

Table 2
Well Construction Summary

Well Type	Name	Longitude NAD83	Latitude NAD83	Northing	Easting	Reference Elevation ¹	Ground Elevation ¹	Completion Date	Drilling Method	Total Drilling Depth	Completed Depth ²	Screen Interval ²	Gravel Pack ³	Well Seal ⁴	Casing Stick-up	Depth to Groundwater (06-11)	Groundwater Elevation	Depth to Top of Clay	Top of Clay Elevation
						feet msl	feet msl			feet bgs	feet bgs	feet bgs	feet bgs	feet bgs	feet ags	feet TOC	feet msl	feet bgs	feet msl
Piezometer	P1	-116.638860	34.926421	2162293.01	6969652.05	1746.23	1744.09	20-Apr-11	HSA	50	43	33 - 43	5 - 50	0 - 5	2.14	35.27	1,710.96	46.0	1,698
Piezometer	P2	-116.633298	34.930191	2163687.44	6971300.31	1738.15	1735.59	20-Apr-11	HSA	40	38	28 - 38	5 - 40	0 - 5	2.56	27.39	1,710.76	38.0	1,698
Piezometer	P3	-116.628906	34.933492	2164906.57	6972600.40	1732.04	1728.71	20-Apr-11	HSA	50	37	27 - 37	5 - 50	0 - 5	3.33	23.54	1,708.50	40.0	1,689
Piezometer	P4	-116.622895	34.936179	2165909.24	6974388.48	1721.38	1718.46	19-Apr-11	HSA	30	27.5	17.5 - 27.5	5 - 30	0 - 5	2.91	14.52	1,706.86	27.5	1,691
Piezometer	P5	-116.616754	34.936500	2166051.17	6976227.10	1713.88	1711.39	19-Apr-11	HSA	20	18	13 - 18	5 - 20	0 - 5	2.49	10.24	1,703.64	19.5	1,692
Piezometer	P6	-116.612837	34.937095	2166283.72	6977398.07	1707.58	1704.97	18-Apr-11	HSA	25	25	20 - 25	5 - 25	0 - 5	2.61	7.39	1,700.19	24.0	1,681
Piezometer	P7	-116.607635	34.937780	2166554.66	6978953.46	1700.23	1697.89	18-Apr-11	HSA	18	18	13 - 18	5 - 18	0 - 5	2.34	5.74	1,694.49	16.5	1,681
Piezometer	P8	-116.602570	34.938452	2166820.45	6980467.94	1697.26	1695.15	18-Apr-11	HSA	18	18	13 - 18	5 - 18	0 - 5	2.11	8.19	1,689.07	16.0	1,679
Piezometer	P9	-116.596609	34.940096	2167443.36	6982245.94	1690.28	1688.41	19-Apr-11	HSA	18	18	8 - 18	5 - 18	0 - 5	1.86	8.69	1,681.59	17.5	1,671
Piezometer	P10	-116.591417	34.942564	2168363.46	6983789.36	1685.67	1683.12	19-Apr-11	HSA	18	18	8 - 18	5 - 18	0 - 5	2.55	9.70	1,675.97	17.5	1,666
Piezometer	P11	-116.586689	34.944764	2169183.85	6985194.69	1678.87	1676.34	19-Apr-11	HSA	20	18	13 - 18	5 - 20	0 - 5	2.53	9.10	1,669.77	18.5	1,658
Cluster Well	A-Shallow	-116.620178	34.934686	2165376.86	6975210.13	1726.25	1723.57	04-Jun-11	Sonic	38	37	17 - 32	12 - 38	0 - 12	2.68	20.70	1,705.55		
Cluster Well	A-Deep	-116.620146	34.934695	2165380.19	6975219.76	1726.27	1723.31	04-Jun-11	Sonic	201	200	175 - 195	170 - 201	0 - 170	2.96	22.28	1,703.99		
Cluster Well	B-Shallow	-116.613325	34.934995	2165517.61	6977262.34	1726.51	1723.50	01-Jun-11	Sonic	53	52	37 - 47	32 - 53	0 - 32	3.01	24.62	1,701.89		
Cluster Well	B-Intermediate	-116.613333	34.935011	2165523.46	6977259.95	1726.47	1723.53	01-Jun-11	Sonic	110	109	94 - 104	89 - 110	0 - 89	2.94	23.37	1,703.10		
Cluster Well	B-Deep	-116.613340	34.935029	2165530.12	6977257.54	1726.43	1723.88	01-Jun-11	Sonic	185	184	159 - 179	154 - 185	0 - 154	2.55	23.60	1,702.83		
Cluster Well	C-Shallow	-116.599871	34.936211	2166016.10	6981288.15	1709.57	1706.72	07-Jun-11	Sonic	39	38	13 - 18 ; 28 - 33	8 - 39	0 - 8	2.85	16.60	1,692.97		
Cluster Well	C-Deep	-116.599838	34.936206	2166014.51	6981298.04	1709.55	1706.60	07-Jun-11	Sonic	205	200	175 - 195	170 - 200	0 - 170	2.95	20.15	1,689.40		
Cluster Well	D-Shallow	-116.589690	34.938804	2167002.49	6984326.15	1709.56	1706.53	10-Jun-11	Sonic	195	40	25 - 35	20 - 41	0 - 20	3.03	28.49	1,681.07		

Notes:
feet msl = feet above mean sea level
feet TOC = feet below top of well casing
feet bgs = feet below ground surface
feet ags = feet above ground surface (vertical distance between top of PVC casing to concrete pad for cluster wells)
Coordinates projected in State Plane 0405 Feet (NAD 83 Datum)

¹Professionally surveyed on June 13, 2011 by Merrell-Johnson Engineering; Reference Elevation provided represents northerly top of PVC casing

²Piezometers completed with 2-inch diameter (Schedule 40) PVC casing with 0.01-inch slotted (10-slot) well screen
Well screens for all piezometers wrapped with fiberglass window screen secured with 11-inch long plastic zipties
Cluster wells completed with 2.5-inch diameter (Schedule 80) PVC casing with 0.02-inch slotted (20-slot) well screen

³#2/12 Monterey Beach Sand

⁴Piezometers: hydrated medium bentonite pellets
Cluster Wells: combination of hydrated bentonite pellets and cement-bentonite grout