Test	Hantush-Jacob	2.78E+00	3998.9	1.96E-01
23RI-MW2	Assume unconsolidated	586479.7	729762.8	116.22	2.00	8.00	114.22	108.22	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	1.82E+01	26208.0	1.07E-02
66RI-MW5	Assume unconsolidated	586597.5	730080.7	115.90	2.00	8.00	113.90	107.90	S-1		CH-1 Drawdown Test	Moench	1.60E+01	22968.0	1.18E-02
53RI-MW2	Assume unconsolidated	586177.8	730190.6	117.75	2.00	10.00	115.75	107.75	S-1		CH-1 Drawdown Test	Hantush	4.41E+00	6344.6	3.00E-01
66RI-MW6	Assume unconsolidated	586467.9	730110.6	117.37	2.00	10.00	115.37	107.37	S-1		CH-1 Drawdown Test	Hantush-Wedge	4.29E+00	6176.2	3.10E-01
MW-32	Silt & Sand	586228.0	729759.9	118.77	2.00	12.00	116.77	106.77	S-1		CH-1 Drawdown Test	Hantush-Jacob	4.94E+00	7110.7	2.52E-02
MW-32	Silt & Sand	586228.0	729760.0	118.77	2.00	12.00	116.77	106.77	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	3.48E+00	5014.1	1.92E-02
138RI-MW1	Assume unconsolidated	586421.3	729771.3	114.74	2.00	8.00	112.74	106.74	S-1		CH-1 Drawdown Test	Neuman-Witherspoon	3.13E+00	4513.0	2.90E-03
186RI-MW4	Assume unconsolidated	586555.8	729663.7	114.97	1.50	8.50	113.47	106.47	S-1		CH-1 Drawdown Test	Hantush	3.13E+00	4511.5	2.90E-03
179RI-MW1	Assume unconsolidated	586504.3	730032.2	116.34	2.00	10.00	114.34	106.34	S-1		CH-1 Recovery Test	Hantush-wedge	1.75E+00	2524.3	2.03E-03
26RI-MW1	Assume unconsolidated	586300.2	729312.7	121.20	5.00	15.00	116.20	106.20	S-1		CH-1 Recovery Test	Hantush-Wedge	2.64E-01	380.0	1.38E-04
MW-259A	Sand & Weathered Bedrock	586239.9	729874.1	117.43	1.50	11.50	115.93	105.93	S-1		CH-1 Recovery Test	Hantush-Jacob	2.49E-01	357.8	1.26E-04
186RI-MW1	Assume unconsolidated	586258.9	729978.0	115.65	2.00	10.00	113.65	105.65	S-1		CH-1 Recovery Test	Hantush-wedge	2.99E-01	430.8	5.63E-05
186RI-MW2	Gravel, Sand, & Silt	586382.3	729891.2	115.65	2.00	10.00	113.65	105.65	S-1		CH-1 Recovery Test	Hantush-Jacob	2.84E-01	409.5	1.89E-05
MW-189A	Sand & Weathered Rock	588020.2	728975.0	119.35	4.00	14.00	115.35	105.35	S-1		CH-1 Recovery Test	Hantush-wedge	5.60E-01	805.8	9.41E-04
131RI-MW1	Assume unconsolidated	586589.3	729807.8	114.81	1.50	9.50	113.31	105.31	S-1		CH-1 Recovery Test	Hantush-Jacob	5.27E-01	758.9	8.69E-04
22RI-MW1	Assume unconsolidated	586562.7	729829.4	115.19	2.00	10.00	113.19	105.19	S-1		CH-1 Recovery Test	Moench (case 1)	5.07E-01	729.4	7.91E-04
MW-29	Sand, Silt, and Clay	586438.0	730566.0	119.17	4.00	14.00	115.17	105.17	S-1		CH-1 Recovery Test	Hantush-Jacob	4.45E-01	640.4	1.20E-04
MW-1	Silt, Sand, & Shale	586830.1	730109.6	119.24	4.30	14.30	114.94	104.94	S-1		CH-1 Recovery Test	Hantush-wedge	4.45E-01	640.4	1.20E-04
66RI-MW8	Assume unconsolidated	586221.8	730240.5	119.63	5.00	15.00	114.63	104.63	S-1		CH-16 Drawdown Test	Cooper Jacob	7.18E-02	103.4	1.67E-04
MW-226A	No Lithology	587112.2	729536.8	119.53	5.00	15.00	114.53	104.53	S-1		CH-16 Drawdown Test	Theis	1.20E+00	1728.0	1.40E-04
MW-80	Fine to coarse Sand, Gravel, & weathered rock	587905.2	729757.6	122.43	8.50	18.50	113.93	103.93	S-1		CH-16 Drawdown Test	Hantush-Jacob	5.74E-01	826.6	1.01E-04
MW-80	Overburden	587905.3	729757.7	122.43	8.50	18.50	113.93	103.93	S-1		CH-16 Drawdown Test	Cooper Jacob	3.70E-01	532.8	3.68E-04
ART-MW-2	Assume unconsolidated	587094.2	729381.3	117.89	4.00	14.00	113.89	103.89	S-1		CH-16 Drawdown Test	Cooper Jacob	4.05E-01	583.2	7.72E-04
MW-245	Overburden	586353.7	729652.4	116.86	3.00	13.00	113.86	103.86	S-1		CH-16 Drawdown Test	Cooper Jacob	5.08E-01	731.5	5.85E-04
MW-10	Sand & Fractured Rock	588022.7	729045.6	118.46	4.80	14.80	113.66	103.66	S-1		CH-16 Drawdown Test	Cooper Jacob	2.53E+00	3643.2	1.46E-03
MW-31	Silt & Sand	586509.5	729567.0	113.37	3.00	10.00	110.37	103.37	S-1		CH-16 Drawdown Test	Theis	8.35E-01	1202.4	1.82E-04
MW-4A	Assume unconsolidated	586682.4	729882.2	119.34	6.00	16.00	113.34	103.34	S-1		CH-16 Drawdown Test	Cooper Jacob	3.98E-01	573.1	2.29E-03
MW-190A	Silt & Sand	588051.2	728989.2	120.50	5.50	17.50	115.00	103.00	S-1		CH-16 Drawdown Test	Cooper-Jacob	3.25E-01	468.0	7.83E-01
MW-135	Assume unconsolidated	586789.4	729695.9	120.00	7.50	17.50	112.50	102.50	S-1		CH-16 Drawdown Test	Moench - Case 2	1.88E+00	2707.2	5.65E-04
ART-MW-3	Assume unconsolidated	587062.7	729385.9	117.84	4.00	15.00	113.84	102.84	S-1		CH-16 Drawdown Test	Cooper-Jacob	3.39E-01	488.2	1.78E-03
MW-13	Sand	587038.1	729332.4	116.44	4.30	14.30	112.14	102.14	S-1		CH-16 Drawdown Test	Cooper-Jacob	2.93E+00	4219.2	3.85E-02
MW-217	Clay, Sand, & Silt	587428.8	729402.6	119.14	7.00	17.00	112.14	102.14	S-1		CH-16 Drawdown Test	Cooper-Jacob	2.33E+00	3355.2	3.15E-02
MW-60B	Sand & Weathered Rock	588168.3	729553.9	132.06	15.00	30.00	117.06	102.06	S-1		CH-16 Pumping Test			913.6	1.40E-04
MW-60K	Sand & Weathered Bedrock	587819.2	729949.2	122.02	10.00	20.00	112.02	102.02	S-1		CH-16 Pumping Test			1110.3	1.24E-04
MW-152	Assume unconsolidated	587357.0	729403.2	118.95	7.00	17.00	111.95	101.95	S-1		CH-16 Pumping Test			818.9	9.55E-05
MW-152	No Lithology Recorded (overburden)	587356.9	729403.2	118.95	7.00	17.00	111.95	101.95	S-1		CH-16 Pumping Test			730.1	8.01E-05
MW-59	fractured sandstone/siltstone	587450.2	730138.5	127.40	10.50	25.50	116.90	101.90	S-1		CH-16 Pumping Test			1023.5	1.57E-04
MW-170	Overburden	587410.6	729374.6	118.85	7.00	17.00	111.85	101.85	S-1		CH-16 Pumping Test			2195.7	6.52E-04
MW-154	Assume unconsolidated	587428.0	729277.8	118.22	7.00	17.00	111.22	101.22	S-1		CH-16 Pumping Test			1838.1	3.94E-04
MW-58	fractured sandstone/siltstone	586874.7	730500.4	137.12	21.00	36.00	116.12	101.12	S-1		CH-16 Pumping Test			1055.2	2.38E-04
MW-19A	Assume unconsolidated	587874.6	728739.6	118.10	7.00	17.00	111.10	101.10	S-1		CH-16 Pumping Test			19004.1	3.73E-03
MW-19A	Assume unconsolidated	587874.7	728739.5	118.10	7.00	17.00	111.10	101.10	S-1		CH-16 Pumping Test			5910.5	8.61E-04
MW-60	Fine Sand & Silt & Weathered Rock	587966.2	729831.1	122.97	7.00	22.00	115.97	100.97	S-1		CH-16 Pumping Test			1038.5	2.96E-04
MW-60	Fine Sand & Silt & Weathered Rock	587966.2	729831.1	122.97	7.00	22.00	115.97	100.97	S-1		CH-16 Pumping Test			5819.9	1.44E-03
MW-203	Assume unconsolidated	588184.7	729913.1	125.97	10.00	25.00	115.97	100.97	S-1		CH-16 Pumping Test			2829.3	2.84E-03
MW-60	Fine Sand & Silt & Weathered Rock	587966.2	729831.1	122.97	7.00	22.00	115.97	100.97	S-1		CH-16 Pumping Test			773.9	2.90E-04
MW-60	Fine Sand & Silt & Weathered Rock	587966.3	729831.1	122.97	7.00	22.00	115.97	100.97	S-1		CH-16 Pumping Test			5785.2	4.34E-03

**Appendix A**  
**Summary of Hydraulic Conductivity Tests**  
**Layer S1**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
PZ-04	Silty Sand	587776.9	729626.3	111.30	0.50	10.50	110.80	100.80	S-1		CH-16 Pumping Test			5612.1	3.82E-03
MW-60J	Sand & Weathered Bedrock	588017.4	729822.2	124.31	8.80	23.80	115.51	100.51	S-1		CH-16 Pumping Test			10970.1	3.75E-03
MW-6W	fractured sandstone/siltstone	585754.3	730085.8	150.44	33.50	50.00	116.94	100.44	S-1		CH-16 Pumping Test			7245.4	4.65E-03
MW-39A	fractured sandstone/siltstone	587991.2	728901.9	118.81	13.50	18.50	105.31	100.31	S-1		CH-16 Pumping Test			4577.4	1.41E-03
MW-34	fractured sandstone/siltstone	588359.9	728965.5	149.71	29.40	49.40	120.31	100.31	S-1		CH-16 Pumping Test			9759.9	2.56E-03
MW-39A	Assume unconsolidated	587991.3	728901.8	118.81	13.50	18.50	105.31	100.31	S-1		CH-16 Pumping Test			4894.4	8.61E-11
MW-34	fractured sandstone/siltstone	588359.9	728965.6	149.71	29.40	49.40	120.31	100.31	S-1		CH-16 Pumping Test			2232.0	6.23E-03
MW-39A	fractured sandstone/siltstone	587991.2	728901.9	118.81	13.50	18.50	105.31	100.31	S-1		CH-16 Pumping Test			1509.9	1.52E-03
TW-154	fractured sandstone/siltstone	587779.4	728367.6	140.14	30.00	40.00	110.14	100.14	S-1		CH-16 Pumping Test			3596.7	1.84E-03
MW-186A	Sand	587075.8	729358.3	117.07	7.00	17.00	110.07	100.07	S-1		CH-16 Pumping Test			1222.8	1.35E-04
ART-MW-1	Assume unconsolidated	587122.1	729334.0	117.97	4.00	18.00	113.97	99.97	S-1		CH-16 Pumping Test			1840.6	3.11E-04
MW-21	Silt & Sand	587227.1	729206.7	114.79	5.00	15.00	109.79	99.79	S-1		CH-16 Pumping Test			2804.3	1.99E-02
MW-37	fractured sandstone/siltstone	588192.3	729149.0	134.73	20.00	35.00	114.73	99.73	S-1		CH-16 Pumping Test			3013.8	5.48E-03
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	28.00	38.00	109.61	99.61	S-1		CH-16 Pumping Test			463.6	2.08E-01
MW-137	Assume unconsolidated	586971.8	729542.7	118.54	12.30	19.00	106.24	99.54	S-1		CH-16 Pumping Test			2460.0	4.97E-04
ART-MW-4	Assume unconsolidated	587104.0	729311.0	117.50	4.00	18.00	113.50	99.50	S-1		CH-16 Pumping Test			313.0	9.94E-04
ART-MW-4	Overburden/fractured rock?	587104.1	729311.0	117.50	4.00	18.00	113.50	99.50	S-1		CH-16 Pumping Test			6185.5	7.87E-04
MW-136	Assume unconsolidated	586898.0	729586.0	118.45	9.00	19.00	109.45	99.45	S-1		CH-16 Pumping Test			625.6	6.75E-03
MW-168A	No Lithology	587322.2	729309.1	116.45	7.00	17.00	109.45	99.45	S-1		CH-16 Pumping Test			3074.5	9.50E-03
MW-39-1	Weathered Rock	587474.8	729782.5	120.52	11.20	21.20	109.32	99.32	S-1		CH-16 Pumping Test			2998.6	6.26E-03
MW-43	fractured sandstone/siltstone	586287.4	729302.8	123.77	14.50	24.50	109.27	99.27	S-1		CH-16 Pumping Test			20689.5	4.34E-02
MW-187	Silt, Sand, & Weathered Rock	587506.0	729142.5	117.00	4.00	18.00	113.00	99.00	S-1		CH-16 Pumping Test			6346.0	1.73E-02
MW-60F	Clay	588004.6	729806.1	123.98	10.00	25.00	113.98	98.98	S-1		CH-16 Pumping Test			3324.5	4.05E-03
SVE-2	fractured sandstone/siltstone	588004.3	729867.5	118.70	2.00	20.00	116.70	98.70	S-1		CH-16 Pumping Test			4088.9	1.61E-03
187RI-MW2	Weathered Rock	586570.0	729168.4	110.69	2.00	12.00	108.69	98.69	S-1		CH-16 Pumping Test			2929.4	9.55E-04
MW-166	No Lithology	587175.2	729296.3	115.69	7.00	17.00	108.69	98.69	S-1		CH-16 Pumping Test			2372.6	1.16E-02
MW-39-2A	Assume unconsolidated	587474.7	729728.3	120.04	11.50	21.50	108.54	98.54	S-1		CH-16 Pumping Test			2386.7	1.21E-02
MW-60M	Assume unconsolidated	587912.2	729820.5	123.54	10.00	25.00	113.54	98.54	S-1		CH-16 Pumping Test			3506.4	2.28E-02
MW-213B	fractured sandstone/siltstone	585877.0	728882.6	148.46	40.00	50.00	108.46	98.46	S-1		CH-16 Pumping Test			6064.4	5.74E-02
MW-60I	Sand & Weathered Bedrock	587979.6	729844.9	123.28	10.00	25.00	113.28	98.28	S-1		CH-16 Pumping Test			4368.4	3.70E-02
MW-60I	Sand/weathered sandstone/siltstone	587979.6	729844.9	123.28	10.00	25.00	113.28	98.28	S-1		CH-16 Pumping Test			1550.9	1.02E-02
MW-28	Weathered Rock	586448.2	729455.1	113.07	5.00	15.00	108.07	98.07	S-1		CH-16 Pumping Test			684.3	4.28E-03
190RI-MW1	Overburden & weathered sandstone/siltstone	586510.8	729362.2	111.31	3.30	13.30	108.01	98.01	S-1		CH-16 Pumping Test			9386.5	3.49E-03
SVE-3	Sand & Weathered Rock	588082.0	729088.3	118.91	3.00	21.00	115.91	97.91	S-1		CH-16 Pumping Test			11034.5	1.11E-02
MW-201A	Weathered & fractured sandstone/siltstone	588021.3	730011.2	122.69	10.00	25.00	112.69	97.69	S-1		CH-16 Pumping Test			2281.3	2.21E-03
MW-60H	Sand & Weathered Bedrock	587916.7	729886.9	122.69	10.00	25.00	112.69	97.69	S-1		CH-16 Pumping Test			1343.5	1.42E-04
MW-60H	Sand/weathered sandstone/siltstone	587916.7	729886.9	122.69	10.00	25.00	112.69	97.69	S-1		CH-16 Pumping Test			3278.0	6.67E-04
MW-60G	Sand & Weathered Bedrock	587901.0	729870.8	122.45	10.00	25.00	112.45	97.45	S-1		CH-16 Pumping Test			4746.0	5.11E-03
MW-60G	Sand/weathered sandstone/siltstone	587901.0	729870.8	122.45	10.00	25.00	112.45	97.45	S-1		CH-16 Pumping Test			4394.4	6.45E-03
MW-170	No Lithology Recorded (overburden)	587410.6	729374.6	118.85	7.00	17.00	107.40	97.40	S-1		CH-16 Pumping Test			2725.5	1.65E-03
MW-14A	Sand, Silt, & Gravel	587134.2	729232.3	114.59	7.50	17.50	107.09	97.09	S-1		CH-16 Pumping Test			2615.4	9.96E-04
MW-138	Assume unconsolidated	587583.7	728174.9	116.52	14.50	19.50	102.02	97.02	S-1		CH-16 Pumping Test			6326.2	6.20E-03
PZ-02	Sand, Silt, & weathered sandstone/siltstone	586629.3	728954.5	106.83	2.00	10.00	104.83	96.83	S-1		CH-16 Pumping Test			2556.3	8.34E-03
MW-60L	Sand, Clay, & weathered sandstone/siltstone	587864.6	729915.2	121.81	10.00	25.00	111.81	96.81	S-1	13.6900	Low Flow				
MW-199	Weathered sandstone/siltstone	587765.9	728548.3	118.75	12.00	22.00	106.75	96.75	S-1	3.4700	Low Flow				
MW-214A		586290.4	728476.4	121.74	20.00	25.00	101.74	96.74	S-1	0.7000	Low Flow				
MW-36	fractured sandstone/siltstone	584356.5	723994.3	146.67	30.00	50.00	116.67	96.67	S-1	4.2100	Low Flow				
187RI-MW1	Assume unconsolidated	586556.4	729325.5	110.94	4.30	14.30	106.64	96.64	S-1	3.3100	Low Flow				
MW-60C	Sand & Weathered Rock	587807.8	729921.0	121.59	10.00	25.00	111.59	96.59	S-1	0.2000	Low Flow				
MW-60E	Sand	587908.2	729762.2	122.54	11.00	26.00	111.54	96.54	S-1	0.5300	Low Flow				
MW-60E	Sand	587908.1	729762.0	122.54	11.00	26.00	111.54	96.54	S-1	0.4200	Low Flow				
190RI-MW2	Overburden & weathered sandstone/siltstone	586553.7	729057.6	108.79	2.30	12.30	106.49	96.49	S-1	3.0600	Low Flow				
TW-153	fractured sandstone/siltstone	586103.2	730363.3	126.40	20.00	30.00	106.40	96.40	S-1	4.4400	Low Flow				
MW-193	Sand	587412.4	729005.9	113.32	7.00	17.00	106.32	96.32	S-1	5.7800	Low Flow				
MW-158	Sand, Silt, & fractured sandstone/siltstone	586933.1	729086.3	112.79	6.50	16.50	106.29	96.29	S-1	3.1800	Low Flow				
MW-17	Sand	587075.8	729125.7	114.26	8.00	18.00	106.26	96.26	S-1	1.2800	Low Flow				
MW-194	Sand	587455.4	729073.8	114.12	8.00	18.00	106.12	96.12	S-1	8.1300	Low Flow				
MW-194	Sand	587455.4	729073.8	114.12	8.00	18.00	106.12	96.12	S-1	7.0200	Low Flow				
SVE-1	Sand & Weathered Rock	588044.3	729030.5	118.81	3.00	23.00	115.81	95.81	S-1	0.4000	Low Flow				
MW-60A	Silt & Sand	588080.1	729750.4	125.77	15.00	30.00	110.77	95.77	S-1	3.7800	Low Flow				
MW-196	Weathered Rock	587818.9	728552.8	118.73	13.00	23.00	105.73	95.73	S-1	0.1600	Low Flow				
MW-197	Weathered Rock	587793.3	728548.3	118.44	13.00	23.00	105.44	95.44	S-1	5.2600	Low Flow				
MW-184	fractured sandstone/siltstone	587366.8	729956.7	121.43	16.00	26.00	105.43	95.43	S-1	3.2800	Low Flow				
MW-139	Assume unconsolidated	587531.2	729063.0	114.90	9.50	19.50	105.40	95.40	S-1	4.3000	Low Flow				
MW-239		587731.1	729510.9	120.84	10.50	25.50	110.34	95.34	S-1	5.0600	Low Flow				

Appendix A  
Summary of Hydraulic Conductivity Tests  
Layer S1

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
MW-182	fractured sandstone/siltstone	587294.6	729889.1	121.32	16.00	26.00	105.32	95.32	S-1	7.6600	Low Flow				
MW-12	fractured sandstone/siltstone	588120.4	728879.3	145.13	15.00	50.00	130.13	95.13	S-1	18.9500	Low Flow				
MW-185	fractured sandstone/siltstone	587318.6	729972.1	121.00	16.00	26.00	105.00	95.00	S-1	8.3000	Low Flow				
MW-175	fractured sandstone/siltstone	587587.0	729581.1	119.94	15.00	25.00	104.94	94.94	S-1	0.7700	Low Flow				
MW-35	fractured sandstone/siltstone	584340.5	724163.1	144.72	30.00	50.00	114.72	94.72	S-1	0.3600	Low Flow				
MW-183	fractured sandstone/siltstone	587434.7	729896.7	121.72	17.00	27.00	104.72	94.72	S-1	0.0300	Low Flow				
MW-35	fractured sandstone/siltstone	588200.2	728946.2	144.72	30.00	50.00	114.72	94.72	S-1	0.9500	Low Flow				
MW-200	fractured sandstone/siltstone	587278.2	729679.5	120.58	16.00	26.00	104.58	94.58	S-1	0.3400	Low Flow				
MW-150	fractured sandstone/siltstone	587936.0	729105.3	121.45	17.00	27.00	104.45	94.45	S-1	0.2200	Low Flow				
MW-7B	Weathered Rock	586916.4	728620.1	109.42	5.00	15.00	104.42	94.42	S-1	0.8300	Low Flow				
MW-15A	Assume unconsolidated	587343.8	728836.9	109.24	5.00	15.00	104.24	94.24	S-1	6.7200	Low Flow				
MW-162	Weathered & fractured sandstone/siltstone	586721.9	729181.0	112.92	9.80	19.80	103.12	93.12	S-1	2.1500	Low Flow				
MW-160	Silt & Fractured Rock	586865.2	729103.7	112.90	9.80	19.80	103.10	93.10	S-1	11.9500	Low Flow				
MW-94	Fine Sand with Gravel & Clay & weathered rock	586800.9	728812.7	109.69	7.00	17.00	102.69	92.69	S-1	0.1400	Low Flow				
MW-192	Brown fine-medium Sand	587327.6	728871.8	110.08	8.00	18.00	102.08	92.08	S-1	3.7300	Low Flow				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	20.00	30.00	101.71	91.71	S-1	0.4800	Low Flow				
TW-135	fractured sandstone/siltstone	587766.5	728844.5	121.63	20.00	30.00	101.63	91.63	S-1	0.0700	Low Flow				
TW-151	fractured sandstone/siltstone	587962.5	729216.7	121.37	20.00	30.00	101.37	91.37	S-1	0.1100	Low Flow				
MW-155	Assume unconsolidated	587036.0	729152.2	114.30	8.00	23.00	106.30	91.30	S-1	0.0500	Low Flow				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	27.00	37.00	100.95	90.95	S-1	0.0900	Low Flow				
MW-156	Sand & Weathered Rock	587026.9	729122.4	112.87	7.00	22.00	105.87	90.87	S-1	0.2300	Low Flow				
MW-159	Weathered Rock	586967.7	729037.8	112.04	6.20	21.20	105.84	90.84	S-1	2.5700	Low Flow				
MW-25		587135.2	728402.6	103.75	3.00	13.00	100.75	90.75	S-1	0.0500	Low Flow				
TW-156	fractured sandstone/siltstone	587552.4	730069.3	120.58	20.00	30.00	100.58	90.58	S-1	0.0300	Low Flow				
TW-154	fractured sandstone/siltstone	587779.4	728367.6	140.14	40.00	50.00	100.14	90.14	S-1	0.0500	Low Flow				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	20.00	30.00	100.07	90.07	S-1	1.8700	Low Flow				
MW-2	fractured sandstone/siltstone	587103.0	729744.1	120.41	10.50	30.50	109.91	89.91	S-1	0.6500	Low Flow				
PZ-03	Sand, Silt, & weathered sandstone/siltstone	586756.6	728644.8	104.83	5.00	15.00	99.83	89.83	S-1	0.5200	Low Flow				
MW-92	Fine Sand with Gravel & Clay	586856.3	728820.6	108.23	8.50	18.50	99.73	89.73	S-1	2.1300	Low Flow				
MW-179	fractured sandstone/siltstone	587584.0	729768.1	114.64	17.00	25.00	97.64	89.64	S-1	0.8900	Low Flow				
ART-MW-5		587105.0	729363.9	118.07	24.00	29.00	94.07	89.07	S-1	0.4500	Low Flow				
MW-64	Weathered Sandstone	587227.7	728170.0	101.93	8.00	13.00	93.93	88.93	S-1	0.0800	Low Flow				
MW-7A	Silt, Sand, & Clay	587031.2	728496.4	104.32	5.50	15.50	98.82	88.82	S-1	0.0900	Low Flow				
MW-126	F-M Sand & Silt, Bottom 1 ft weathered sandstone	586853.6	728465.1	103.77	5.00	15.00	98.77	88.77	S-1	0.1300	Low Flow				
MW-1G	No Lithology	586784.5	728414.7	102.76	4.00	14.00	98.76	88.76	S-1	0.0600	Low Flow				
MW-8A	Assume unconsolidated	587630.3	728136.2	121.47	15.00	33.00	106.47	88.47	S-1	6.1600	Low Flow				
MW-262A	fractured sandstone/siltstone	587417.8	729372.6	118.63	20.50	30.50	98.13	88.13	S-1	0.2000	Low Flow				
MW-262A		587417.8	729372.6	118.63	20.50	30.50	98.13	88.13	S-1	0.3600	Low Flow				
MW-3G	No Lithology	586777.9	728354.0	102.06	4.00	14.00	98.06	88.06	S-1	2.4600	Low Flow				
MW-9A	fractured sandstone/siltstone	587701.1	728544.3	117.95	19.50	30.00	98.45	87.95	S-1	1.0800	Low Flow				
MW-102	Pea stone gravel bedding	587256.2	727920.5	100.82	8.00	13.00	92.82	87.82	S-1	0.6800	Low Flow				
MW-2G	No Lithology	586720.2	728355.3	101.66	4.00	14.00	97.66	87.66	S-1	2.8400	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	1.4000	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	0.6300	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	6.5900	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	1.0800	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	10.8100	Low Flow				
MW-6A	Clay & Shale	586759.5	728975.4	112.59	15.00	25.00	97.59	87.59	S-1	1.5800	Low Flow				
MW-105A	Fine to medium Sand	586769.4	728004.6	99.48	7.00	12.00	92.48	87.48	S-1	0.3900	Low Flow				
MW-180	fractured sandstone/siltstone	587495.1	729861.6	121.47	24.00	34.00	97.47	87.47	S-1	0.5500	Low Flow				
MW-68	Weathered Sandstone	587132.6	728183.8	100.05	11.00	13.00	89.05	87.05	S-1	0.3000	Low Flow				
TW-124	fractured sandstone/siltstone	586139.7	729460.3	126.98	30.00	40.00	96.98	86.98	S-1	0.6000	Low Flow				
MW-89	Fine to medium Sand	586766.4	728917.0	111.84	10.00	25.00	101.84	86.84	S-1	0.5000	Low Flow				
MW-178	fractured sandstone/siltstone	587599.1	729711.6	117.49	20.00	31.00	97.49	86.49	S-1	14.9300	Low Flow				
MW-5G	Assume unconsolidated	586837.6	728282.5	100.46	4.00	14.00	96.46	86.46	S-1	0.1000	Low Flow				
TW-153	fractured sandstone/siltstone	586103.2	730363.3	126.40	30.00	40.00	96.40	86.40	S-1	0.4800	Low Flow				
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	20.00	30.00	96.30	86.30	S-1	0.0900	Low Flow				
TW-140	fractured sandstone/siltstone	586918.9	729363.3	116.04	20.00	30.00	96.04	86.04	S-1	0.1200	Low Flow				
MW-12W	fractured sandstone/siltstone	585601.0	730014.0	147.85	40.00	62.00	107.85	85.85	S-1	0.2500	Low Flow				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	35.50	52.00	102.27	85.77	S-1	0.8300	Low Flow				
MW-18	Assume unconsolidated	587252.2	728417.9	104.30	9.00	19.00	95.30	85.30	S-1	3.8900	Low Flow				
MW-18	Sand	587252.3	728418.0	104.30	9.00	19.00	95.30	85.30	S-1	3.8900	Low Flow				
MW-33A	Assume unconsolidated	587193.0	728032.1	101.91	7.0	17.0	94.91	84.91	S-1	0.3300	Low Flow				
TW-141	fractured sandstone/siltstone	587183.1	729225.1	114.88	20.00	30.00	94.88	84.88	S-1	0.2100	Low Flow				
MW-209A	Overburden	586675.9	728173.9	102.84	8.00	18.00	94.84	84.84	S-1	3.3100	Low Flow				
MW-52	fractured sandstone/siltstone	586765.8	729111.9	114.81	20.00	30.00	94.81	84.81	S-1	4.2600	Low Flow				
MW-52		586765.8	729111.8	114.81	20.00	30.00	94.81	84.81	S-1	0.4300	Low Flow				
MW-52	fractured sandstone/siltstone	586765.8	729111.9	114.81	20.00	30.00	94.81	84.81	S-1	0.3900	Low Flow				
MW-52	fractured sandstone/siltstone	586765.8	729111.9	114.81	20.00	30.00	94.81	84.81	S-1	0.3100	Low Flow				
MW-52	fractured sandstone/siltstone	586765.8	729111.9	114.81	20.00	30.00	94.81	84.81	S-1	2.3900	Low Flow				
MW-52	fractured sandstone/siltstone	586765.8	729111.9	114.81	20.00	30.00	94.81	84.81	S-1	2.8100	Low Flow				

Appendix A  
Summary of Hydraulic Conductivity Tests  
Layer S1

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
MW-20	fractured sandstone/siltstone	587314.7	729933.8	120.74	11.00	36.00	109.74	84.74	S-1	4.0800	Low Flow				
MW-112	Fine Sand & Silt	587421.9	727449.2	96.66	7.00	12.00	89.66	84.66	S-1	0.5900	Low Flow				
MW-101	Weathered & fractured sandstone/siltstone	587311.2	727792.5	101.64	9.00	17.00	92.64	84.64	S-1	3.2000	Low Flow				
MW-65	Weathered Sandstone	587247.6	728130.1	102.37	8.00	18.00	94.37	84.37	S-1	0.3900	Low Flow				
MW-65	Weathered Sandstone	587247.6	728130.1	102.37	8.00	18.00	94.37	84.37	S-1	13.8700	Low Flow				
MW-242	Overburden & fractured sandstone/siltstone	587089.7	728363.3	103.31	9.00	19.00	94.31	84.31	S-1	4.4700	Low Flow				
MW-111	Fine-Coarse Sand	587335.3	727622.4	101.16	12.00	17.00	89.16	84.16	S-1	1.0400	Low Flow				
MW-219	Silt, Clay, & Weathered Bedrock	587295.6	728331.7	104.16	5.00	20.00	99.16	84.16	S-1	11.9500	Low Flow				
MW-125A	fractured sandstone/siltstone	587573.2	728643.1	117.15	23.00	33.00	94.15	84.15	S-1	7.1700	Low Flow				
MW-106A	Assume unconsolidated	587094.4	727971.4	97.08	8.00	13.00	89.08	84.08	S-1	1.7600	Low Flow				
MW-106A	Assume unconsolidated	587094.4	727971.4	97.08	8.00	13.00	89.08	84.08	S-1	2.3500	Low Flow				
MW-103A	fractured sandstone/siltstone	586910.1	728286.8	99.93	6.00	16.00	93.93	83.93	S-1	0.0300	Low Flow				
MW-5	Weathered Rock	586642.1	729359.3	113.64	13.00	30.00	100.64	83.64	S-1	1.7100	Low Flow				
MW-5	Weathered Rock	586642.1	729359.3	113.64	13.00	30.00	100.64	83.64	S-1	3.9700	Low Flow				
MW-5	Weathered Rock	586642.1	729359.3	113.64	13.00	30.00	100.64	83.64	S-1	3.8000	Low Flow				
MW-5	Weathered Rock	586642.1	729359.3	113.64	13.00	30.00	100.64	83.64	S-1	2.9200	Low Flow				
MW-104A	Assume unconsolidated	587022.3	728115.6	97.13	3.50	13.50	93.63	83.63	S-1	2.9900	Low Flow				
MW-104A	Fine Sand & Silt	587022.3	728115.5	97.13	3.50	13.50	93.63	83.63	S-1	17.1700	Low Flow				
MW-108A	Silt	587094.8	727639.8	95.56	7.00	12.00	88.56	83.56	S-1	0.6100	Low Flow				
MW-69	Assume unconsolidated	587087.7	728274.7	101.64	11.10	18.20	90.54	83.44	S-1	0.2900	Low Flow				
MW-69	Weathered Sandstone	587087.7	728274.7	101.64	11.10	18.20	90.54	83.44	S-1	2.1600	Low Flow				
TW-110	fractured sandstone/siltstone	587839.2	729795.9	123.01	30.00	40.00	93.01	83.01	S-1	0.3300	Low Flow				
MW-72	Assume unconsolidated	587159.5	728117.6	102.62	15.00	20.00	87.62	82.62	S-1	0.5100	Low Flow				
MW-72	Fine Sand & weathered siltstone	587159.5	728117.6	102.62	15.00	20.00	87.62	82.62	S-1	0.5600	Low Flow				
MW-46	fractured sandstone/siltstone	587931.0	727976.0	144.55	38.00	62.00	106.55	82.55	S-1	9.1500	Low Flow				
MW-46	fractured sandstone/siltstone	587931.1	727976.1	144.55	38.00	62.00	106.55	82.55	S-1	0.4300	Low Flow				
MW-225B	fractured sandstone/siltstone	587772.7	729578.1	122.15	30.00	40.00	92.15	82.15	S-1	2.2600	Low Flow				
MW-174	fractured sandstone/siltstone	587513.8	729572.9	120.01	28.00	38.00	92.01	82.01	S-1	7.4700	Low Flow				
MW-141	Assume unconsolidated	587574.5	7278860.0	109.94	18.00	28.00	91.94	81.94	S-1	0.3200	Low Flow				
TW-112	fractured sandstone/siltstone	587812.1	729392.7	121.84	30.00	40.00	91.84	81.84	S-1	1.8400	Low Flow				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	30.00	40.00	91.71	81.71	S-1	0.7900	Low Flow				
TW-135	fractured sandstone/siltstone	587766.5	729844.5	121.63	30.00	40.00	91.63	81.63	S-1	0.6400	Low Flow				
TW-148	fractured sandstone/siltstone	587462.1	728302.8	111.57	20.00	30.00	91.57	81.57	S-1	1.6700	Low Flow				
TW-151	fractured sandstone/siltstone	587962.5	729216.7	121.37	30.00	40.00	91.37	81.37	S-1	0.3800	Low Flow				
MW-44B	fractured sandstone/siltstone	586157.2	729459.3	126.13	35.00	45.00	91.13	81.13	S-1	1.7100	Low Flow				
MW-33	Assume unconsolidated	587198.4	723255.8	103.69	8.00	23.00	95.69	80.69	S-1	4.2200	Low Flow				
MW-33	Assume unconsolidated	587198.4	723255.8	103.69	8.00	23.00	95.69	80.69	S-1	2.9200	Low Flow				
MW-57	Assume unconsolidated	587368.0	727596.3	98.16	7.50	17.50	90.66	80.66	S-1	0.4400	Low Flow				
MW-62	Assume unconsolidated	587205.1	728213.9	101.66	16.00	21.00	85.66	80.66	S-1	2.6600	Low Flow				
TW-156	fractured sandstone/siltstone	587552.4	730069.3	120.58	30.00	40.00	90.58	80.58	S-1	1.0700	Low Flow				
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	26.50	44.00	98.01	80.51	S-1	1.0000	Low Flow				
MW-24	fractured sandstone/siltstone	587875.7	729720.2	122.46	22.00	42.00	100.46	80.46	S-1	2.5200	Low Flow				
MW-24	fractured sandstone/siltstone	587875.7	729720.2	122.46	22.00	42.00	100.46	80.46	S-1	2.7100	Low Flow				
MW-16AW	fractured sandstone/siltstone	586024.0	730104.0	124.36	24.00	44.00	100.36	80.36	S-1	17.7000	Low Flow				
MW-143	Assume unconsolidated	587604.0	727606.3	106.76	16.50	26.50	90.26	80.26	S-1	1.9900	Low Flow				
TW-154	fractured sandstone/siltstone	587779.4	728367.6	140.14	50.00	60.00	90.14	80.14	S-1	13.1400	Low Flow				
MW-167B	fractured sandstone/siltstone	587384.5	729270.4	117.10	27.00	37.00	90.10	80.10	S-1	12.8700	Low Flow				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	30.00	40.00	90.07	80.07	S-1	0.5900	Low Flow				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer S2**

Well ID	Screened Lithology	Eastings [ft-NA83]	Northings [ft-NA83]	Measuring Pt. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
MW-169B	fractured sandstone/siltstone	587267.1	729343.5	116.86	27.00	37.00	89.86	79.86	S-2	0.7600	Low Flow				
MW-168B	fractured sandstone/siltstone	587326.5	729306.5	116.79	27.00	37.00	89.79	79.79	S-2	0.7500	Low Flow				
MW-15B	fractured sandstone/siltstone	587339.9	728830.1	109.71	20.00	30.00	89.71	79.71	S-2	2.4000	Low Flow				
MW-181	fractured sandstone/siltstone	587379.3	729650.6	119.57	30.00	40.00	89.57	79.57	S-2	0.9500	Low Flow				
MW-3	fractured sandstone/siltstone	588532.2	728954.1	158.50	25.00	79.00	133.50	79.50	S-2	12.6500	Low Flow				
MW-40A	fractured sandstone/siltstone	587980.3	728897.0	118.45	19.00	39.00	99.45	79.45	S-2	0.0200	Low Flow				
MW-40A	fractured sandstone/siltstone	587980.3	728897.1	118.45	19.00	39.00	99.45	79.45	S-2	7.9100	Low Flow				
MW-40A	fractured sandstone/siltstone	587980.3	728897.0	118.45	19.00	39.00	99.45	79.45	S-2	5.4400	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	1.6200	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	0.2000	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	583071.3	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	7.8200	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	2.3800	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	2.3800	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	0.2300	Low Flow				
MW-7C	Weathered & fractured sandstone/siltstone	586922.5	728617.4	109.32	15.00	30.00	94.32	79.32	S-2	0.2900	Low Flow				
TW-149	fractured sandstone/siltstone	587425.3	728135.1	109.27	20.00	30.00	89.27	79.27	S-2	0.4300	Low Flow				
MW-73	Assume unconsolidated	587244.3	727970.1	101.16	12.00	22.00	89.16	79.16	S-2	5.0000	Low Flow				
MW-73	Weathered Rock	587244.4	727970.2	101.16	12.00	22.00	89.16	79.16	S-2	3.2600	Low Flow				
MW-186-2	fractured sandstone/siltstone	587069.2	729359.3	117.10	28.00	38.00	89.10	79.10	S-2	2.0500	Low Flow				
MW-170B	fractured sandstone/siltstone	587412.4	729358.9	118.93	30.00	40.00	88.93	78.93	S-2	0.1700	Low Flow				
MW-170B	fractured sandstone/siltstone	587412.4	729358.8	118.93	30.00	40.00	88.93	78.93	S-2	0.2100	Low Flow				
MW-131	fractured sandstone/siltstone	587994.8	727346.2	101.03	12.50	22.50	88.53	78.53	S-2	0.8800	Low Flow				
MW-70-3	Weathered Shale	586532.5	729148.3	109.69	10.50	31.20	99.19	78.49	S-2	8.3300	Low Flow				
ART-MW-6	fractured sandstone/siltstone	587090.2	729399.3	118.30	25.00	40.00	93.30	78.30	S-2	2.2600	Low Flow				
ART-MW-6	fractured sandstone/siltstone	587090.3	729399.2	118.30	25.00	40.00	93.30	78.30	S-2	3.2900	Low Flow				
MW-114	fractured sandstone/siltstone	588646.5	729160.4	158.19	60.00	80.00	98.19	78.19	S-2	5.3200	Low Flow				
MW-114	fractured sandstone/siltstone	588646.7	729160.5	158.19	60.00	80.00	98.19	78.19	S-2	3.7800	Low Flow				
MW-55	Assume unconsolidated	587314.4	727849.2	104.16	11.00	26.00	93.16	78.16	S-2	5.4500	Low Flow				
MW-55	fractured sandstone/siltstone	587314.3	727849.1	104.16	11.00	26.00	93.16	78.16	S-2	1.4100	Low Flow				
MW-128B	fractured sandstone/siltstone	587762.5	728791.0	117.83	30.00	40.00	87.83	77.83	S-2	4.9800	Low Flow				
MW-190B	fractured sandstone/siltstone	588093.9	728963.3	120.76	23.00	43.00	97.76	77.76	S-2	0.5500	Low Flow				
MW-33B	Assume unconsolidated	587194.6	728028.8	101.99	15.00	25.00	86.99	76.99	S-2	2.4400	Low Flow				
TW-124	fractured sandstone/siltstone	586139.7	729460.3	126.98	40.00	50.00	86.98	76.98	S-2	0.4100	Low Flow				
TW-144	fractured sandstone/siltstone	587658.7	728963.9	116.57	30.00	40.00	86.57	76.57	S-2	3.3100	Low Flow				
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	30.00	40.00	86.30	76.30	S-2	1.8100	Low Flow				
TW-132	fractured sandstone/siltstone	586197.7	730182.4	115.89	30.00	40.00	85.89	75.89	S-2	2.0900	Low Flow				
MW-9W	fractured sandstone/siltstone	585868.4	730050.7	145.45	51.30	70.00	94.15	75.45	S-2	2.7400	Low Flow				
TW-141	fractured sandstone/siltstone	587183.1	729225.1	114.88	30.00	40.00	84.88	74.88	S-2	3.5500	Low Flow				
MW-70-1	fractured sandstone/siltstone	586482.0	729150.0	110.17	10.50	35.40	99.67	74.77	S-2	3.7300	Low Flow				
MW-70-1	fractured sandstone/siltstone	586482.0	729150.0	110.17	10.50	35.40	99.67	74.77	S-2	0.6000	Low Flow				
MW-70-1	fractured sandstone/siltstone	586482.0	729150.0	110.17	10.50	35.40	99.67	74.77	S-2	0.8000	Low Flow				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	61.00	72.00	84.84	73.84	S-2	0.1200	Low Flow				
MW-145A	No Lithology	587435.1	727221.2	101.32	17.50	27.50	83.82	73.82	S-2	10.6700	Low Flow				
MW-234B	fractured sandstone/siltstone	587922.7	729806.9	123.37	40.00	50.00	83.37	73.37	S-2	0.0400	Low Flow				
TW-110	fractured sandstone/siltstone	587839.2	729795.9	123.01	40.00	50.00	83.01	73.01	S-2	0.6600	Low Flow				
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	55.00	65.00	82.61	72.61	S-2	0.5400	Low Flow				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	35.00	45.00	82.55	72.55	S-2	2.4200	Low Flow				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	40.00	50.00	82.23	72.23	S-2	5.3800	Low Flow				
TW-164	fractured sandstone/siltstone	585624.7	730436.9	153.91	72.00	82.00	81.91	71.91	S-2	9.9600	Low Flow				
TW-112	fractured sandstone/siltstone	587812.1	729392.7	121.84	40.00	50.00	81.84	71.84	S-2	7.8800	Low Flow				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	40.00	50.00	81.71	71.71	S-2	1.1100	Low Flow				
TW-135	fractured sandstone/siltstone	587766.5	729844.5	121.63	40.00	50.00	81.63	71.63	S-2	0.4300	Low Flow				
DW-1B	Sand, silt and weathered sandstone/siltstone	588850.4	727758.9	106.56	25.00	35.00	81.56	71.56	S-2	2.5900	Low Flow				
MW-214B	fractured sandstone/siltstone	586293.0	728487.6	121.45	40.00	50.00	81.45	71.45	S-2	1.8200	Low Flow				
MW-122	fractured sandstone/siltstone	588144.5	728328.8	151.42	60.00	80.00	91.43	71.43	S-2	0.4000	Low Flow				
MW-122	fractured sandstone/siltstone	588144.4	728328.8	151.42	60.00	80.00	91.43	71.43	S-2	0.4800	Low Flow				
TW-151	fractured sandstone/siltstone	587962.5	729216.7	121.37	40.00	50.00	81.37	71.37	S-2	1.6300	Low Flow				
MW-7W	fractured sandstone/siltstone	585889.3	730128.6	142.68	51.50	71.50	91.18	71.18	S-2	0.8400	Low Flow				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	40.00	50.00	80.60	70.60	S-2	3.6500	Low Flow				
MW-206B	fractured sandstone/siltstone	586092.5	729862.6	120.59	40.00	50.00	80.59	70.59	S-2	2.3900	Low Flow				
TW-130	fractured sandstone/siltstone	587523.7	727537.7	100.17	20.00	30.00	80.17	70.17	S-2	0.3800	Low Flow				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	40.00	50.00	80.07	70.07	S-2	0.1900	Low Flow				
MW-118	fractured sandstone/siltstone	588077.8	728461.3	149.72	60.00	80.00	89.72	69.72	S-2	0.3800	Low Flow				
MW-118	fractured sandstone/siltstone	588077.6	728461.2	149.72	60.00	80.00	89.72	69.72	S-2	2.2500	Low Flow				
MW-118	fractured sandstone/siltstone	588077.8	728461.3	149.72	60.00	80.00	89.72	69.72	S-2	0.4600	Low Flow				
MW-236B	fractured sandstone/siltstone	586507.2	727770.4	109.61	30.00	40.00	79.61	69.61	S-2	0.1100	Low Flow				
TW-149	fractured sandstone/siltstone	587425.3	728135.1	109.27	30.00	40.00	79.27	69.27	S-2	1.6900	Low Flow				
TW-142	fractured sandstone/siltstone	587190.8	728587.6	108.61	30.00	40.00	78.61	68.61	S-2	0.3800	Low Flow				
MW-171A	fractured sandstone/siltstone	587218.2	727431.5	103.26	25.00	35.00	78.26	68.26	S-2	0.5100	Low Flow				
MW-53	fractured sandstone/siltstone	586753.6	729000.0	112.91	25.00	45.00	87.91	67.91	S-2	2.4300	Low Flow				
MW-50	fractured sandstone/siltstone	586740.6	728992.8	112.75	25.00	45.00	87.75	67.75	S-2	0.0600	Low Flow				

Appendix A  
Summary of Hydraulic Conductivity Estimates  
Layer S2

Well ID	Screened Lithology	Easting [ft-NAED83]	Northing [ft-NAED83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft <sup>2</sup> /day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
MW-50	fractured sandstone/siltstone	586740.5	728992.8	112.75	25.00	45.00	87.75	67.75	S-2	8.2600	Low Flow				
MW-50	fractured sandstone/siltstone	586740.5	728992.8	112.75	25.00	45.00	87.75	67.75	S-2	2.3900	Low Flow				
MW-50	fractured sandstone/siltstone	586740.5	728992.8	112.75	25.00	45.00	87.75	67.75	S-2	0.9600	Low Flow				
MW-50	fractured sandstone/siltstone	586740.5	728992.8	112.75	25.00	45.00	87.75	67.75	S-2	0.3300	Low Flow				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	39.00	49.00	77.71	67.71	S-2	0.5000	Low Flow				
TW-124	fractured sandstone/siltstone	586139.7	729460.3	126.98	50.00	60.00	76.98	66.98	S-2	4.0200	Low Flow				
MW-76	fractured sandstone/siltstone	586751.3	728899.3	111.50	25.00	45.00	86.50	66.50	S-2	0.0300	Low Flow				
TW-153	fractured sandstone/siltstone	586103.2	730363.3	126.40	50.00	60.00	76.40	66.40	S-2	5.4000	Low Flow				
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	40.00	50.00	76.30	66.30	S-2	4.4800	Low Flow				
MW-71	fractured sandstone/siltstone	587130.3	728187.0	99.89	24.00	34.00	75.89	65.89	S-2	3.1800	Low Flow				
TW-132	fractured sandstone/siltstone	586197.7	730182.4	115.89	40.00	50.00	75.89	65.89	S-2	2.9700	Low Flow				
MW-71	fractured sandstone/siltstone	587130.2	728187.1	99.89	24.00	34.00	75.89	65.89	S-2	1.3700	Low Flow				
MW-115	fractured sandstone/siltstone	588353.4	728921.3	145.74	60.00	80.00	85.74	65.74	S-2	1.2300	Low Flow				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	50.00	60.00	75.68	65.68	S-2	0.1700	Low Flow				
MW-78	fractured sandstone/siltstone	586803.2	728873.7	110.71	25.00	45.00	85.71	65.21	S-2	1.8900	Low Flow				
MW-87	fractured sandstone/siltstone	586800.9	728844.2	110.11	25.00	45.00	85.11	65.11	S-2	0.2200	Low Flow				
MW-75	fractured sandstone/siltstone	587202.8	728040.0	100.98	26.00	36.00	74.98	64.98	S-2	3.0400	Low Flow				
MW-75	fractured sandstone/siltstone	587202.9	728040.1	100.98	26.00	36.00	74.98	64.98	S-2	0.6300	Low Flow				
MW-120	fractured sandstone/siltstone	588128.3	728225.4	144.94	30.00	80.00	114.94	64.94	S-2	1.4500	Low Flow				
MW-120	fractured sandstone/siltstone	587977.7	728039.0	144.94	30.00	80.00	114.94	64.94	S-2	0.5800	Low Flow				
TW-141	fractured sandstone/siltstone	587183.1	729225.1	114.88	40.00	50.00	74.88	64.88	S-2	1.6100	Low Flow				
MW-107	fractured sandstone/siltstone	587133.4	727711.0	97.82	23.00	33.00	74.82	64.82	S-2	9.3100	Low Flow				
MW-107	fractured sandstone/siltstone	587133.5	727711.0	97.82	23.00	33.00	74.82	64.82	S-2	2.4900	Low Flow				
TW-116	fractured sandstone/siltstone	587487.3	729067.6	114.60	40.00	50.00	74.60	64.60	S-2	4.1200	Low Flow				
MW-82	fractured sandstone/siltstone	586845.5	728843.9	109.34	25.00	45.00	84.34	64.34	S-2	0.3100	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	3.3500	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	0.7500	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.5	109.31	25.00	45.00	84.31	64.31	S-2	4.4600	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	0.5500	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	0.1100	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	6.4800	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	0.2600	Low Flow				
MW-22A	fractured sandstone/siltstone	586803.5	728799.6	109.31	25.00	45.00	84.31	64.31	S-2	0.4600	Low Flow				
MW-145B	fractured sandstone/siltstone	587430.1	727216.6	101.23	32.30	37.30	68.93	63.93	S-2	0.8000	Low Flow				
MW-106B	fractured sandstone/siltstone	587097.7	727960.4	97.11	24.00	34.00	73.11	63.11	S-2	0.5400	Low Flow				
MW-106B	Weathered & fractured sandstone/siltstone	587097.7	727960.4	97.11	24.00	34.00	73.11	63.11	S-2	2.4500	Low Flow				
MW-104B	fractured sandstone/siltstone	587026.2	728107.8	97.05	24.00	34.00	73.05	63.05	S-2	0.9100	Low Flow				
MW-104B	fractured sandstone/siltstone	587026.3	728108.0	97.05	24.00	34.00	73.05	63.05	S-2	0.6700	Low Flow				
TW-110	fractured sandstone/siltstone	587839.2	729795.9	123.01	50.00	60.00	73.01	63.01	S-2	0.6000	Low Flow				
MW-108B	fractured sandstone/siltstone	587100.2	727635.1	95.97	23.00	33.00	72.97	62.97	S-2	3.3600	Low Flow				
MW-108B	fractured sandstone/siltstone	587100.1	727635.2	95.97	23.00	33.00	72.97	62.97	S-2	0.3500	Low Flow				
MW-84	fractured sandstone/siltstone	586855.0	728815.3	107.97	25.00	45.00	82.97	62.97	S-2	0.3000	Low Flow				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	50.00	60.00	72.83	62.83	S-2	1.5700	Low Flow				
MW-74	fractured sandstone/siltstone	587157.7	728122.5	102.68	30.00	40.00	72.68	62.68	S-2	0.7000	Low Flow				
MW-74	fractured sandstone/siltstone	587157.8	728122.4	102.68	30.00	40.00	72.68	62.68	S-2	3.5600	Low Flow				
MW-74	fractured sandstone/siltstone	587157.7	728122.5	102.68	30.00	40.00	72.68	62.68	S-2	0.0800	Low Flow				
TW-112	fractured sandstone/siltstone	587812.1	729392.7	121.84	50.00	60.00	71.84	61.84	S-2	0.3000	Low Flow				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	50.00	60.00	71.71	61.71	S-2	0.7100	Low Flow				
TW-148	fractured sandstone/siltstone	587462.1	728302.8	111.57	40.00	50.00	71.57	61.57	S-2	0.5700	Low Flow				
MW-103B	fractured sandstone/siltstone	586914.6	728279.3	99.52	28.00	38.00	71.52	61.52	S-2	0.5000	Low Flow				
MW-103B	fractured sandstone/siltstone	586914.6	728279.3	99.52	28.00	38.00	71.52	61.52	S-2	7.3700	Low Flow				
TW-151	fractured sandstone/siltstone	587962.5	729167.7	121.37	50.00	60.00	71.37	61.37	S-2	1.3300	Low Flow				
TW-126	fractured sandstone/siltstone	5886495.9	728660.1	110.92	40.00	50.00	70.92	60.92	S-2	0.8200	Low Flow				
MW-63	fractured sandstone/siltstone	587207.6	728209.1	101.70	31.50	41.50	70.20	60.20	S-2	0.1400	Low Flow				
MW-63	fractured sandstone/siltstone	587207.6	728209.1	101.70	31.50	41.50	70.20	60.20	S-2	0.5900	Low Flow				
TW-130	fractured sandstone/siltstone	587523.7	727537.2	100.17	30.00	40.00	70.17	60.17	S-2	0.5300	Low Flow				
TW-154	fractured sandstone/siltstone	587779.4	728367.6	140.14	70.00	80.00	70.14	60.14	S-2	2.4600	Low Flow				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	50.00	60.00	70.07	60.07	S-2	3.0600	Low Flow				
MW-148A	Weathered & fractured sandstone/siltstone	587897.7	726943.9	87.32	17.60	27.60	69.72	59.72	S-2	0.2400	Low Flow				
MW-41	fractured sandstone/siltstone	587974.0	728897.4	118.35	38.70	48.70	79.65	69.65	S-2	0.6300	Low Flow				
MW-105B	fractured sandstone/siltstone	586765.0	727997.3	99.63	30.00	40.00	69.63	59.63	S-2	0.1900	Low Flow				
MW-105B	fractured sandstone/siltstone	586765.1	727997.4	99.63	30.00	40.00	69.63	59.63	S-2	13.0700	Low Flow				
TW-149	fractured sandstone/siltstone	587425.3	728135.1	109.27	40.00	50.00	69.27	59.27	S-2	4.9900	Low Flow				
DW-18	fractured sandstone/siltstone	589860.8	728448.3	132.10	63.00	73.00	69.10	59.10	S-2	0.3000	Low Flow				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	67.00	77.00	69.00	59.00	S-2	3.1800	Low Flow				
TW-143	fractured sandstone/siltstone	587190.8	728587.6	108.61	40.00	50.00	68.61	58.61	S-2	3.0200	Low Flow				
MW-172C	fractured sandstone/siltstone	587723.8	727935.0	138.01	60.00	80.00	78.01	58.01	S-2		MW-51 Drawdown	1.64E+00	2355.8	1.34E-05	
MW-128C	fractured sandstone/siltstone	587756.9	728782.4	117.90	50.00	60.00	67.90	57.90	S-2		MW-51 Drawdown	1.15E+00	1661.8	1.47E-04	
MW-124B	fractured sandstone/siltstone	587683.1	726964.9	91.62	24.00	34.00	67.62	57.62	S-2		MW-51 Drawdown	0.9	1350.6	2.09E-04	
MW-47	Sand, Silt, & weathered sandstone/siltstone	588291.2	726978.0	77.02	9.50	19.50	67.52	57.52	S-2		MW-51 Drawdown	5.84E-01	841.0	1.45E-04	
MW-227B	fractured sandstone/siltstone	587425.3	728135.1	109.27	42.00	52.00	67.27	57.27	S-2		MW-51 Drawdown	2.07E+00	2986.6	8.44E-04	
TW-153	fractured sandstone/siltstone	586103.2	730363.3	126.40	60.00	70.00	66.40	56.40	S-2		MW-51 Drawdown	7.91E-01	1138.9	3.29E-02	
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	50.00	60.00	66.30	56.30	S-2		MW-51 Drawdown	5.75E-01	827.4	2.02E-02	
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	62.00	72.00	65.95	55.95	S-2		MW-51 Drawdown	2.30E+00	3307.7	1.82E-03	
TW-132	fractured sandstone/siltstone	586197.7	730182.4	115.89	50.00	60.00	65.89	55.89	S-2		MW-51 Drawdown	1.05E+00	1513.4	1.30E-02	

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer S2**

Well ID	Screened Lithology	Easting [ft-NAVD83]	Northing [ft-NAVD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
TW-116	fractured sandstone/siltstone	587487.3	729067.6	114.60	50.00	60.00	64.60	54.60	S-2		MW-51 Drawdown		7.41E-01	1067.0	1.13E-02
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	84.00	95.00	65.32	54.32	S-2		MW-51 Drawdown		2.11E+00	3044.2	8.19E-03
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	84.00	95.00	65.32	54.32	S-2		MW-51 Drawdown		2.01E+00	2895.8	1.00E-01
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	81.00	92.00	64.84	53.84	S-2		MW-51 Drawdown		1.31E+00	1883.5	1.22E-01
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	81.00	92.00	64.84	53.84	S-2		MW-51 Drawdown		6.92E+00	9970.6	9.95E-05
MW-26A	fractured sandstone/siltstone	587122.7	728387.2	103.48	30.00	50.00	73.48	53.48	S-2		MW-51 Drawdown		6.65E+00	9573.1	8.84E-04
MW-26A	fractured sandstone/siltstone	587122.7	728387.2	103.48	30.00	50.00	73.48	53.48	S-2		MW-51 Drawdown		6.25E+00	8994.2	9.33E-04
MW-26A	fractured sandstone/siltstone	587122.7	728387.2	103.48	30.00	50.00	73.48	53.48	S-2	5.7900	Packer Injection				
MW-112B	fractured sandstone/siltstone	587415.4	727462.4	96.42	28.00	43.00	68.42	53.42	S-2	4.0000	Packer Injection				
MW-233C	fractured sandstone/siltstone	587886.4	729794.2	123.37	50.00	70.00	73.37	53.37	S-2	0.0040	Packer Injection				
TW-157	fractured sandstone/siltstone	588241.6	729650.4	133.19	70.00	80.00	63.19	53.19	S-2	0.0040	Packer Injection				
MW-171B	fractured sandstone/siltstone	587222.1	727422.9	103.16	40.00	50.00	63.16	53.16	S-2	19.4400	Packer Injection				
TW-110	fractured sandstone/siltstone	587839.2	729795.9	123.01	60.00	70.00	63.01	53.01	S-2	11.1900	Packer Injection				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	60.00	70.00	62.83	52.83	S-2	0.2000	Packer Injection				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	75.00	85.00	62.77	52.77	S-2	0.1600	Packer Injection				
TW-112	fractured sandstone/siltstone	587812.1	729392.7	121.84	60.00	70.00	61.84	51.84	S-2	20.5900	Packer Injection				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	60.00	70.00	61.71	51.71	S-2	14.9800	Packer Injection				
CH-12/DW-2	fractured sandstone/siltstone	588636.2	729143.7	158.59	96.00	107.00	62.59	51.59	S-2	0.5900	Packer Injection				
CH-12/DW-2	fractured sandstone/siltstone	588636.2	729143.7	158.59	96.00	107.00	62.59	51.59	S-2	0.4200	Packer Injection				
TW-148	fractured sandstone/siltstone	587462.1	728302.8	111.57	50.00	60.00	61.57	51.57	S-2	3.2100	Packer Injection				
MW-49	Weathered Rock	588079.4	726815.0	70.50	9.00	19.00	61.50	51.50	S-2	2.3600	Packer Injection				
TW-151	fractured sandstone/siltstone	587962.5	729216.7	121.37	60.00	70.00	61.37	51.37	S-2	10.9300	Packer Injection				
TW-126	fractured sandstone/siltstone	586495.9	728660.1	110.92	50.00	60.00	60.92	50.92	S-2	0.1099	Packer Injection				
TW-164	fractured sandstone/siltstone	585624.7	730436.9	153.91	93.00	103.00	60.91	50.91	S-2	0.2200	Packer Injection				
TW-156	fractured sandstone/siltstone	587552.4	730069.3	120.58	60.00	70.00	60.58	50.58	S-2	0.0350	Packer Injection				
TW-130	fractured sandstone/siltstone	587523.7	727537.2	100.17	40.00	50.00	60.17	50.17	S-2	4.5200	Packer Injection				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	60.00	70.00	60.07	50.07	S-2	7.4200	Packer Injection				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer S3**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
TW-149	fractured sandstone/siltstone	587425.3	727935.1	109.27	50.00	60.00	59.27	49.27	S-3	6.43	Packer injection				
TW-143	fractured sandstone/siltstone	587190.8	728587.6	108.61	50.00	60.00	58.61	48.61	S-3	11.13	Packer injection				
MW-44C	fractured sandstone/siltstone	586139.8	729460.3	126.98	60.00	80.00	66.98	46.98	S-3	7.80	Packer injection				
TW-124	fractured sandstone/siltstone	586139.7	729460.3	126.98	60.00	80.00	66.98	46.98	S-3	0.70	Packer injection				
TW-153	fractured sandstone/siltstone	587931.1	727996.8	126.40	70.00	80.00	56.40	46.40	S-3	0.55	Packer injection				
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	60.00	70.00	56.30	46.30	S-3	0.45	Packer injection				
TW-132	fractured sandstone/siltstone	586197.7	730182.4	115.89	60.00	70.00	55.89	45.89	S-3	0.36	Packer injection				
MW-146B	fractured sandstone/siltstone	587486.9	726751.7	102.20	42.00	57.00	60.20	45.20	S-3	11.30	Packer injection				
TW-116	fractured sandstone/siltstone	587487.3	729067.6	114.60	60.00	70.00	54.60	44.60	S-3	8.47	Packer Injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	95.00	106.00	54.32	43.32	S-3	0.50	Packer injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	95.00	106.00	54.32	43.32	S-3	0.45	Packer injection				
TW-110	fractured sandstone/siltstone	587839.2	729795.9	123.01	70.00	80.00	53.01	43.01	S-3	2.79	Packer injection				
MW-54	fractured sandstone/siltstone	586751.3	729002.0	112.92	50.00	70.00	62.92	42.92	S-3	1.90	Packer injection				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	92.00	103.00	53.84	42.84	S-3	0.07	Packer injection				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	92.00	103.00	53.84	42.84	S-3	0.04	Packer injection				
MW-113	fractured sandstone/siltstone	587891.7	729693.2	122.72	60.00	80.00	62.72	42.72	S-3	3.00	Packer injection				
MW-56	fractured sandstone/siltstone	586746.1	728986.9	112.69	50.00	70.00	62.69	42.69	S-3	2.68	Packer injection				
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	85.00	95.00	52.61	42.61	S-3	4.96	Packer injection				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	65.00	75.00	52.55	42.55	S-3	3.47	Packer injection				
MW-4N	fractured sandstone/siltstone	587908.3	726505.0	67.16	15.00	25.00	52.16	42.16	S-3	5.67	Packer injection				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	59.00	69.00	52.01	42.01	S-3	3.58	Packer Injection				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	84.00	94.00	52.00	42.00	S-3	16.27	Packer injection				
MW-214C	fractured sandstone/siltstone	586284.8	728469.5	121.87	60.00	80.00	61.87	41.87	S-3	11.63	Packer injection				
TW-112	fractured sandstone/siltstone	587812.1	729392.7	121.84	70.00	80.00	51.84	41.84	S-3	0.02	Packer injection				
MW-51	fractured sandstone/siltstone	586752.6	729011.2	111.79	50.00	70.00	61.79	41.79	S-3	0.43	Packer injection				
TW-142	fractured sandstone/siltstone	587649.5	729289.5	121.71	60.00	80.00	61.71	41.71	S-3	0.36	Packer injection				
TW-135	fractured sandstone/siltstone	587776.5	729844.5	121.63	70.00	80.00	51.63	41.63	S-3	2.43	Packer injection				
TW-148	fractured sandstone/siltstone	587462.1	728302.8	111.57	60.00	70.00	51.57	41.57	S-3	1.99	Packer injection				
MW-77	fractured sandstone/siltstone	586747.7	728896.7	111.56	50.00	70.00	61.56	41.56	S-3	1.87	Packer injection				
MW-225C	fractured sandstone/siltstone	587781.0	729594.9	121.39	60.00	80.00	61.39	41.39	S-3	1.63	Packer injection				
MW-228C	fractured sandstone/siltstone	587962.5	729216.7	121.37	60.00	80.00	61.37	41.37	S-3	0.20	Packer injection				
TW-151	fractured sandstone/siltstone	587962.5	729216.7	121.37	70.00	80.00	51.37	41.37	S-3	0.17	Packer injection				
TW-156	fractured sandstone/siltstone	587552.4	730069.3	120.58	70.00	80.00	50.58	40.58	S-3	0.95	Packer Injection				
MW-329C	fractured sandstone/siltstone	587241.9	728155.8	102.55	32	62	70.55	40.55	S-3	0.33	Packer injection				
MW-206C	fractured sandstone/siltstone	586105.2	729854.0	120.23	60.00	80.00	60.23	40.23	S-3	6.76	Packer injection				
CH-13	fractured sandstone/siltstone	588338.5	728935.2	146.13	96.00	106.00	50.13	40.13	S-3	5.30	Packer injection				
TW-155	fractured sandstone/siltstone	586549.3	730479.7	120.07	70.00	80.00	50.07	40.07	S-3	0.02	Packer injection				
MW-88	fractured sandstone/siltstone	586800.2	728841.6	109.91	50.00	70.00	59.91	39.91	S-3	0.01	Packer injection				
MW-79	fractured sandstone/siltstone	586799.2	728869.8	110.56	50.00	71.00	60.56	39.56	S-3	0.16	Packer Injection				
MW-330C	fractured sandstone/siltstone	587214.864	728150.646	101.535	32	62	69.535	39.535	S-3	0.12	Packer injection				
MW-226C	fractured sandstone/siltstone	587122.0	729545.4	119.35	60.00	80.00	59.35	39.35	S-3	24.95	Packer injection				
TW-149	fractured sandstone/siltstone	587425.3	728135.1	109.27	60.00	70.00	49.27	39.27	S-3	17.97	Packer injection				
CH-18	fractured sandstone/siltstone	587962.6	728026.9	145.26	95.00	106.00	50.26	39.26	S-3	5.14	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587931.1	727996.8	145.26	95.00	106.00	50.26	39.26	S-3	3.51	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587962.6	728026.9	145.26	95.00	106.00	50.26	39.26	S-3	11.40	Packer injection				
MW-83	fractured sandstone/siltstone	586842.9	728839.9	109.23	50.00	70.00	59.23	39.23	S-3	8.00	Packer injection				
MW-148B	fractured sandstone/siltstone	587907.2	726940.3	86.89	36.80	47.80	50.09	39.09	S-3	0.04	Packer injection				
TW-143	fractured sandstone/siltstone	587190.8	728587.6	108.61	60.00	70.00	48.61	38.61	S-3	0.02	Packer injection				
MW-116	fractured sandstone/siltstone	587951.6	728915.1	118.51	60.00	80.00	58.51	38.51	S-3	2.54	Packer injection				
MW-116	fractured sandstone/siltstone	587951.5	728915.0	118.51	60.00	80.00	58.51	38.51	S-3	2.01	Packer injection				
IW-4C	fractured sandstone/siltstone	587265.6	728167.5	103.02	35	65	68.02	38.02	S-3	70.48	Packer injection				
MW-211C	fractured sandstone/siltstone	587839.2	729795.9	123.01	70.00	85.00	53.01	38.01	S-3	54.00	Packer injection				
IW-5C	fractured sandstone/siltstone	587238.004	728226.929	102.529	35	65	67.53	37.53	S-3	0.25	Packer injection				
MW-186B	fractured sandstone/siltstone	587072.5	729353.0	117.09	70.00	80.00	47.09	37.09	S-3	0.19	Packer injection				
TW-133	fractured sandstone/siltstone	586133.5	730073.6	116.30	70.00	80.00	46.30	36.30	S-3	3.51	Packer injection				
MW-223C	fractured sandstone/siltstone	586197.7	730182.4	115.89	60.00	80.00	55.89	35.89	S-3	2.54	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	72.00	83.00	46.86	35.86	S-3	1.72	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	72.00	83.00	46.86	35.86	S-3	1.00	Packer injection				
TW-141	fractured sandstone/siltstone	587183.1	729225.1	114.88	70.00	80.00	44.88	34.88	S-3	0.98	Packer injection				
TW-116	fractured sandstone/siltstone	587487.3	729067.6	114.60	70.00	80.00	44.60	34.60	S-3	0.77	Packer injection				
MW-212C	fractured sandstone/siltstone	587487.3	729067.6	114.60	60.00	80.00	54.60	34.60	S-3	0.51	Packer injection				
CH-11	fractured sandstone/siltstone	587880.6	729676.2	122.79	78.00	89.00	44.79	33.79	S-3	0.01	Packer Injection				
CH-11/DW	fractured sandstone/siltstone	587880.6	729676.2	122.79	78.00	89.00	44.79	33.79	S-3	5.08	Packer injection				
CH-11/DW	fractured sandstone/siltstone	587880.6	729676.2	122.79	78.00	89.00	44.79	33.79	S-3	0.54	Packer injection				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	73.00	83.00	43.71	33.71	S-3	2.89	Packer injection				



**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer S3**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	81.00	91.00	43.51	33.51	S-3	1.30	Packer injection				
MW-121	fractured sandstone/siltstone	587690.2	727612.9	113.02	60.00	80.00	53.02	33.02	S-3	0.11	Packer injection				
TW-145	fractured sandstone/siltstone	587456.6	728954.7	112.95	70.00	80.00	42.95	32.95	S-3	0.26	Packer injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	106.00	117.00	43.32	32.32	S-3	0.02	Packer injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	106.00	117.00	43.32	32.32	S-3	0.02	Packer injection				
TW-148	fractured sandstone/siltstone	587462.1	728302.8	111.57	70.00	80.00	41.57	31.57	S-3	0.04	Packer injection				
MW-208C	fractured sandstone/siltstone	586495.9	728660.1	110.92	60.00	80.00	50.92	30.92	S-3	0.04	Packer injection				
TW-126	fractured sandstone/siltstone	586495.9	728660.1	110.92	60.00	80.00	50.92	30.92	S-3	0.00	Packer injection				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	86.00	96.00	40.64	30.64	S-3	0.00	Packer injection				
MW-117	fractured sandstone/siltstone	587296.7	728892.7	109.42	60.00	80.00	49.42	29.42	S-3	0.01	Packer injection				
MW-117	fractured sandstone/siltstone	587296.6	728892.7	109.42	60.00	80.00	49.42	29.42	S-3	0.01	Packer injection				
TW-149	fractured sandstone/siltstone	587425.3	728135.1	109.27	70.00	80.00	39.27	29.27	S-3	0.00	Packer injection				
TW-143	fractured sandstone/siltstone	587190.8	728587.6	108.61	70.00	80.00	38.61	28.61	S-3	0.53	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587931.1	727996.8	145.26	106.00	117.00	39.26	28.26	S-3	2.32	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587931.1	727996.8	145.26	106.00	117.00	39.26	28.26	S-3	1.80	Packer injection				
MW-216C	fractured sandstone/siltstone	587128.3	727023.6	107.80	60.00	80.00	47.80	27.80	S-3	0.84	Packer injection				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	85.00	95.00	36.52	26.52	S-3	0.64	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	73.00	84.00	36.30	25.30	S-3	0.10	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	73.00	84.00	36.30	25.30	S-3	0.06	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	83.00	94.00	35.86	24.86	S-3	4.02	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	83.00	94.00	35.86	24.86	S-3	3.31	Packer injection				
MW-25C	fractured sandstone/siltstone	587134.9	728394.1	103.70	60.00	80.00	43.70	23.70	S-3	0.50	Packer injection				
MW-48B	fractured sandstone/siltstone	588197.9	726748.7	68.52	35.00	45.00	33.52	23.52	S-3	0.00	Packer injection				
MW-171C	fractured sandstone/siltstone	587213.6	727441.6	103.44	60.00	80.00	43.44	23.44	S-3	0.07	Packer injection				
MW-215C	fractured sandstone/siltstone	586748.1	727501.7	103.44	60.00	80.00	43.44	23.44	S-3	0.05	Packer injection				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	80.00	90.00	32.83	22.83	S-3	6.51	Packer injection				
CH-12/DW	fractured sandstone/siltstone	588636.2	729143.7	158.59	125.00	136.00	33.59	22.59	S-3	5.62	Packer injection				
CH-12/DW	fractured sandstone/siltstone	588636.2	729143.7	158.59	125.00	136.00	33.59	22.59	S-3	0.95	Packer injection				
DW-3B	fractured sandstone/siltstone	587943.9	728010.5	144.58	112.00	122.00	32.58	22.58	S-3	0.26	Packer injection				
MW-119	fractured sandstone/siltstone	587224.1	728167.0	101.75	60.00	80.00	41.75	21.75	S-3	0.20	Packer injection				
MW-119	fractured sandstone/siltstone	587224.1	728167.1	101.75	60.00	80.00	41.75	21.75	S-3	0.04	Packer injection				
MW-119	fractured sandstone/siltstone	587224.1	728167.0	101.75	60.00	80.00	41.75	21.75	S-3	12.20	Packer injection				
MW-119	fractured sandstone/siltstone	587224.1	728167.0	101.75	60.00	80.00	41.75	21.75	S-3	6.84	Packer injection				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	91.00	101.00	31.23	21.23	S-3	0.01	Packer injection				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	90.00	100.00	31.18	21.18	S-3	0.03	Packer injection				
DW-2B	fractured sandstone/siltstone	588619.1	729154.6	157.15	126.00	136.00	31.15	21.15	S-3	0.00	Packer injection				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	92.00	102.00	30.83	20.83	S-3	0.45	Packer injection				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	90.00	100.00	30.60	20.60	S-3	155.29	Packer injection				
MW-221C	fractured sandstone/siltstone	587523.7	727537.2	100.17	60.00	80.00	40.17	20.17	S-3	151.81	Packer injection				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	81.00	91.00	30.01	20.01	S-3	5.11	Packer injection				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	116.00	127.00	29.84	18.84	S-3	4.05	Packer injection				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	116.00	127.00	29.84	18.84	S-3	8.85	Packer injection				
CH-9/DW	fractured sandstone/siltstone	586530.2	728779.6	108.77	80.00	91.00	28.77	17.77	S-3	5.65	Packer injection				
CH-9/DW	fractured sandstone/siltstone	586530.2	728779.6	108.77	80.00	91.00	28.77	17.77	S-3	49.53	Packer injection				
MW-104C	fractured sandstone/siltstone	587017.7	728125.7	97.58	60.00	80.00	37.58	17.58	S-3	38.74	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587962.6	728026.9	145.26	117.00	128.00	28.26	17.26	S-3	0.11	Packer injection				
CH-18/DW	fractured sandstone/siltstone	587962.6	728026.9	145.26	117.00	128.00	28.26	17.26	S-3	0.10	Packer injection				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	110.00	120.00	26.00	16.00	S-3	0.01	Packer injection				
CH-8/DW	fractured sandstone/siltstone	587027.6	729652.6	120.92	94.00	105.00	26.92	15.92	S-3	2.07	Packer injection				
CH-8/DW	fractured sandstone/siltstone	587027.6	729652.6	120.92	94.00	105.00	26.92	15.92	S-3	1.67	Packer injection				
IW-2C	fractured sandstone/siltstone	587227.782	728187.721	102.131	62	87	40.131	15.131	S-3	0.22	Packer injection				
MW-344C	fractured sandstone/siltstone	728150.284	728150.284	102.01	62	87	40.01	15.01	S-3	0.19	Packer injection				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	97.00	107.00	24.52	14.52	S-3	0.00	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	84.00	95.00	25.30	14.30	S-3	8.94	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	84.00	95.00	25.30	14.30	S-3	6.32	Packer injection				
TW-164	fractured sandstone/siltstone	585624.7	730436.9	153.91	130.00	140.00	23.91	13.91	S-3	2.06	Packer injection				
MW-332C	fractured sandstone/siltstone	587222.9	728124.1	101.82	63	88	38.82	13.82	S-3	1.53	Packer injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	125.00	136.00	24.32	13.32	S-3	8.97	Packer injection				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	125.00	136.00	24.32	13.32	S-3	7.04	Packer injection				
IW-3C	fractured sandstone/siltstone	587267.588	728159.836	102.999	65	90	37.999	12.999	S-3	2.63	Packer injection				
MW-140	fractured sandstone/siltstone	587728.0	727152.3	91.25	60.00	80.00	31.25	11.25	S-3	1.80	Packer injection				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	100.00	110.00	21.18	11.18	S-3	5.74	Packer injection				
MW-124C	fractured sandstone/siltstone	587683.4	726953.1	90.91	60.00	80.00	30.91	10.91	S-3	5.01	Packer injection				
DW-10	fractured sandstone/siltstone	587159.8	728460.0	104.76	85.00	95.00	19.76	9.76	S-3	0.69	Packer injection				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	109.00	119.00	18.95	8.95	S-3	0.56	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	90.00	101.00	19.30	8.30	S-3	1.98	Packer injection				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	90.00	101.00	19.30	8.30	S-3	0.34	Packer injection				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer S3**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
CH-11/DW	fractured sandstone/siltstone	587880.6	729676.2	122.79	105.00	116.00	17.79	6.79	S-3	0.27	Packer injection				
CH-11/DW	fractured sandstone/siltstone	587880.6	729676.2	122.79	105.00	116.00	17.79	6.79	S-3	3.82	Packer injection				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	110.00	120.00	16.64	6.64	S-3	3.05	Packer injection				
CH-2/DW	fractured sandstone/siltstone	586515.4	730464.3	121.27	100.00	116.00	21.27	5.27	S-3	3.01	Packer injection				
CH-2/DW	fractured sandstone/siltstone	586515.4	730464.3	121.27	100.00	116.00	21.27	5.27	S-3	2.12	Packer injection				
CH-2/DW	fractured sandstone/siltstone	586515.4	730464.3	121.27	100.00	116.00	21.27	5.27	S-3	3.70	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	104.00	115.00	14.86	3.86	S-3	2.48	Packer injection				
CH-7/DW	fractured sandstone/siltstone	587796.6	728561.4	118.86	104.00	115.00	14.86	3.86	S-3	5.53	Packer injection				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	124.00	134.00	13.77	3.77	S-3	4.26	Packer injection				
DW-11	fractured sandstone/siltstone	586905.2	727701.1	103.34	90.00	100.00	13.34	3.34	S-3	10.17	Packer injection				
DW-11B	fractured sandstone/siltstone	586764.1	727529.9	103.08	90.00	100.00	13.08	3.08	S-3	7.74	Packer injection				
CH-9/DW	fractured sandstone/siltstone	586530.2	728779.6	108.77	95.00	106.00	13.77	2.77	S-3	2.43	Packer injection				
CH-9/DW	fractured sandstone/siltstone	586530.2	728779.6	108.77	95.00	106.00	13.77	2.77	S-3	2.14	Packer injection				
MW-258C	fractured sandstone/siltstone	587287.2	726067.9	132.76	105.00	130.00	27.76	2.76	S-3	24.19	Packer Test				
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	113.00	123.00	11.51	1.51	S-3	18.29	Packer Test				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	112.00	122.00	10.23	0.23	S-3	17.42	Packer Test				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D1**

Well ID	Screened Lithology	Easting (ft-NAED83)	Northing (ft-NAED83)	Measuring Pr. Elevation (ft-NAVD88)	Open Interval Top (ft-bgs)	Open Interval Bottom (ft-bgs)	Open Interval Top Elevation (ft-NAVD88)	Open Interval Bottom Elevation (ft-NAVD88)	Zones	Hydraulic Conductivity K (ft/day)	Type of Test	Analytical Method	Transmissivity (ft <sup>2</sup> /min)	Transmissivity (ft <sup>2</sup> /d)	Storativity
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	108.00	118.00	9.55	-0.45	D-1	0.1100	Packer Test				
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	131.00	141.00	6.61	-3.39	D-1	0.0700	Packer Test				
DW-8A	fractured sandstone/siltstone	587898.6	729677.8	122.51	116.00	126.00	6.51	-3.49	D-1	0.4800	Packer Test				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	139.00	150.00	6.84	-4.16	D-1	0.3600	Packer Test				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	139.00	150.00	6.84	-4.16	D-1	1.1200	Packer Test				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	120.00	130.00	5.68	-4.32	D-1	0.7800	Packer Test				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	109.00	120.00	5.57	-5.43	D-1	10.9300	Packer Test				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	109.00	120.00	5.57	-5.43	D-1	3.5400	Packer Test				
MW-149	fractured sandstone/siltstone	588285.1	726910.5	74.14	60.00	80.00	14.14	-5.86	D-1	2.3200	Packer Test				
DW-5	fractured sandstone/siltstone	588261.5	729418.3	138.14	135.00	145.00	3.14	-6.86	D-1	13.6100	Packer Test				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	110.00	120.00	2.83	-7.17	D-1	11.5200	Packer Test				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	142.00	153.00	3.26	-7.74	D-1	11.4900	Packer Test				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	142.00	153.00	3.26	-7.74	D-1	9.2200	Packer Test				
DW-5B	fractured sandstone/siltstone	588270.7	729433.4	138.14	136.00	146.00	2.14	-7.86	D-1	0.0075	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	116.00	127.00	2.86	-8.14	D-1	9.3300	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	116.00	127.00	2.86	-8.14	D-1	4.7600	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	115.00	131.00	6.27	-9.73	D-1	0.0014	Packer withdrawal				
CH-12/DW-2	fractured sandstone/siltstone	588636.2	729143.7	158.59	158.00	169.00	0.59	-10.41	D-1	0.0008	Packer withdrawal				
CH-12/DW-2	fractured sandstone/siltstone	588636.2	729143.7	158.59	158.00	169.00	0.59	-10.41	D-1	0.0001	Packer withdrawal				
MW-48C	fractured sandstone/siltstone	588180.8	726738.2	68.15	60.00	80.00	8.15	-11.85	D-1	0.3550	Packer withdrawal				
DW-12A	fractured sandstone/siltstone	587042.0	729675.9	120.96	124.00	134.00	-3.04	-13.04	D-1	0.2330	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	126.00	136.00	-3.17	-13.17	D-1	0.0676	Packer withdrawal				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	140.00	150.00	-4.00	-14.00	D-1	0.0350	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	120.00	136.00	1.27	-14.73	D-1	0.0527	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	120.00	136.00	1.27	-14.73	D-1	0.0421	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	120.00	131.00	-5.43	-16.43	D-1	0.0328	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	120.00	131.00	-5.43	-16.43	D-1	0.0140	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	118.00	128.00	-6.99	-16.99	D-1	0.0012	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	115.00	126.00	-6.23	-17.23	D-1	0.0000	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	115.00	126.00	-6.23	-17.23	D-1	1.9530	Packer withdrawal				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	128.00	138.00	-7.40	-17.40	D-1	0.8752	Packer withdrawal				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	116.00	127.00	-6.70	-17.70	D-1	0.4110	Packer withdrawal				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	116.00	127.00	-6.70	-17.70	D-1	6.8700	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	153.00	164.00	-7.74	-18.74	D-1	1.4400	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	153.00	164.00	-7.74	-18.74	D-1	0.9600	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	128.00	139.00	-9.14	-20.14	D-1	0.0500	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	128.00	139.00	-9.14	-20.14	D-1	0.0296	Packer withdrawal				
DW-10	fractured sandstone/siltstone	587159.8	728460.0	104.76	115.00	125.00	-10.24	-20.24	D-1	0.0219	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	132.00	142.00	-10.48	-20.48	D-1	0.0192	Packer withdrawal				
DW-10B	fractured sandstone/siltstone	587173.6	728451.1	104.62	117.00	127.00	-12.38	-22.38	D-1	0.0120	Packer withdrawal				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	130.00	140.00	-13.29	-23.29	D-1	6.0300	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	135.00	146.00	-14.08	-25.08	D-1	2.2600	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	135.00	146.00	-14.08	-25.08	D-1	0.1310	Packer withdrawal				
DW-4	fractured sandstone/siltstone	587414.1	726814.0	104.17	120.00	130.00	-15.83	-25.83	D-1	0.0727	Packer withdrawal				
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	154.00	164.00	-16.39	-26.39	D-1	0.0034	Packer withdrawal				
DW-17	fractured sandstone/siltstone	588299.9	729625.6	75.26	94.00	104.00	-18.74	-28.74	D-1	17.9100	Packer withdrawal				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	157.00	167.00	-19.23	-29.23	D-1	0.0470	Packer withdrawal				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	141.00	151.00	-19.82	-29.82	D-1	0.0140	Packer withdrawal				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	149.00	159.00	-21.05	-31.05	D-1	0.0003	Packer withdrawal				
DW-18C	fractured sandstone/siltstone	589867.8	728459.0	132.40	151.00	166.00	-18.60	-33.60	D-1	0.1100	Packer Withdrawal				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	151.00	161.00	-25.32	-35.32	D-1	1.7180	Packer withdrawal				
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	151.00	161.00	-26.49	-36.49	D-1	0.1800	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	135.00	146.00	-26.23	-37.23	D-1	0.0840	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	135.00	146.00	-26.23	-37.23	D-1	0.4816	Packer withdrawal				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	150.00	160.00	-27.77	-37.77	D-1	0.0718	Packer withdrawal				
DW-4C	fractured sandstone/siltstone	587426.9	726800.2	104.20	117.00	142.00	-12.80	-37.80	D-1	0.0485	Packer withdrawal				
DW-4C	fractured sandstone/siltstone	587426.9	726800.2	104.20	117.00	142.00	-12.80	-37.80	D-1	0.0367	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	151.00	161.00	-28.17	-38.17	D-1	0.0200	Packer withdrawal				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	142.00	152.00	-29.17	-39.17	D-1	0.9585	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	141.00	151.00	-29.99	-39.99	D-1	2.3320	Packer withdrawal				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	130.00	150.00	-20.70	-40.70	D-1	0.8583	Packer withdrawal				
CH-15	fractured sandstone/siltstone	587286.8	728876.0	109.30	130.00	150.00	-20.70	-40.70	D-1	0.8139	Packer withdrawal				
CH-15	fractured sandstone/siltstone	587286.7	728876.0	109.011	80.00	150.00	29.01	-40.99	D-1	0.0243	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	176.00	187.00	-30.74	-41.74	D-1	24.5000	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	176.00	187.00	-30.74	-41.74	D-1	0.2440	Packer withdrawal				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	160.00	170.00	-33.36	-43.36	D-1	10.8200	Packer withdrawal				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D1**

Well ID	Screened Lithology	Easting (ft-NA83)	Northing (ft-NA83)	Measuring Pr. Elevation (ft-NAVD88)	Open Interval Top (ft-bgs)	Open Interval Bottom (ft-bgs)	Open Interval Top Elevation (ft-NAVD88)	Open Interval Bottom Elevation (ft-NAVD88)	Zones	Hydraulic Conductivity K (ft/day)	Type of Test	Analytical Method	Transmissivity (ft <sup>2</sup> /min)	Transmissivity (ft <sup>2</sup> /d)	Storativity
CH-6	fractured sandstone/siltstone	586904.4	728754.4	113.99	148.00	158.00	-34.01	-44.01	D-1	5.2600	Packer withdrawal				
DW-17C	fractured sandstone/siltstone	588315.3	726940.3	75.26	110.00	120.00	-34.74	-44.74	D-1	3.2180	Packer withdrawal				
DW-17	fractured sandstone/siltstone	588299.9	726925.6	75.26	110.00	120.00	-34.74	-44.74	D-1	3.1800	Packer withdrawal				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	153.00	163.00	-35.45	-45.45	D-1	1.7640	Packer withdrawal				
TW-164	fractured sandstone/siltstone	585624.7	730436.9	153.91	190.00	200.00	-36.10	-46.10	D-1	0.8888	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586755.0	727514.7	103.34	140.00	150.00	-36.66	-46.66	D-1	0.2218	Packer withdrawal				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	166.00	176.00	-38.05	-48.05	D-1	0.0645	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	163.00	173.00	-41.48	-51.48	D-1	0.0625	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	153.00	163.00	-41.99	-51.99	D-1	0.0546	Packer withdrawal				
DW-1C	fractured sandstone/siltstone	588862.6	727774.3	107.08	150.00	160.00	-42.92	-52.92	D-1	0.0442	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	164.00	175.00	-43.08	-54.08	D-1	1.7800	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	164.00	175.00	-43.08	-54.08	D-1	0.0008	Packer withdrawal				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	185.00	195.00	-47.23	-57.23	D-1	5.3490	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	164.00	180.00	-42.73	-58.73	D-1	1.7940	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	164.00	180.00	-42.73	-58.73	D-1	0.0834	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	164.00	180.00	-42.73	-58.73	D-1	0.0071	Packer withdrawal				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	170.00	180.00	-49.40	-59.40	D-1	0.0025	Packer withdrawal				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	181.00	191.00	-53.05	-63.05	D-1	25.6900	Packer withdrawal				
DW-14A	fractured sandstone/siltstone	586485.3	729754.6	116.34	170.00	180.00	-53.66	-63.66	D-1	0.9800	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	199.00	210.00	-53.16	-64.16	D-1	0.0268	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	199.00	210.00	-53.16	-64.16	D-1	0.0081	Packer withdrawal				
CH-4/DW14	fractured sandstone/siltstone	586504.9	729748.4	116.34	171.00	181.00	-54.66	-64.66	D-1	0.0036	Packer withdrawal				
DW-17	fractured sandstone/siltstone	588299.9	726925.6	75.26	133.00	143.00	-57.74	-67.74	D-1	8.4700	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	181.00	192.00	-58.21	-69.21	D-1	0.0170	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	181.00	192.00	-58.21	-69.21	D-1	0.0169	Packer withdrawal				
DW-88	fractured sandstone/siltstone	587883.9	729655.5	122.19	182.00	192.00	-59.81	-69.81	D-1	0.0022	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	180.00	191.00	-59.08	-70.08	D-1	3.9700	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	180.00	191.00	-59.08	-70.08	D-1	0.2300	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	191.00	216.00	-45.74	-70.74	D-1	0.0114	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	190.00	216.00	-44.74	-70.74	D-1	0.0028	Packer withdrawal				
CH-18/DW-3	fractured sandstone/siltstone	587931.1	727996.8	145.26	190.00	216.00	-44.74	-70.74	D-1	11.4500	Packer withdrawal				
DW-13B	fractured sandstone/siltstone	586509.9	728796.3	109.01	170.00	180.00	-60.99	-70.99	D-1	2.9500	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	170.00	181.00	-61.23	-72.23	D-1	0.0051	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	170.00	181.00	-61.23	-72.23	D-1	11.5300	Packer withdrawal				
CH-18	fractured sandstone/siltstone	587962.7	728027.0	144.866	80.00	218.00	64.87	-73.13	D-1	1.4570	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	210.00	221.00	-64.16	-75.16	D-1	0.4547	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	210.00	221.00	-64.16	-75.16	D-1	19.1800	Packer withdrawal				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	192.00	202.00	-66.32	-76.32	D-1	4.0700	Packer withdrawal				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	184.00	194.00	-67.29	-77.29	D-1	2.7300	Packer withdrawal				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	190.00	200.00	-68.82	-78.82	D-1	0.0355	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	185.00	201.00	-63.73	-79.73	D-1	49.0600	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	185.00	201.00	-63.73	-79.73	D-1	14.4000	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	185.00	201.00	-63.73	-79.73	D-1	14.3000	Packer withdrawal				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	193.00	203.00	-70.77	-80.77	D-1	3.7700	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	189.00	200.00	-70.14	-81.14	D-1	0.2210	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	189.00	200.00	-70.14	-81.14	D-1	0.0283	Packer withdrawal				
DW-3C	fractured sandstone/siltstone	587931.1	727996.7	144.72	216.00	226.00	-71.28	-81.28	D-1	5.6100	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	183.00	193.00	-71.99	-81.99	D-1	0.1980	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	187.00	198.00	-72.43	-83.43	D-1	0.0960	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	187.00	198.00	-72.43	-83.43	D-1	0.0266	Packer withdrawal				
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	199.00	209.00	-74.49	-84.49	D-1	0.0038	Packer withdrawal				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	213.00	223.00	-77.00	-87.00	D-1	3.1900	Packer withdrawal				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	190.00	200.00	-77.17	-87.17	D-1	1.9800	Packer withdrawal				
DW-17	fractured sandstone/siltstone	588299.9	726925.6	75.26	157.00	167.00	-81.74	-91.74	D-1	0.7500	Packer withdrawal				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	210.00	220.00	-84.32	-94.32	D-1	0.3300	Packer withdrawal				
DW-16A	fractured sandstone/siltstone	585962.0	729998.7	124.16	210.00	220.00	-85.84	-95.84	D-1	16.7400	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586755.0	727514.7	103.34	190.00	200.00	-86.66	-96.66	D-1	7.5400	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	211.00	221.00	-88.17	-98.17	D-1	2.3930	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	210.00	221.00	-87.21	-97.21	D-1	0.2450	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	210.00	221.00	-87.21	-97.21	D-1	0.0058	Packer withdrawal				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	210.00	220.00	-89.40	-99.40	D-1	0.0044	Packer withdrawal				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	207.00	217.00	-89.45	-99.45	D-1	20.3900	Packer withdrawal				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D2**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	212.00	228.00	-90.73	-106.73	D-2	18.2900	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	212.00	228.00	-90.73	-106.73	D-2	17.7100	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	212.00	228.00	-90.73	-106.73	D-2	6.2300	Packer withdrawal				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	214.00	224.00	-97.29	-107.29	D-2	0.0142	Packer withdrawal				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	220.00	230.00	-97.77	-107.77	D-2	0.0370	Packer withdrawal				
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	229.00	239.00	-101.05	-111.05	D-2	0.0570	Packer withdrawal				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	240.00	250.00	-102.23	-112.23	D-2	12.6100	Packer withdrawal				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	229.00	239.00	-102.36	-112.36	D-2	11.8000	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	248.00	259.00	-102.16	-113.16	D-2	0.3800	Packer withdrawal				
PW-37	fractured sandstone/siltstone	588316.3	728676.5	145.84	248.00	259.00	-102.16	-113.16	D-2	0.0122	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586905.2	727701.1	103.34	210.00	220.00	-106.66	-116.66	D-2	0.0048	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	232.00	242.00	-110.48	-120.48	D-2	33.4000	Packer withdrawal				
DW-14B	fractured sandstone/siltstone	586501.0	729725.7	115.70	227.00	237.00	-111.30	-121.30	D-2	23.9100	Packer withdrawal				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	248.00	258.00	-112.00	-122.00	D-2	12.5300	Packer withdrawal				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	235.00	245.00	-122.17	-132.17	D-2	3.3950	Packer withdrawal				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	240.00	250.00	-122.45	-132.45	D-2	0.3742	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	245.00	256.00	-122.21	-133.21	D-2	0.0107	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	245.00	256.00	-122.21	-133.21	D-2	35.4000	Packer withdrawal				
MW-26W		585967.1	730306.5	136.14	247.00	272.00	-110.86	-135.86	D-2	12.1200	Packer withdrawal				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	250.00	260.00	-127.77	-137.77	D-2	7.3400	Packer withdrawal				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	255.00	265.00	-129.32	-139.32	D-2	0.6800	Packer withdrawal				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	250.00	260.00	-129.40	-139.40	D-2	0.1273	Packer withdrawal				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	248.00	258.00	-131.29	-141.29	D-2	0.0025	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	247.00	263.00	-125.73	-141.73	D-2	82.5500	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	247.00	263.00	-125.73	-141.73	D-2	62.0800	Packer withdrawal				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	247.00	263.00	-125.73	-141.73	D-2	30.8900	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	255.00	265.00	-132.17	-142.17	D-2	18.2900	Packer withdrawal				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	259.00	269.00	-132.36	-142.36	D-2	2.5800	Packer withdrawal				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	272.00	282.00	-134.23	-144.23	D-2	49.1200	Packer withdrawal				
CH-12/DW-2	fractured sandstone/siltstone	588636.2	729143.7	158.59	294.00	304.00	-135.41	-145.41	D-2	48.3300	Packer withdrawal				
DW-4	fractured sandstone/siltstone	587414.1	726814.0	104.17	240.00	250.00	-135.83	-145.83	D-2	23.7900	Packer withdrawal				
TW-164	fractured sandstone/siltstone	585624.7	730436.9	153.91	290.00	300.00	-136.10	-146.10	D-2	11.0600	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	251.00	262.00	-136.43	-147.43	D-2	0.4300	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	251.00	262.00	-136.43	-147.43	D-2	0.0005	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586905.2	727701.1	103.34	241.00	251.00	-137.66	-147.66	D-2	11.7300	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	263.00	274.00	-144.14	-155.14	D-2	3.3500	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	263.00	274.00	-144.14	-155.14	D-2	0.5900	Packer withdrawal				
TW-163	fractured sandstone/siltstone	586347.8	730558.4	122.23	268.00	278.00	-145.77	-155.77	D-2	0.1290	Packer withdrawal				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	295.00	306.00	-145.68	-156.68	D-2	0.0024	Packer withdrawal				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	295.00	306.00	-145.68	-156.68	D-2	1.7700	Packer withdrawal				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	265.00	275.00	-147.45	-157.45	D-2	1.5780	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	270.00	280.00	-148.48	-158.48	D-2	0.5700	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	271.00	282.00	-148.21	-159.21	D-2	0.5470	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	271.00	282.00	-148.21	-159.21	D-2	0.1359	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	263.00	274.00	-148.43	-159.43	D-2	0.0036	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	263.00	274.00	-148.43	-159.43	D-2	16.5000	Packer withdrawal				
CH-13	fractured sandstone/siltstone	588338.5	728935.2	146.13	296.00	306.00	-149.87	-159.87	D-2	6.1700	Packer withdrawal				
DW-5	fractured sandstone/siltstone	588261.5	729418.3	138.14	290.00	300.00	-151.86	-161.86	D-2	0.2963	Packer withdrawal				
TW-159	fractured sandstone/siltstone	588339.2	729594.2	137.77	285.00	300.00	-147.23	-162.23	D-2	0.1700	Packer withdrawal				
TW-162	fractured sandstone/siltstone	586884.7	730502.4	137.61	275.00	300.00	-137.39	-162.39	D-2	0.1400	Packer withdrawal				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	275.00	300.00	-139.00	-164.00	D-2	22.4000	Packer withdrawal				
TW-158	fractured sandstone/siltstone	587192.0	730306.3	136.00	290.00	300.00	-154.00	-164.00	D-2	2.8800	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	282.00	293.00	-159.21	-170.21	D-2	2.2800	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	282.00	293.00	-159.21	-170.21	D-2	2.1800	Packer withdrawal				
CH-6	fractured sandstone/siltstone	586904.4	728754.4	113.99	276.00	286.00	-162.01	-172.01	D-2	2.0000	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	280.00	291.00	-161.14	-172.14	D-2	0.3100	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	280.00	291.00	-161.14	-172.14	D-2	0.0287	Packer withdrawal				
DW-6C	fractured sandstone/siltstone	587789.1	728575.5	118.25	281.00	291.00	-162.75	-172.75	D-2	0.0075	Packer withdrawal				
MW-27W		585657.8	730127.3	150.18	298.00	323.00	-147.82	-172.82	D-2	5.1800	Packer withdrawal				
TW-153A	fractured sandstone/siltstone	586120.9	730356.9	126.64	290.00	300.00	-163.36	-173.36	D-2	3.3500	Packer withdrawal				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D2**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
TW-161	fractured sandstone/siltstone	587438.5	730158.1	127.95	290.00	302.00	-162.05	-174.05	D-2	1.1500	Packer withdrawal				
TW-167	fractured sandstone/siltstone	586190.8	729550.6	124.51	275.00	300.00	-150.49	-175.49	D-2	0.5700	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	277.00	287.00	-165.99	-175.99	D-2	0.4170	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	274.00	285.00	-165.23	-176.23	D-2	0.3498	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	274.00	285.00	-165.23	-176.23	D-2	0.0287	Packer withdrawal				
TW-165	fractured sandstone/siltstone	586229.4	730010.1	116.71	283.00	293.00	-166.29	-176.29	D-2	0.0016	Packer withdrawal				
DW-5C	fractured sandstone/siltstone	588261.5	729418.3	138.14	305.00	315.00	-166.86	-176.86	D-2	3.9400	Packer withdrawal				
DW-5	fractured sandstone/siltstone	588261.5	729418.3	138.14	300.00	315.00	-161.86	-176.86	D-2	2.5800	Packer withdrawal				
DW-16B	fractured sandstone/siltstone	585937.4	730015.8	125.02	292.00	302.00	-166.98	-176.98	D-2	0.1366	Packer withdrawal				
TW-160	fractured sandstone/siltstone	587688.5	729995.0	120.60	290.00	300.00	-169.40	-179.40	D-2	0.0440	Packer withdrawal				
TW-166	fractured sandstone/siltstone	586236.6	729859.4	117.55	285.00	300.00	-167.45	-182.45	D-2	0.0344	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	297.00	307.00	-174.17	-184.17	D-2	0.0068	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	296.00	307.00	-173.21	-184.21	D-2	0.0010	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	296.00	307.00	-173.21	-184.21	D-2	5.0400	Packer withdrawal				
DW-8C	fractured sandstone/siltstone	587904.2	729649.6	122.68	297.00	307.00	-174.32	-184.32	D-2	3.5300	Packer withdrawal				
DW-10C	fractured sandstone/siltstone	587159.8	728460.0	104.76	281.00	291.00	-176.24	-186.24	D-2	2.3900	Packer withdrawal				
DW-10	fractured sandstone/siltstone	587159.8	728460.0	104.76	281.00	291.00	-176.24	-186.24	D-2	1.5100	Packer withdrawal				
TW-168	fractured sandstone/siltstone	586483.2	729167.4	111.01	290.00	300.00	-178.99	-188.99	D-2	0.9900	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586905.2	727701.1	103.34	285.00	295.00	-181.66	-191.66	D-2	0.2574	Packer withdrawal				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	300.00	310.00	-187.17	-197.17	D-2	0.1730	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	309.00	319.00	-187.48	-197.48	D-2	0.1657	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586755.0	727514.7	103.34	311.00	321.00	-207.66	-217.66	D-2	5.7330	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	334.00	344.00	-211.17	-221.17	D-2	3.8600	Packer withdrawal				
DW-7C	fractured sandstone/siltstone	588054.2	729993.5	123.33	335.00	345.00	-211.67	-221.67	D-2	2.7870	Packer withdrawal				
DW-7B	fractured sandstone/siltstone	588047.7	729990.1	123.23	336.00	347.00	-212.77	-223.77	D-2	0.1118	Packer withdrawal				
DW-17	fractured sandstone/siltstone	588299.9	726925.6	75.26	285.00	300.00	-209.74	-224.74	D-2	0.0813	Packer withdrawal				
DW-17D	fractured sandstone/siltstone	588299.9	726925.6	74.61	285.00	300.00	-210.39	-225.39	D-2	0.0780	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	340.00	350.00	-218.48	-228.48	D-2	73.2100	Packer withdrawal				
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	335.00	345.00	-222.17	-232.17	D-2	3.0000	Packer withdrawal				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	350.00	360.00	-228.82	-238.82	D-2	2.6200	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	351.00	362.00	-236.43	-247.43	D-2	2.6100	Packer withdrawal				
CH-1	fractured sandstone/siltstone	586730.7	729042.0	114.57	351.00	362.00	-236.43	-247.43	D-2	0.7500	Packer withdrawal				
DW-11	fractured sandstone/siltstone	586755.0	727514.7	103.34	342.00	352.00	-238.66	-248.66	D-2	0.0670	Packer withdrawal				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	360.00	370.00	-239.08	-249.08	D-2	0.0650	Packer withdrawal				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D3**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	363.00	373.00	-240.17	-250.17	D-3	0.0099	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	354.00	364.00	-245.23	-255.23	D-3	56.9500	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	372.00	382.00	-250.48	-260.48	D-3	5.2400	Packer withdrawal				
DW-14C	fractured sandstone/siltstone	586504.9	729748.4	115.92	369.00	384.00	-253.08	-268.08	D-3	2.1000	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	374.00	384.00	-265.23	-275.23	D-3	1.8500	Packer withdrawal				
DW-1	fractured sandstone/siltstone	588845.5	727752.0	106.33	380.00	390.00	-273.67	-283.67	D-3	0.2742	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	398.00	408.00	-276.48	-286.48	D-3	21.1700	Packer withdrawal				
CH-12/DW-2D	fractured sandstone/siltstone	588636.3	729143.6	158.23	80.00	450.00	78.23	-291.77	D-3	12.4600	Packer withdrawal				
DW-2D	fractured sandstone/siltstone	588636.2	729143.7	158.23	425.00	450.00	-266.77	-291.77	D-3	7.3100	Packer withdrawal				
CH-5	fractured sandstone/siltstone	586904.4	728754.4	104.02	80.00	400.00	24.02	-295.98	D-3	0.7000	Packer withdrawal				
CH-5	fractured sandstone/siltstone	586904.4	728754.4	104.02	80.00	400.00	24.02	-295.98	D-3	0.0540	Packer withdrawal				
CH-5	fractured sandstone/siltstone	586904.4	728754.4	104.02	80.00	400.00	24.02	-295.98	D-3	0.0394	Packer withdrawal				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	400.00	447.50	-250.68	-298.18	D-3	0.0056	Packer withdrawal				
CH-16	fractured sandstone/siltstone	588060.4	728471.5	149.32	400.00	447.50	-250.68	-298.18	D-3	5.3100	Packer withdrawal				
CH-20	fractured sandstone/siltstone	588155.4	728346.1	151.45	80.00	450.00	71.45	-298.55	D-3	2.2300	Packer withdrawal				
CH-13	fractured sandstone/siltstone	588338.5	728935.2	146.13	80.00	450.00	66.13	-303.87	D-3	1.8200	Packer withdrawal				
CH-13	fractured sandstone/siltstone	588338.5	728935.2	146.13	80.00	450.00	66.13	-303.87	D-3	0.1800	Packer withdrawal				
CH-13	fractured sandstone/siltstone	588338.5	728935.2	145.55	80.00	450.00	65.55	-304.45	D-3	0.1230	Packer withdrawal				
CH-9/DW-13	fractured sandstone/siltstone	586530.2	728779.6	108.77	404.00	414.00	-295.23	-305.23	D-3	0.0200	Packer withdrawal				
DW-1	fractured sandstone/siltstone	588845.5	727752.0	106.33	406.00	416.00	-299.67	-309.67	D-3	0.0165	Packer withdrawal				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	419.50	429.00	-300.64	-310.14	D-3	0.0081	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	424.00	434.00	-301.21	-311.21	D-3	17.8200	Packer withdrawal				
DW-9	fractured sandstone/siltstone	587697.7	729181.6	121.52	424.00	434.00	-302.48	-312.48	D-3	2.2900	Packer withdrawal				
CH-9/DW-13D	fractured sandstone/siltstone	586530.2	728779.7	108.61	80.00	425.00	28.61	-316.39	D-3	1.7800	Packer withdrawal				
CH-9	fractured sandstone/siltstone	586680.7	728966.4	108.52	80.00	425.00	28.52	-316.48	D-3	1.3400	Packer withdrawal				
CH-9	fractured sandstone/siltstone	586680.7	728966.4	108.52	80.00	425.00	28.52	-316.48	D-3	0.1800	Packer withdrawal				
CH-9	fractured sandstone/siltstone	586680.7	728966.4	108.52	80.00	425.00	28.52	-316.48	D-3	0.1100	Packer withdrawal				
DW-18D	fractured sandstone/siltstone	589860.9	728448.2	132.10	425.00	450.00	-292.90	-317.90	D-3	53.0400	Packer withdrawal				
CH-3/DW-16	fractured sandstone/siltstone	585932.1	729997.4	125.68	425.00	450.00	-299.32	-324.32	D-3	43.2100	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	400.00	449.00	-277.21	-326.21	D-3	13.0200	Packer withdrawal				
CH-11/DW-8	fractured sandstone/siltstone	587880.6	729676.2	122.79	400.00	449.00	-277.21	-326.21	D-3	9.5700	Packer withdrawal				
DW-8D	fractured sandstone/siltstone	587880.6	729676.2	122.42	434.00	449.00	-311.58	-326.58	D-3	8.3900	Packer withdrawal				
DW-7D	fractured sandstone/siltstone	588041.4	730001.0	122.83	425.00	450.00	-302.17	-327.17	D-3	7.9700	Packer withdrawal				
DW-7	fractured sandstone/siltstone	588041.5	730001.1	122.83	425.00	450.00	-302.17	-327.17	D-3	0.1300	Packer withdrawal				
CH-11/DW-8D	fractured sandstone/siltstone	587880.7	729676.2	122.42	80.00	450.00	42.42	-327.58	D-3	0.0391	Packer withdrawal				
CH-14	fractured sandstone/siltstone	588106.0	729124.7	118.66	80.00	450.00	38.66	-331.34	D-3		Short Term Pumping - Pumping Well - 1.2 GPM		1.37	1.12E-01	
CH-14	fractured sandstone/siltstone	587955.4	728938.0	118.66	80.00	450.00	38.66	-331.34	D-3		Short Term Pumping - Pumping Well - 6.5GPM		10.62	2.14E-01	
CH-4/DW14	fractured sandstone/siltstone	586504.9	729748.4	116.34	440.00	450.00	-323.66	-333.66	D-3		Short Term Pumping -OBS Well-MW-119 Pumping 11.5 gpm		369.20	4.64E-06	
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	263.00	458.00	-141.73	-336.73	D-3		Short Term Pumping -OBS Well-MW-119 Pumping 11.5 gpm		408.30	5.17E-03	
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	263.00	458.00	-141.73	-336.73	D-3		Short Term Pumping -OBS Well-MW-119 Pumping 11.5 gpm		341.20	2.25E-04	
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	263.00	458.00	-141.73	-336.73	D-3		Short Term Pumping -OBS Well-MW-119 Pumping 11.5 gpm		151.80	2.22E-05	
CH-19	fractured sandstone/siltstone	587671.1	727619.7	112.83	430.00	450.00	-317.17	-337.17	D-3		Short Term Pumping -OBS Well-MW-119 Pumping 11.5 gpm		396.30	1.16E-07	
CH-19/DW-19D	fractured sandstone/siltstone	587671.1	727619.7	112.39	80.00	450.00	32.39	-337.61	D-3	6.3160	Short Term Pumping Test MW-234B				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	450.00	460.00	-328.73	-338.73	D-3		Short Term Pumping Test MW-234B		384.1	7.19E-06	
DW-1D	fractured sandstone/siltstone	588845.5	727752.0	106.33	430.00	450.00	-323.67	-343.67	D-3		Short Term Pumping Test MW-234B		446.7	4.47E-04	
DW-1	fractured sandstone/siltstone	588845.5	727752.0	106.33	425.00	450.00	-318.67	-343.67	D-3		Short Term Pumping Test MW-234B		439.2	2.07E-04	
DW-4	fractured sandstone/siltstone	587414.1	726814.0	104.17	425.00	450.00	-320.83	-345.83	D-3		Short Term Pumping Test MW-234B		491.1	6.12E-04	
DW-11D	fractured sandstone/siltstone	586754.9	727514.8	103.34	425.00	450.00	-321.66	-346.66	D-3		Short Term Pumping Test MW-234B		346.6	4.30E-04	
CH-17	fractured sandstone/siltstone	587207.6	728161.3	101.26	80.00	450.00	21.26	-348.74	D-3	2.8000	Slug Test				
CH-4/DW14	fractured sandstone/siltstone	586504.9	729748.4	116.34	470.00	480.00	-353.66	-363.66	D-3	1.3000	Slug Test				

**Appendix A**  
**Summary of Hydraulic Conductivity Estimates**  
**Layer D3**

Well ID	Screened Lithology	Easting [ft-NAD83]	Northing [ft-NAD83]	Measuring Pr. Elevation [ft-NAVD88]	Open Interval Top [ft-bgs]	Open Interval Bottom [ft-bgs]	Open Interval Top Elevation [ft-NAVD88]	Open Interval Bottom Elevation [ft-NAVD88]	Zones	Hydraulic Conductivity K [ft/day]	Type of Test	Analytical Method	Transmissivity [ft <sup>2</sup> /min]	Transmissivity [ft <sup>2</sup> /d]	Storativity
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	210.00	495.52	-89.08	-374.60	D-3	0.1215	Slug Test				
CH-8/DW-12	fractured sandstone/siltstone	587027.6	729652.6	120.92	210.00	495.52	-89.08	-374.60	D-3	7.0866	Slug Test		124.1		
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	80.00	500.00	41.18	-378.82	D-3	231.0000	Slug Test				
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	80.00	500.00	41.18	-378.82	D-3	3.9685	Slug Test		39.7		
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	80.00	500.00	41.18	-378.82	D-3	3.9685	Slug Test		85.3		
CH-10	fractured sandstone/siltstone	587485.3	729462.0	121.18	80.00	500.00	41.18	-378.82	D-3	2.6646	Slug Test		26.6		
CH-8	fractured sandstone/siltstone	587027.6	729652.6	120.92	80.00	500.00	40.92	-379.08	D-3	1.9559	Slug Test		13.1		
CH-10	fractured sandstone/siltstone	587485.1	729462.0	120.87	80.00	500.00	40.87	-379.13	D-3	18.8000	Slug Test				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	470.00	498.00	-351.14	-379.14	D-3	6.1000	Slug Test				
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	384.00	498.40	-265.14	-379.54	D-3	0.9354	Slug Test		7.1		
CH-7/DW-6	fractured sandstone/siltstone	587796.6	728561.4	118.86	384.00	498.40	-265.14	-379.54	D-3	2.5000	Slug Test				
CH-8/DW-12C	fractured sandstone/siltstone	587027.5	729652.5	120.41	80.00	500.00	40.41	-379.59	D-3	2.1000	Slug Test				
DW-6D	fractured sandstone/siltstone	587796.6	728561.4	118.40	473.00	498.00	-354.60	-379.60	D-3	2.4000	Slug Test				
CH-7	fractured sandstone/siltstone	587947.2	728748.4	118.33	79.47	499.47	38.86	-381.14	D-3	1.9843	Slug Test		23.4		
CH-7	fractured sandstone/siltstone	587947.2	728748.4	118.33	79.47	499.47	38.86	-381.14	D-3	6.4000	Slug Test				
CH-7/DW-6D	fractured sandstone/siltstone	587796.5	728561.5	118.40	80.00	500.00	38.40	-381.60	D-3	7.8000	Slug Test				
CH-2/DW-15	fractured sandstone/siltstone	586515.4	730464.3	121.27	495.00	505.00	-373.73	-383.73	D-3	21.9000	Slug Test				
CH-6	fractured sandstone/siltstone	586904.4	728754.4	113.99	490.00	500.00	-376.01	-386.01	D-3	2.5000	Slug Test				
CH-4	fractured sandstone/siltstone	586504.9	729748.4	116.34	80.00	503.00	36.34	-386.66	D-3	1.1000	Slug Test				
CH-4	fractured sandstone/siltstone	586504.9	729748.4	116.34	80.00	503.00	36.34	-386.66	D-3	19.6000	Slug Test				
CH-4	fractured sandstone/siltstone	586504.9	729748.4	116.34	80.00	503.00	36.34	-386.66	D-3	2.1000	Slug Test				
CH-4	fractured sandstone/siltstone	586504.9	729748.4	116.34	80.00	503.00	36.34	-386.66	D-3	0.8507	Slug Test				
CH-4/DW-14C	fractured sandstone/siltstone	586504.9	729748.3	115.92	80.00	503.00	35.92	-387.08	D-3	1.9803	Slug Test				