

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

BSM

JULY 11, 1989

862328

CERTIFICATE OF ANALYSIS ETK 89-384

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

Southern Grid

DATE RECEIVED: 29, 1989 JUNE 29, 1989 REJECTS: STORE
PROJECT: **NOBLE 188** PULPS: STORE
NUMBER SAMPLES: 68
TYPE SAMPLES: IL NOTE: > = MORE THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
384- 1	L 9180 N 7320 E	15	<.1	71	25	112
384- 2	L 9180 N 7340 E	5	.1	99	27	124
384- 3	L 9180 N 7360 E	5	.1	60	18	95
384- 4	L 9180 N 9980 E	<5	<.1	19	19	90
384- 5	L 9180 N 10000 E	5	<.1	13	13	97
384- 6	L 9180 N 10020 E	10	.1	18	20	87
384- 7	L 9200 N 7320 E ✓	5	<.1	97	21	95
384- 8	L 9200 N 7340 E ✓	5	<.1	49	22	115
384- 9	L 9200 N 7360 E ✓	5	.1	68	25	80
384- 10	L 9200 N 9980 E ✓	<5	<.1	16	19	107
384- 11	L 9200 N 10000 E ✓	5	<.1	13	18	90
384- 12	L 9200 N 10020 E	5	<.1	37	29	101
384- 13	L 9220 N 7320 E	5	<.1	85	26	123
384- 14	L 9220 N 7340 E	5	<.1	61	24	124
384- 15	L 9220 N 7360 E	<5	<.1	37	24	116
384- 16	L 9220 N 9980 E	5	.1	24	21	105
384- 17	L 9220 N 10000 E	<5	.1	28	22	80
384- 18	L 9220 N 10020 E	15	.1	31	29	97
384- 19	L 9380 N 7480 E	10	.1	36	27	240
384- 20	L 9380 N 7500 E	25	<.1	23	56	160
384- 21	L 9380 N 7520 E	5	.1	37	21	133
384- 22	L 9380 N 7540 E	30	.1	34	23	148
384- 23	L 9380 N 7760 E	10	<.1	26	20	210
384- 24	L 9380 N 7940 E	5	.1	33	27	74
384- 25	L 9380 N 7960 E	5	.1	29	25	110
384- 26	L 9380 N 7980 E	5	.1	16	26	154
384- 27	L 9380 N 9460 E	5	.2	25	71	178
384- 28	L 9380 N 9480 E	15	.2	17	26	154
384- 29	L 9380 N 9500 E	5	.1	17	54	117
384- 30	L 9400 N 7480 E ✓	10	.1	69	48	242



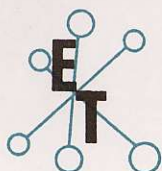
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ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
384- 31	L 9400 N 7500 E	55	.2	21	19	151
384- 32	L 9400 N 7520 E ✓	10	.1	21	22	245
384- 33	L 9400 N 7540 E ✓	10	.1	23	28	234
384- 34	L 9400 N 7560 E ✓	5	.1	18	23	201
384- 35	L 9400 N 7940 E	5	.2	16	22	73
384- 36	L 9400 N 7960 E ✓	10	.2	14	22	133
384- 37	L 9400 N 7980 E	5	.1	17	27	149
384- 38	L 9400 N 9460 E	5	.1	14	48	187
384- 39	L 9400 N 9480 E ✓	30	.1	50	53	145
384- 40	L 9400 N 9500 E	5	.1	22	30	155
384- 41	L 9420 N 7480 E	5	.1	21	52	172
384- 42	L 9420 N 7500 E	5	<.1	19	28	303
384- 43	L 9420 N 7520 E	10	.1	35	47	188
384- 44	L 9420 N 7540 E	10	<.1	15	54	306
384- 45	L 9420 N 7560 E	5	.1	20	33	234
384- 46	L 9420 N 7940 E	5	.1	20	26	230
384- 47	L 9420 N 7960 E	10	.1	26	28	146
384- 48	L 9420 N 7980 E	5	<.1	20	29	161
384- 49	L 9420 N 9460 E	10	<.1	21	24	119
384- 50	L 9420 N 9480 E	15	.1	22	80	169
384- 51	L 9420 N 9500 E	10	.1	12	26	155
384- 52	L 9780 N 6980 E	10	.4	97	68	305
384- 53	L 9780 N 7000 E	5	.3	48	46	412
384- 54	L 9780 N 7020 E	5	.1	67	29	429
384- 55	L 9780 N 7500 E	<5	<.1	15	15	95
384- 56	L 9780 N 7520 E	25	.1	18	19	78
384- 57	L 9780 N 7540 E	30	<.1	13	16	94
384- 58	L 9780 N 8140 E	30	<.1	12	20	69
384- 59	L 9780 N 8160 E	20	<.1	9	16	72
384- 60	L 9780 N 8180 E	15	<.1	14	22	125
384- 61	L 9780 N 8700 E	5	<.1	13	22	69
384- 62	L 9780 N 8720 E	10	<.1	9	12	115
384- 63	L 9780 N 8740 E	15	<.1	30	22	69
384- 64	L 9780 N 9740 E	10	<.1	10	15	69
384- 65	L 9780 N 9760 E	10	<.1	15	23	59
384- 66	L 9780 N 9780 E	15	.1	28	34	70
384- 67	L 9800 N 6980 E ✓	15	.1	61	29	321
384- 68	L 9800 N 7000 E ✓	10	.1	45	19	440
384- 69	L 9800 N 7020 E	5	.2	126	36	263
384- 70	L 9800 N 7500 E ✓	5	<.1	16	14	62
384- 71	L 9800 N 7520 E ✓	5	.1	14	15	94
384- 72	L 9800 N 7540 E	5	.5	15	18	128
384- 73	L 9700 N 8140 E	10	<.1	13	16	123
384- 74	L 9700 N 8160 E	5	<.1	14	17	90
384- 75	L 9700 N 8180 E	10	<.1	11	28	99



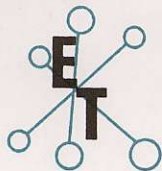
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10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

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ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
384- 76	L 9800 N 8700 E	5	<.1	11	11	82
384- 77	L 9800 N 8720 E ✓	5	.1	13	18	78
384- 78	L 9800 N 8740 E	5	<.1	22	21	51
384- 79	L 9800 N 9740 E	10	.1	19	31	72
384- 80	L 9800 N 9760 E ✓	5	.1	18	24	58
384- 81	L 9800 N 9780 E	10	.1	11	20	85
384- 82	L 9820 N 6980 E	5	.1	44	28	252
384- 83	L 9820 N 7000 E	5	<.1	133	54	412
384- 84	L 9820 N 7020 E	5	.2	51	26	389
384- 85	L 9820 N 7500 E	5	.1	15	16	96
384- 86	L 9820 N 7520 E	5	.1	9	15	97
384- 87	L 9820 N 7540 E	5	.1	12	16	110
384- 88	L 9820 N 8140 E	5	<.1	9	17	109
384- 89	L 9820 N 8160 E	10	<.1	13	22	182
384- 90	L 9820 N 8180 E	45	.1	16	43	227
384- 91	L 9820 N 8700 E	10	<.1	12	16	86
384- 92	L 9820 N 8720 E	5	<.1	14	15	68
384- 93	L 9820 N 8740 E	20	<.1	17	17	62
384- 94	L 9820 N 9740 E	10	<.1	11	26	110
384- 95	L 9820 N 9760 E	10	.1	12	18	80
384- 96	L 9820 N 9780 E	5	.1	13	17	74
384- 97	L 9980 N 9400 E	5	.1	19	43	56
384- 98	L 9980 N 9420 E	5	<.1	12	22	96
384- 99	L 9980 N 9440 E	10	.1	13	42	95
384- 100	L 10000 N 9400 E ✓	5	.2	14	119	101
384- 101	L 10000 N 9420 E	10	<.1	30	72	108
384- 102	L 10000 N 9440 E ✓	5	.1	9	73	112
384- 103	L 10020 N 9400 E	5	.1	11	27	80
384- 104	L 10020 N 9420 E	5	.1	10	129	100
384- 105	L 10020 N 9440 E	10	<.1	8	38	80
384- 106	L 10380 N 7600 E	5	.3	22	21	85
384- 107	L 10380 N 7620 E	5	.2	13	15	77
384- 108	L 10380 N 7640 E	10	.2	34	25	67
384- 109	L 10380 N 7900 E	10	.1	13	19	105
384- 110	L 10380 N 7920 E	10	<.1	14	17	90
384- 111	L 10380 N 7940 E	10	<.1	8	15	100
384- 112	L 10380 N 8140 E	5	.1	13	14	70
384- 113	L 10380 N 8460 E	5	<.1	14	15	56
384- 114	L 10380 N 8180 E	10	.1	18	19	70
384- 115	L 10380 N 9940 E	5	.1	18	18	80
384- 116	L 10380 N 9960 E	10		11	17	86
384- 117	L 10380 N 9980 E	5	.1	12	16	100
384- 118	L 10400 N 7600 E ✓	10		72	32	60
384- 119	L 10400 N 7620 E	5	.1	10	19	58
384- 120	L 10400 N 7340 E	10	.2	32	25	79



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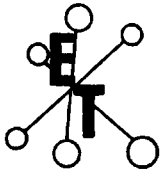
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Placer Dome Inc.

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
384- 121	L 10400 N 7900 E	10	.2	25	24	71
384- 122	L 10400 N 7920 E ✓	5	.1	17	18	75
384- 123	L 10400 N 7940 E	10	.1	11	18	67
384- 124	L 10400 N 8140 E	5	.1	20	15	42
384- 125	L 10400 N 8160 E ✓	5	.1	11	13	41
384- 126	L 10400 N 8180 E	5	<.1	14	15	56
384- 127	L 10400 N 9940 E	10	.1	13	19	109
384- 128	L 10400 N 9960 E ✓	5	<.1	12	16	77
384- 129	L 10400 N 9980 E	5	.1	10	19	90
384- 130	L 10420 N 7600 E	5	.2	11	18	71
384- 131	L 10420 N 7620 E	5	.1	9	14	65
384- 132	L 10420 N 7640 E	10	.1	11	16	80
384- 133	L 10420 N 7900 E	10	.1	24	21	86
384- 134	L 10420 N 7920 E	5	.1	17	18	80
384- 135	L 10420 N 1940 E	5	.1	15	17	65
384- 136	L 10420 N 8140 E	5	.1	11	13	70
384- 137	L 10420 N 8160 E	5	.1	14	14	75
384- 138	L 10420 N 8180 E	5	.1	11	11	65
384- 139	L 10420 N 9940 E	5	.1	9	13	60
384- 140	L 10420 N 9960 E	10	<.1	13	16	69
384- 141	L 10420 N 9980 E	10	.1	15	18	81
384- 142	L 10780 N 7660 E	10	<.1	6	10	41
384- 143	L 10780 N 7680 E	10	<.1	8	13	55
384- 144	L 10780 N 7700 E	10	<.1	34	21	64
384- 145	L 10780 N 9460 E	5	.1	39	21	79
384- 146	L 10780 N 9480 E	<5	.2	14	12	69
384- 147	L 10780 N 9500 E	10	.1	14	11	64
384- 148	L 10780 N 9620 E	10	.5	23	20	116
384- 149	L 10780 N 9640 E	10	.2	25	16	83
384- 150	L 10780 N 9660 E	10	.3	29	20	166
384- 151	L 10800 N 7660 E	<5	.1	33	18	55
384- 152	L 10800 N 7680 E ✓	5	<.1	13	11	65
384- 153	L 10800 N 7700 E ✓	5	<.1	8	15	93
384- 154	L 10800 N 9460 E ✓	5	.2	20	15	86
384- 155	L 10800 N 9460 E ✓	5	.1	21	13	79
384- 156	L 10800 N 9500 E ✓	10	.2	14	12	88
384- 157	L 10800 N 9620 E ✓	5	.1	20	18	90
384- 158	L 10800 N 9640 E ✓	5	.4	15	14	68
384- 159	L 10800 N 9660 E ✓	5	.9	40	27	86
384- 160	L 10820 N 7660 E	10	.1	15	18	65
384- 161	L 10820 N 7680 E	5	.1	13	13	51
384- 162	L 10820 N 7700 E	15	.5	13	14	90
384- 163	L 10820 N 9460 E	5	.2	19	15	77
384- 164	L 10820 N 9480 E	5	.3	37	25	95
384- 165	L 10820 N 9500 E	10	.2	17	17	96

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3360
 9400
 40 5
 60 15
 50 5
 40 10
 500 10
 520 15
 500 15
 600 10
 620 5
 640 5
 660 5
 680 5




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ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
384- 166	L 10820 N 9620 E	10	.2	10	12	84
384- 167	L 10820 N 9640 E	10	1.8	83	40	121
384- 168	L 10820 N 9660 E	10	.2	22	22	99



ECO-TECH LABORATORIES LTD.
Doug Howard
B.C. Certified Assayer

F A X
SC89/PLACER1