

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

Table 3-5. Layer 3 Zone Parameters

Parameter Zone #	Representative Lithology	K ft/day	Kh/Kv ---	Ss ft ⁻¹	Sy --
1	Coal	3.6	10	2.30E-06	0.05
2	Coal	0.12	10	2.30E-06	0.05
3	Coal	3.6	10	2.30E-06	0.05
4	Coal	0.22	10	2.30E-06	0.05
5	Coal	3.6	10	2.30E-06	0.05
6	Alluvium	90	2.5	0.00092	0.22
7	Coal	3.6	10	2.30E-06	0.05
8	Alluvium	0.5	10	2.30E-06	0.05
9	Coal	1	10	2.30E-06	0.05
10	Coal	4.75	10	2.30E-06	0.05
11	Coal	4.75	10	2.30E-06	0.05
12	Underburden	0.005	10	1.00E-06	0.01
13	Coal	2	10	2.30E-06	0.05
14	Clinker	1000	10	0.006	0.25
15	Alluvium	90	2.5	0.00092	0.22
16	Coal	2	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	Underburden	0.005	10	1.00E-06	0.01
21	Underburden	0.005	10	1.00E-06	0.01
22	Alluvium	100	2.5	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	Underburden	0.005	10	1.00E-06	0.01
29	Clinker	1	10	2.30E-06	0.05
30	Alluvium	175	2.5	0.00092	0.22
31	Underburden	0.005	10	1.00E-06	0.01
32	Underburden	0.005	10	1.00E-06	0.01
33	Underburden	0.005	10	1.00E-06	0.01
34	Coal	2.4	10	2.30E-06	0.05
35	Alluvium	250	2.5	0.00092	0.22