

OTTER CREEK MINE, PERMIT ID: C2012018 Exhibit 314C Appendix B
 Groundwater Flow Model Development, Calibration, and Mine Dewatering Simulation

Table 3-4. Layer 2 Zone Parameters

Parameter Zone #	Representative Lithology	K ft/day	Kh/Kv ---	Ss ft ⁻¹	Sy --
1	Interburden	0.0005	10	1.00E-06	0.01
2	Interburden	0.0005	10	1.00E-06	0.01
3	Interburden	0.0005	10	1.00E-06	0.01
4	Interburden	0.0005	10	1.00E-06	0.01
5	Interburden	0.0005	10	1.00E-06	0.01
6	Alluvium	90	2.5	0.00092	0.22
7	Interburden	0.0005	10	1.00E-06	0.01
8	Interburden	0.005	10	1.00E-06	0.01
9	Coal	1	10	2.30E-06	0.05
10	Interburden	0.0005	10	1.00E-06	0.01
11	Interburden	0.005	10	1.00E-06	0.01
12	Coal	4.75	10	2.30E-06	0.05
13	Interburden	0.005	10	1.00E-06	0.01
14	Clinker	1000	10	0.006	0.25
15	Alluvium	90	2.5	0.00092	0.22
16	Coal	4	10	2.30E-06	0.05
17	Clinker	1500	10	0.006	0.25
18	Alluvium	175	2.5	0.006	0.25
19	Coal	3	10	2.30E-06	0.05
20	Coal	0.5	10	2.30E-06	0.05
21	Coal	0.5	10	2.30E-06	0.05
22	Alluvium	100	10	0.00092	0.22
23	Clinker	1000	10	0.006	0.25
24	Coal	3	10	2.30E-06	0.05
25	Alluvium	50	2.5	0.00092	0.22
26	Clinker	1000	10	0.006	0.25
27	Coal	0.5	10	2.30E-06	0.05
28	Coal	1.85	10	2.30E-06	0.05
29	Coal	1	10	2.30E-06	0.05
30	Alluvium	175	2.5	0.00092	0.22
31	Coal	0.5	10	2.30E-06	0.05
32	Coal	0.5	10	2.30E-06	0.05
33	Coal	0.5	10	2.30E-06	0.05
34	Interburden	0.005	10	1.00E-06	0.01
35	Alluvium	250	2.5	0.00092	0.22