

TABLE 1
EXHIBIT 313D - OTTER CREEK MINE
PRE-MINING BASIN PARAMETERS OF OTTER CREEK TRIBUTARIES

Drainage Basin	Drainage Area (Acres)	Drainage Area (mi ²)	Lowest Elevation (ft)	Highest Elevation (ft)	Maximum Basin Relief (ft)	Stream Length (ft)	Stream Length (mi)	Drainage Density (mi./sq. mi.)
1	328.6	0.51	3105	3471	366	14591	2.76	5.38
2	121.4	0.19	3100	3347	247	6947	1.32	6.94
3	247.3	0.39	3105	3396	291	6889	1.30	3.38
4	17.0	0.03	3130	3211	81	0	0.00	0.00
5	657.8	1.03	3090	3610	520	16497	3.12	3.04
6	108.6	0.17	3110	3318	208	253	0.05	0.28
7	2093.1	3.27	3090	3625	535	37505	7.10	2.17
9	23.2	0.04	3168	3270	102	521	0.10	2.72
10	78.5	0.12	3115	3300	185	2523	0.48	3.90
11	106.3	0.17	3105	3310	205	2956	0.56	3.37
12	285.6	0.45	3118	3476	358	3967	0.75	1.68
13	4.7	0.01	3200	3242	42	0	0.00	0.00
14	35.1	0.05	3135	3255	120	0	0.00	0.00
15	651.6	1.02	3125	3610	485	23862	4.52	4.44
TOTAL	4758.9	7.44				116,511	22.07	2.97

OTTER CREEK MINE
POST-MINING BASIN PARAMETERS OF OTTER CREEK TRIBUTARIES

Drainage Basin	Drainage Area (Acres)	Drainage Area (mi ²)	Lowest Elevation (ft)	Highest Elevation (ft)	Maximum Basin Relief (ft)	Stream Length (ft)	Stream Length (mi)	Drainage Density (mi./sq. mi.)
1	335.6	0.52	3105	3400	295	12856	2.43	4.64
2	192.0	0.30	3100	3320	220	7560	1.43	4.77
3	341.9	0.53	3105	3610	505	13915	2.64	4.93
4	13.2	0.02	3130	3180	50	0	0.00	0.00
5	498.3	0.78	3090	3610	520	15788	2.99	3.84
6	189.9	0.30	3110	3230	120	2291	0.43	1.46
7	2038.2	3.18	3090	3625	535	36461	6.91	2.17
9	1.4	0.00	3168	3210	42	0	0.00	0.00
10	147.8	0.23	3115	3265	150	5635	1.07	4.62
11	101.6	0.16	3105	3265	160	4325	0.82	5.16
12	166.0	0.26	3118	3265	147	7261	1.38	5.30
13	0.0	0.00	-	-	-	-	-	0.00
14	31.0	0.05	3135	3203	68	0	0.00	0.00
15	715.6	1.12	3125	3610	485	19087	3.61	3.23
TOTAL	4772.6	7.46				125,179	23.71	3.18