

Attachment 3

TABLE 1B

Thickness of Saturated Alluvium in Northern Boundary Wells

WELL #	Sample Date	Ground Surface Elev (ft MSL)	TOC Elev (ft MSL)	DTW TOC (ft)	Water Elev (ft MSL)	Depth to Qal/UMCf contact (ft)	Thickness of Sat. Qal (ft)
H-48 ¹	5/14/09	NA	1684.29	28.85	1655.44	59.00	30.15
M-44	5/5/09	1695.74	1698.31	20.67	1677.64	20.00	1.90
M-48	5/5/09	1718.43	1720.78	29.05	1691.73	32.00	5.30
M-95	5/4/09	1694.52	1694.09	12.75	1681.34	23.00	9.82
M-96	5/4/09	1693.80	1693.52	12.85	1680.67	20.80	7.67
PC-40	5/13/09	1677.05	1679.23	22.40	1656.83	56.00	35.78
PC-71	5/4/09	1696.11	1698.73	23.98	1674.75	27.50	6.14
PC-72	5/4/09	1696.89	1699.43	27.96	1671.47	34.00	8.58
PC-73	5/4/09	1697.56	1699.50	30.09	1669.41	44.00	15.85
Average Saturated Qal Thickness at N. Boundary Wells (feet):							13.5

Notes:

DTW - Depth to groundwater measurements from Annual Performance Monitoring Report-- Chromium and Perchlorate, July 2008 - June 2009 (Northgate, 2009)

ft MSL - feet above mean sea level

ft - feet

NA - ground surface elevation not available

Sat. Qal - Saturated alluvium

TOC - top of casing

UMCf - Upper Muddy Creek formation

1 - Thickness of saturated Qal in well H-48 is estimated relative to top of casing, since ground surface elevation is not available.