TABLE 10-5
SURFACE WATER DELINEATION RESULTS - FLOW RATES AND FIELD WATER-QUALITY PARAMETERS
Leviathan Mine Site
Alpine County, California

Location ID[1]	Sample ID	Sample Date	Flow (cfs)	Dissolved Oxygen, Field, mg/L	Ferrous Iron, Field, mg/L	Field/Lab pH, Field, su	Oxidation Reduction Potential, Field, mV	Specific Conductivity, Field, uS/cm	Temperature, Field, C
DSL	SDL10301202	10/30/2012	0.01	2.74	--	5.52	125.4	1763	9.58
DSSD	--	10/30/2012	DRY	--	--	--	--	--	--
DSUD	SDL10301201	10/30/2012	0.0006	5.86	--	3.25	531.5	2913	11.55
SD-01	--	4/19/2012	DRY	--	--	--	--	--	--
SD-01	--	10/30/2012	DRY	--	--	--	--	--	--
SD-02	--	4/19/2012	DRY	--	--	--	--	--	--
SD-02	--	10/30/2012	DRY	--	--	--	--	--	--
SD-03	--	4/19/2012	DRY	--	--	--	--	--	--
SD-03	--	10/30/2012	DRY	--	--	--	--	--	--
SD-04	--	4/19/2012	DRY	--	--	--	--	--	--
SD-04	--	10/30/2012	NF	--	--	--	--	--	--
SD-05	--	4/18/2012	DRY	--	--	--	--	--	--
SD-05	--	10/30/2012	NM	--	--	--	--	--	--
SD-06	SDA04181205	4/18/2012	NMF	10.95	--	7.43	154.7	1764	7.51
SD-06	SDA10301206	10/30/2012	NMF	6.78	--	7.56	89.6	1881	10.81
SD-06A	SDA04181206	4/18/2012	NMF	11.95	--	8.10	120.0	1767	9.10
SD-06A	SDA10301207	10/30/2012	NMF	6.43	--	8.07	91.5	1903	9.79
SD-06B	SDA04181209	4/18/2012	NMF	9.88	--	8.21	27.5	1665	14.84
SD-06B	SDA10301208	10/30/2012	0.0032	7.55	--	8.00	107.9	1844	9.25
SD-07	SDA04181201	4/18/2012	NMF	7.68	--	3.64	246.0	1789	7.16
SD-07	SDA10301205	10/30/2012	NMF	0.71	--	4.14	76.3	1887	8.86
SD-07A	SDA04181202	4/18/2012	NMF	10.70	--	3.61	370.5	1852	6.95
SD-07A	SDA10301204	10/30/2012	0.0065	10.01	--	3.79	482.2	2012	9.68
SD-07B	SDA04181203	4/18/2012	NMF	9.67	--	3.97	370.7	1798	7.85
SD-07B	SDA10301203	10/30/2012	NMF	5.11	--	4.03	407.2	2029	7.20
SD-07C	SDA04181204	4/18/2012	NMF	9.35	--	4.26	319.2	1787	5.96
SD-07C	SDA10301202	10/30/2012	NMF	11.19	--	4.25	368.5	2082	7.43
SD-07D	SDA04181207	4/18/2012	NMF	8.42	--	4.57	15.1	1867	8.08
SD-07D	SDA10301201	10/30/2012	NMF	6.62	--	4.34	314.7	2995	10.85
SD-07E	SDA04181208	4/18/2012	NM	7.77	--	4.52	149.2	1529	11.65

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Alpine County, California

Location ID[1]	Sample ID	Sample Date	Flow (cfs)	Dissolved Oxygen, Field, mg/L	Ferrous Iron, Field, mg/L	Field/Lab pH, Field, su	Oxidation Reduction Potential, Field, mV	Specific Conductivity, Field, uS/cm	Temperature, Field, C
SD-07E	--	10/30/2012	DRY	--	--	--	--	--	--
SD-08	SDA04181210	4/18/2012	NMF	10.52	--	7.51	74.4	1590	6.56
SD-08	--	10/30/2012	NF	--	--	--	--	--	--
SD-08A	SDA04181211	4/18/2012	NMF	12.85	--	7.17	72.4	1633	1.91
SD-08A	--	10/30/2012	DRY	--	--	--	--	--	--
SD-09	--	4/19/2012	DRY	--	--	--	--	--	--
SD-09	--	10/30/2012	DRY	--	--	--	--	--	--
SD-10	SDL04181201	4/18/2012	NMF	6.02	--	5.48	105.3	1685	10.65
SD-10	SDL10301205	10/30/2012	NMF	2.87	--	4.77	272.0	1778	9.20
SD-10A	--	4/18/2012	DRY	--	--	--	--	--	--
SD-10A	SDL10301204	10/30/2012	NF	0.45	--	4.44	287.8	2791	12.12
SD-10B	SDL04181202	4/18/2012	NF	6.60	--	6.88	39.6	2111	18.09
SD-10B	--	10/30/2012	DRY	--	--	--	--	--	--
SD-11	--	4/18/2012	DRY	--	--	--	--	--	--
SD-11	--	10/30/2012	DRY	--	--	--	--	--	--
SD-11A	SDL04181203	4/18/2012	NMF	10.48	--	7.73	38.9	1884	7.78
SD-11A	--	10/30/2012	DRY	--	--	--	--	--	--
SD-12	--	4/19/2012	DRY	--	--	--	--	--	--
SD-12	--	10/31/2012	DRY	--	--	--	--	--	--
SD-13	--	4/19/2012	DRY	--	--	--	--	--	--
SD-13	--	10/31/2012	DRY	--	--	--	--	--	--
SD-14	--	4/18/2012	NMF	--	--	--	--	--	--
SD-14	--	10/30/2012	DRY	--	--	--	--	--	--
SD-15	--	4/19/2012	NF	--	--	--	--	--	--
SD-15	--	10/31/2012	NM	--	--	--	--	--	--
SD-15A	--	10/31/2012	NM	--	--	--	--	--	--
SD-16	SDL04191201	4/19/2012	NMF	6.68	--	6.23	130.7	194	9.70
SD-16	--	10/30/2012	DRY	--	--	--	--	--	--
SD-17	SDA04181212	4/18/2012	NMF	4.60	--	4.24	249.3	1112	13.74
SD-17	--	10/31/2012	NF	--	--	--	--	--	--

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Alpine County, California

Location ID[1]	Sample ID	Sample Date	Flow (cfs)	Dissolved Oxygen, Field, mg/L	Ferrous Iron, Field, mg/L	Field/Lab pH, Field, su	Oxidation Reduction Potential, Field, mV	Specific Conductivity, Field, uS/cm	Temperature, Field, C
SD-17A	--	4/18/2012	NF	--	--	--	--	--	--
SD-17A	--	10/31/2012	NF	--	--	--	--	--	--
SD-18	--	4/18/2012	DRY	--	--	--	--	--	--
SD-18	--	10/31/2012	DRY	--	--	--	--	--	--
SD-19	SDL04191202	4/19/2012	NMF	8.41	--	6.40	-47.6	1916	10.59
SD-19	SDL10301203	10/30/2012	NMF	0.39	--	5.47	82.3	1444	8.35
SD-19A	SDL04191203	4/19/2012	NMF	5.22	--	5.61	24.8	652	13.15
SD-20	SDR04181201	4/18/2012	NMF	4.70	--	6.78	81.9	93	10.11
SD-20	--	10/31/2012	DRY	--	--	--	--	--	--
SD-21	SDR04191201	4/19/2012	0.0034	10.78	--	5.69	195.2	178	11.66
SD-21	SDR10311201	10/31/2012	0.0028	6.86	--	7.78	66.2	203	7.87
SD-22	SDA07261201	7/26/2012	0.12	11.71	<0.03	6.29	230.1	179	11.57
SD-22	SDA10311202	10/31/2012	0.0058	6.88	--	7.31	60.4	181	10.86
SD-35	--	10/30/2012	DRY	--	--	--	--	--	--
SD-36	--	10/30/2012	DRY	--	--	--	--	--	--
SD-37	--	10/30/2012	DRY	--	--	--	--	--	--

Abbreviations and acronyms listed in Table 1-1.

Notes:
1. Locations shown on Figure 10-1.