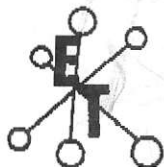


SPRING



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 873-8700 Fax 873-4887

862121

JUNE 19, 1989

CERTIFICATE OF ANALYSIS ETK 89-295

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

=====

DATE RECEIVED: JUNE 12, 1989 REJECTS: STORE
PROJECT: PULPS: STORE
NUMBER SAMPLES: 3
TYPE SAMPLES: GRAB From TR0785E *SPRING* NOTE: < = LESS THAN

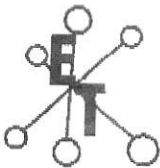
=====

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
295 - 1	59051	5	1.5	7	153	143	11	1
295 - 2	59052	<5	<.1	5	21	34	6	<1
295 - 3	59053	5	1.5	12	284	186	7	2

Douglas Howard

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

F A X
SC89/PLACER1



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 673-5700 Fax 673-4557

JUNE 26, 1989

CERTIFICATE OF ANALYSIS ETK 89-302

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

DATE RECEIVED: JUNE 15, 1989
PROJECT: GENERAL 1E
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK

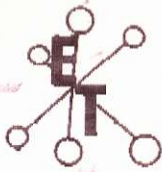
REJECTS: STORE
PULPS: STORE
NOTE: > = MORE THAN
< = LESS THAN

ET#	Description	Au (ppb)	Au (g/t)	Au (oz/t)	Ag (ppm)	Ag (g/t)	Cu (ppm)	Cu (%)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)	Mo (ppm)
302 - 1	30938	10			.4		>1000	.16	12		42		19	14.0	21
302 - 2	30939	15			.2		478		8		29		14	1.4	7
302 - 3	30940	10			.2		96		11		30		70	14.0	2
302 - 4	30941	10			.1		11		6		16		25	<.2	12
302 - 5	30942	10			<.1		34		21		52		86	<.2	27
302 - 6	30943	>1000	1.03	.030	>30.0	326.5	632		>1000	2.20	>1000	2.10	27	56.0	12
302 - 7	30944	>1000	1.15	.034	>30.0	236.1	984	.10	>1000	.92	>1000	1.00	23	24.0	10

Rob

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

F A X
SC89/PLACER1



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

JULY 7, 1989

CERTIFICATE OF ANALYSIS ETK 89-323

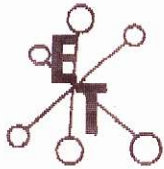
Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

DATE RECEIVED: JUNE 19, 1989 REJECTS: STORE
PROJECT: SPRING V232 PULPS: STORE
NUMBER SAMPLES: 99
TYPE SAMPLES: CHIP NOTE: > = MORE THAN

TRENCH 0785E

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
323 - 1	42814	5	.3	7	31	43	3	<.2
323 - 2	42872 → ?	<5	.4	4	32	35	4	<.2
323 - 3	42873	<5	<.1	2	2	28	3	<.2
323 - 4	42874	<5	.2	13	68	132	4	.2
323 - 5	42875	<5	.6	16	52	131	8	<.2
323 - 6	42886	<5	.3	12	23	69	3	<.2
323 - 7	42887	<5	<.1	5	12	61	1	<.2
323 - 8	42888	<5	.3	4	24	55	<1	<.2
323 - 9	42889	<5	.8	3	34	50	1	<.2
323 - 10	42890	<5	.1	4	7	55	2	<.2
323 - 11	42891	<5	<.1	2	2	56	4	<.2
323 - 12	42892	<5	.2	3	13	51	3	<.2
323 - 13	42893 qt.	10	<.1	4	2	36	2	<.2
323 - 14	42895 qb.	<5	.2	4	29	41	3	<.2
323 - 15	42897	35	2.8	11	200	166	3	<.2
323 - 16	42898	<5	8.2	24	393	668	4	<.2
323 - 17	42899	<5	.2	5	27	66	2	<.2
323 - 18	42900	<5	<.1	6	5	64	2	<.2
323 - 19	42901	<5	<.1	3	2	40	2	<.2
323 - 20	42902	<5	.1	5	25	77	2	<.2
323 - 21	42903	<5	.3	6	30	58	1	<.2
323 - 22	42904	<5	1	5	37	69	2	<.2
323 - 23	42905	<5	.2	6	62	95	2	<.2
323 - 24	42906	<5	.2	5	16	29	3	<.2
323 - 25	42907	<5	<.1	6	9	29	2	<.2
323 - 26	42908	<5	<.1	2	1	25	2	<.2
323 - 27	42909	<5	.3	5	28	32	3	<.2
323 - 28	42910	<5	<.1	4	10	38	3	<.2
323 - 29	42911	<5	.1	4	16	31	3	<.2
323 - 30	42912	<5	<.1	6	8	27	1	<.2

TRENCH 0785E
20-5-30
FAULT
FR GAUGE @ 29m



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 873-8700 Fax 573-4557

Placer Dome Inc.

JULY 7, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
323 - 31	42913	<5	<.1	9	9	33	2	.4
323 - 32	42914	<5	<.1	3	12	20	2	<.2
323 - 33	42915	<5	.1	4	34	52	2	<.2
323 - 34	42916	5	.1	6	11	57	3	<.2
323 - 35	42917	<5	<.1	5	15	80	3	<.2
323 - 36	42918	<5	.2	3	65	169	8	<.2
323 - 37	42919	<5	<.1	5	10	49	6	<.2
323 - 38	42920	<5	.3	8	60	71	7	<.2
323 - 39	42921	<5	.6	5	42	137	15	.3
323 - 40	42922	<5	.3	4	87	62	8	.2
323 - 41	42923	<5	.9	4	73	86	12	.2
323 - 42	42924	<5	<.1	4	28	63	13	<.2
323 - 43	42925	<5	.1	3	38	83	15	<.2
323 - 44	42976	<5	.1	3	48	51	9	<.2
323 - 45	42977	<5	<.1	3	17	32	6	<.2
323 - 46	42978	<5	.2	6	62	40	6	<.2
323 - 47	42979	<5	.6	7	69	50	7	<.2
323 - 48	42980	<5	.1	4	22	35	6	<.2
323 - 49	42981	<5	.1	6	41	39	6	<.2
323 - 50	42982	<5	.4	5	89	57	5	<.2
323 - 51	42983	<5	<.1	2	35	40	5	<.2
323 - 52	42984	<5	.2	3	75	78	6	<.2
323 - 53	42985	<5	.3	6	60	90	7	<.2
323 - 54	42986	<5	.7	3	38	55	6	<.2
323 - 55	42987	<5	<.1	2	12	50	6	<.2
323 - 56	42988	<5	<.1	2	12	42	5	<.2
323 - 57	42989	<5	.1	3	24	57	6	<.2
323 - 58	42990	<5	<.1	2	31	62	6	<.2
323 - 59	42991	<5	.1	1	8	38	5	<.2
323 - 60	42992	<5	<.1	1	27	57	5	<.2
323 - 61	42993	<5	<.1	1	23	61	3	<.2
323 - 62	42994	<5	<.1	3	29	106	1	<.2
323 - 63	42995	<5	<.1	2	7	18	2	<.2
323 - 64	42996	<5	.1	4	125	414	7	.4
323 - 65	42997	<5	.4	3	163	482	47	1.1
323 - 66	42998	<5	<.1	2	53	297	13	.5
323 - 67	42999	<5	<.1	5	121	423	27	.9
323 - 68	43000	<5	<.1	5	63	234	17	.7
323 - 69	43026	<5	.1	7	153	197	4	<.2
323 - 70	43027	<5	.2	2	53	84	3	<.2
323 - 71	43028	<5	.5	2	42	74	10	<.2
323 - 72	43029	<5	<.1	2	17	22	5	<.2
323 - 73	43030	<5	<.1	1	31	63	14	<.2
323 - 74	43031	<5	<.1	2	22	46	5	<.2
323 - 75	43032	<5	.3	1	42	60	5	<.2

TR 785E
 4.5-6.0m
 6.0-7.5
 7.5-9.0m

TR 785E

TRENCH 0842E

GRABS NEAR TR 0842E

TR 0842E

↑ CHIP SAMPLES TAKEN IN CRACK @ 800E 5+50N ↓



ECO-TECH LABORATORIES LTD.

ASSAYING • ENVIRONMENTAL TESTING
 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

Placer Dome Inc.

JULY 7, 1989

TRENCH 0825 E

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)
323 - 76	43051	<5	<.1	5	49	147		7	<.2
323 - 77	43052	<5	<.1	3	19	79		8	.3
323 - 78	43053	<5	.1	10	104	319		9	.5
323 - 79	43054	<5	.5	8	210	474		34	1
323 - 80	43055	<5	1.3	16	401	712		32	1.2
323 - 81	43056	<5	.9	9	315	>1000	.12	39	1.5
323 - 82	43057	<5	.3	7	145	523		33	1.5
323 - 83	43058	<5	.1	14	97	372		15	.9
323 - 84	43059	<5	<.1	12	63	278	7?	12	.5
323 - 85	43060	<5	.1	9	107	447		20	.7
323 - 86	43061	<5	1.3	14	321	>1000	.11	37	1.5
323 - 87	43062	<5	.4	11	138	530		38	1.2
323 - 88	43063	<5	.2	9	92	481		26	.8
323 - 89	43064	<5	1.5	16	298	989		24	1
323 - 90	43065	<5	2.3	18	301	>1000	.15	21	1.1
323 - 91	43066	<5	1.9	18	168	>1000	.19	9	.7
323 - 92	43067	<5	.4	9	90	>1000	.11	7	.5
323 - 93	43068	<5	.9	11	171	>1000	.11	6	.5
323 - 94	43069	<5	.7	8	135	927		9	.5
323 - 95	43070	<5	.8	9	211	>1000	.12	5	.6
323 - 96	43071	<5	.9	10	173	>1000	.13	7	.5
323 - 97	43072	<5	.2	3	85	239		5	.4
323 - 98	43073	<5	.2	4	74	477		6	.6
323 - 99	43074	<5	.8	8	202	706		4	.3

TRENCH 825 E
 0.0 - 1.5
 0.0 - 1.5 (K)

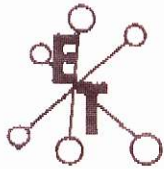
↓
 1.5M INT.

28.5 - 30.0
 .4 FAULT G. @ 0.5
 .6 GRAB 10m
 .3 GRAB 28m

← CHIP NEAR TR 08A7N

Douglas Howard
 ECO-TECH LABORATORIES LTD.
 DOUG HOWARD
 B.C. Certified Assayer

F A X: KAMLOOPS • ROB PEASE
 5099/PLACER1



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (504) 573-5700 Fax 573-4567

JULY 10, 1989

CERTIFICATE OF ANALYSIS ETK 89-346

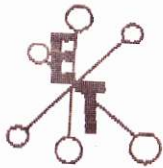
Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

DATE RECEIVED: JUNE 23, 1989 REJECTS: STORE
PROJECT: V 232 PULPS: STORE
NUMBER SAMPLES: 47
TYPE SAMPLES: ROCKS NOTE: < = LESS THAN

El#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
346 - 1	53201	<5	<.1	4	31	37	7	.2
346 - 2	53202	<5	<.1	5	39	46	6	.2
346 - 3	53203	<5	<.1	5	21	21	5	<.2
346 - 4	53204	<5	<.1	6	38	50	6	<.2
346 - 5	53205	<5	.1	7	44	44	5	<.2
346 - 6	53206	<5	.1	6	38	36	4	<.2
346 - 7	53207	<5	<.1	4	28	31	4	<.2
346 - 8	53208	<5	<.1	4	26	41	7	<.2
346 - 9	53209	<5	<.1	12	34	52	7	<.2
346 - 10	53210	<5	.1	7	53	91	9	.2
346 - 11	53211	15	<.1	6	26	33	14	<.2
346 - 12	53212	<5	<.1	7	37	38	9	.2
346 - 13	53213	5	<.1	4	22	20	7	<.2
346 - 14	53214	<5	<.1	3	18	12	3	<.2
346 - 15	53215	5	<.1	7	55	52	6	<.2
346 - 16	53216	10	<.1	3	26	26	11	<.2
346 - 17	53217	5	<.1	4	18	10	4	<.2
346 - 18	53218	<5	<.1	3	22	12	8	<.2
346 - 19	53219	<5	<.1	3	23	7	7	<.2
346 - 20	53220	5	<.1	2	20	15	6	<.2
346 - 21	53221	<5	<.1	3	17	7	5	<.2
346 - 22	53222	<5	<.1	5	22	28	2	<.2
346 - 23	53227	<5	.1	5	24	35	2	<.2
346 - 24	53228	<5	<.1	6	33	31	2	<.2
346 - 25	53229	<5	<.1	5	28	38	2	<.2
346 - 26	53230	<5	<.1	7	65	60	2	<.2
346 - 27	53231	<5	<.1	4	32	48	2	<.2
346 - 28	53232	<5	<.1	6	56	42	3	<.2
346 - 29	53233	<5	<.1	8	54	57	3	<.2
346 - 30	53234	5	<.1	5	33	39	<1	<.2

TRENCH
858 E.

TRENCH
1393 E.

**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-6700 Fax 573-4567

Placer Dome Inc.

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
346 - 31	53235	<5	<.1	3	36	55	2	<.2
346 - 32	53236	<5	<.1	2	22	32	3	<.2
346 - 33	53237	<5	<.1	4	31	59	3	<.2
346 - 34	53238	<5	<.1	5	104	72	2	<.2
346 - 35	53239	<5	<.1	3	69	54	1	<.2
346 - 36	53240	<5	<.1	3	36	42	2	<.2
346 - 37	53241	<5	<.1	7	62	87	2	<.2
346 - 38	53242	70	<.1	6	44	71	2	<.2
346 - 39	53243	<5	<.1	7	30	102	4	<.2
346 - 40	53244	5	<.1	6	31	80	6	<.2
346 - 41	53245	10	<.1	5	29	81	6	<.2
346 - 42	53246	<5	<.1	10	31	103	7	<.2
346 - 43	53247	<5	.1	13	189	137	6	<.2
346 - 44	53248	<5	<.1	6	59	63	5	<.2
346 - 45	53249	<5	.1	15	148	142	5	<.2
346 - 46	53250	5	<.1	7	91	92	5	<.2
346 - 47	42872	<5	.1	6	32	61	6	<.2

TRENCH

1393 R.

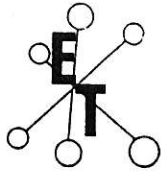
↑

TR 785 R.

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

F A X
Placer Dome

* Sample 42872 ~~no~~ occurs in
both shipments 323 + 346
We think the 42872 in 346 is
the right one, and it is
entered into the log
as such.



ECO-TECH LABORATORIES LTD.

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

BE
EP

JULY 10, 1989

CERTIFICATE OF ANALYSIS ETK 89-358

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

DATE RECEIVED: JUNE 26, 1989
 PROJECT: V245 *WH*
 NUMBER SAMPLES: 280
 TYPE SAMPLES: SOIL

REJECTS: STORE
 PULPS: STORE

NOTE: < = LESS THAN

ET#	Description	DEPTH (CM)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
358 - 1	TR 1393 0 M A	10	5	<.1	20	13	81	9	.4
358 - 2	TR 1393 0 M B	50	10	<.1	27	12	59	15	.4
358 - 3	TR 1393 10 M A	10	10	<.1	25	12	82	11	.2
358 - 4	TR 1393 20 M A	10	15	<.1	30	12	99	10	.2
358 - 5	TR 1393 20 M B	75	10	.1	45	20	76	16	.4
358 - 6	TR 1393 20 M C	130	10	.1	34	39	96	13	.4
358 - 7	TR 1393 30 M A	15	5	.1	30	10	84	10	.4
358 - 8	TR 1393 30 M B	50	25	.1	19	17	42	11	.2
358 - 9	TR 1393 30 M C	200	10	.1	27	24	104	13	.4
358 - 10	TR 1393 30 M D	350	15	.1	45	98	190	26	.4
358 - 11	L 5 + 00 W	6 + 75 N	5	.2	9	23	120	4	.2
358 - 12	L 5 + 00 W	7 + 00 N	5	.1	8	11	118	6	.2
358 - 13	L 5 + 00 W	7 + 25 N	5	.4	11	17	137	6	.2
358 - 14	L 5 + 00 W	7 + 50 N	<5	.1	8	18	129	5	.2
358 - 15	L 5 + 00 W	7 + 75 N	5	.3	9	17	140	7	.2
358 - 16	L 5 + 50 W	6 + 75 N	<5	.1	9	15	96	4	.2
358 - 17	L 5 + 50 W	7 + 00 N	<5	.1	12	11	97	8	<.2
358 - 18	L 5 + 50 W	7 + 25 N	<5	.1	8	16	100	7	<.2
358 - 19	L 5 + 50 W	7 + 50 N	<5	.1	7	8	82	3	<.2
358 - 20	L 5 + 50 W	7 + 75 N	<5	.1	9	9	92	3	<.2
358 - 21	L 6 + 50 W	6 + 75 N	<5	.1	6	11	143	3	<.2
358 - 22	L 6 + 50 W	7 + 00 N	5	.1	5	13	186	3	<.2
358 - 23	L 6 + 50 W	7 + 25 N	<5	.1	5	14	119	3	<.2
358 - 24	L 6 + 50 W	7 + 50 N	<5	.1	6	12	117	5	<.2
358 - 25	L 6 + 50 W	7 + 75 N	<5	.2	8	10	134	5	<.2
358 - 26	L 7 + 00 W	6 + 75 N	<5	.2	9	19	138	9	<.2
358 - 27	L 7 + 00 W	7 + 00 N	<5	.2	5	14	144	3	<.2
358 - 28	L 7 + 00 W	7 + 25 N	<5	.1	11	7	150	5	<.2
358 - 29	L 7 + 00 W	7 + 50 N	<5	.1	6	14	134	2	<.2
358 - 30	L 7 + 00 W	7 + 75 N	<5	.1	7	18	187	6	<.2



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 673-5700 Fax 673-4557

ES
EP

JULY 12, 1989

CERTIFICATE OF ANALYSIS ETK 89-386

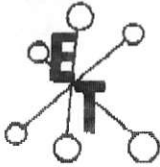
Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

DATE RECEIVED: JUNE 30, 1989 REJECTS: STORE
PROJECT: V232 (SPRING) PULPS: STORE
NUMBER SAMPLES: 36
TYPE SAMPLES: ROCK NOTE: > = MORE THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	As (ppm)	Sb (ppm)	Zn (ppm)
386 - 1	53319	5	.2	7	31	5	<.2	607
386 - 2	53320	10	.2	5	55	4	<.2	93
386 - 3	53321	10	.4	8	162	10	<.2	294
386 - 4	53322	5	.4	7	105	10	<.2	255
386 - 5	53323	10	.2	6	73	6	<.2	297
386 - 6	53324	10	.3	7	123	6	<.2	284
386 - 7	53325	5	.3	6	131	15	<.2	307
386 - 8	53326	5	.3	6	98	7	<.2	265
386 - 9	53327	5	.5	5	91	13	<.2	215
386 - 10	53328	10	.9	10	136	16	<.2	589
386 - 11	53329	5	1.9	11	50	39	<.2	449
386 - 12	53330	10	.6	10	72	40	<.2	327
386 - 13	53331	10	.5	7	64	12	<.2	345
386 - 14	53332	5	.7	8	48	19	<.2	421
386 - 15	53333	5	.6	3	15	10	<.2	94
386 - 16	53334	20	1.2	7	35	23	<.2	268
386 - 17	53335	15	.5	3	20	6	<.2	56
386 - 18	53336	15	.3	3	21	5	<.2	55
386 - 19	53337	10	.4	3	30	10	<.2	63
386 - 20	53338	5	.5	3	27	6	<.2	67
386 - 21	53339	10	.5	2	34	7	<.2	52
386 - 22	53340	10	.1	2	10	13	<.2	28
386 - 23	53341	15	.5	3	48	8	<.2	49
386 - 24	53342	10	.5	3	33	1	<.2	53
386 - 25	53343	20	.7	4	69	1	<.2	58
386 - 26	53344	5	.7	4	59	13	<.2	67
386 - 27	53345	15	.9	4	139	26	<.2	76
386 - 28	53346	10	.7	5	143	7	<.2	65
386 - 29	53347	10	.6	5	199	20	<.2	68
386 - 30	53348	5	1.1	5	463	18	<.2	77

TR0837N

TR0265N



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-6700 Fax 573-4557

PLACER DOME INC.

JULY 12, 1989

TROZGSN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	As (ppm)	Sb (ppm)	Zn (ppm)
386 - 31	53349~	10	.8	5	383	14	<.2	63
386 - 32	53350~	10	1.3	6	445	14	<.2	100
386 - 33	53351~	15	1.1	4	218	11	<.2	41
386 - 34	53352~	15	.9	8	312	13	<.2	88
386 - 35	53353~	10	.6	10	219	11	<.2	109
386 - 36	53354~	10	.9	5	620	16	<.2	156

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

F A X
 5089/PLACER1

SS → RP -



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

JULY 14, 1989

CERTIFICATE OF ANALYSIS ETK 89-371

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

DATE RECEIVED: JUNE 27, 1989 REJECTS: STORE
PROJECT: V232 PULPS: STORE
NUMBER SAMPLES: 21
TYPE SAMPLES: ROCK

NOTE: > = MORE THAN

TR0847N

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Pb (%)	Zn (ppm)	Zn (%)	As (ppb)	Sb (ppm)
371 - 1	53222	10	.7	3	64		305		46	<.2
371 - 2	53223	10	1.5	2	68		186		18	<.2
371 - 3	53224	<5	.6	4	108		282		26	<.2
371 - 4	53225	<5	.6	3	131		221		10	<.2
371 - 5	53251	<5	.8	8	90		447		16	<.2
371 - 6	53252	<5	.7	7	53		178		7	<.2
371 - 7	53253	<5	.6	5	83		352		13	<.2
371 - 8	53254	<5	.6	3	71		215		10	<.2
371 - 9	53255	10	1.8	7	117		295		18	<.2
371 - 10	53256	10	1.3	7	213		241		13	<.2
371 - 11	53257	<5	1	4	201		166		14	<.2
371 - 12	53258	5	1	7	341		229		13	<.2
371 - 13	53259	10	1	6	95		212		14	<.2
371 - 14	53260	<5	.8	7	76		202		13	<.2
371 - 15	53261	<5	.9	6	85		258		17	<.2
371 - 16	53262	5	1.1	7	61		311		12	<.2
371 - 17	53263	10	5.1	45	56		>1000	.30	20	<.2
371 - 18	53264	15	1.8	23	66		>1000	.12	15	1
371 - 19	53265	5	1.8	15	233		783		12	<.2
371 - 20	53266	20	6.3	55	>1000	.30	>1000	.23	14	.4
371 - 21	53267	5	1.5	41	218		>1000	.15	10	<.2

Douglas Howard
ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. Certified Assayer

F A X: ROB PEASE
5089/PI ACPR1

SB ORP -



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 873-6700 Fax 673-4667

JULY 12, 1989

CERTIFICATE OF ANALYSIS ETK 89-390

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

DATE RECEIVED: JULY 3, 1989 REJECTS: STORE
 PROJECT: V232 (sp) PULPS: STORE
 NUMBER SAMPLES: 33
 TYPE SAMPLES: ROCK NOTE: > = MORE THAN

TR1010 W

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
390 - 1	53355	10	.1	3	49	47	6	<.2
390 - 2	53356	10	.1	2	29	34	<1	<.2
390 - 3	53357	5	.1	3	21	59	<1	<.2
390 - 4	53358	5	.1	5	18	83	<1	<.2
390 - 5	53359	10	.1	4	22	95	5	<.2
390 - 6	53360	10	.1	4	27	72	3	<.2
390 - 7	53361	10	.1	3	26	77	4	<.2
390 - 8	53362	10	<.1	4	28	72	<1	<.2
390 - 9	53363	5	<.1	3	33	76	4	<.2
390 - 10	53364	10	<.1	3	34	44	6	<.2
390 - 11	53365	5	.1	4	41	207	5	<.2
390 - 12	53366	5	.1	4	56	242	<1	<.2
390 - 13	53367	5	.1	5	42	427	2	<.2
390 - 14	53368	10	3.0	54	159	727	<1	<.2
390 - 15	53369	15	.4	34	33	382	<1	<.2
390 - 16	53370	20	10.5	51	131	338	7	<.2
390 - 17	53371	5	1.1	15	40	239	5	<.2
390 - 18	53372	80	.1	6	32	160	<1	<.2
390 - 19	53373	5	.1	4	26	75	3	<.2
390 - 20	53374	5	<.1	5	25	92	5	<.2
390 - 21	53375	5	.1	3	24	43	<1	<.2
390 - 22	53376	5	.4	13	36	49	5	<.2
390 - 23	53377	10	<.1	4	27	40	4	<.2
390 - 24	53378	5	.1	4	29	42	4	<.2
390 - 25	53379	5	<.1	4	32	54	5	<.2
390 - 26	53380	5	<.1	4	37	35	15	<.2
390 - 27	53381	10	.1	7	23	80	5	<.2
390 - 28	53382	5	.6	14	18	80	6	<.2
390 - 29	53383	5	.1	11	15	92	5	<.2
390 - 30	53384	5	.1	12	14	68	3	<.2



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

PLACER DOME INC.

July 10, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
390 - 31	53385	5	.1	13	16	73	4	<.2
390 - 32	53386	5	<.1	10	18	68	5	<.2
390 - 33	53387	5	.2	11	26	138	4	<.2
390 - 34	53388	5	.4	10	39	274	4	<.2
390 - 35	53389	5	.3	9	49	251	8	<.2
390 - 36	53390	5	.2	11	35	131	7	<.2
390 - 37	53391	5	.1	8	26	79	4	<.2
390 - 38	53392	5	.1	9	19	72	6	<.2
390 - 39	53393	10	.2	13	37	138	4	<.2
390 - 40	53394	5	.1	13	83	259	2	<.2
390 - 41	53395	45	.2	16	92	402	2	<.2
390 - 42	53396	5	.2	28	48	80	3	<.2
390 - 43	53397	5	.1	10	15	94	1	<.2
390 - 44	53398	<5	.1	14	13	71	1	<.2
390 - 45	53399	10	1.1	24	40	268	34	<.2
390 - 46	53400	10	.5	10	27	96	5	<.2
390 - 47	53401	5	2.9	11	92	127	9	<.2
390 - 48	53402	300	2.2	30	129	199	5	<.2
390 - 49	53403	25	1.1	9	47	81	3	<.2
390 - 50	53404	5	.4	13	46	150	3	<.2
390 - 51	53405	40	1.3	32	94	758	11	<.2
390 - 52	53406	5	.1	35	29	63	4	<.2
390 - 53	53407	5	.1	15	17	94	6	<.2

TR1010W

Douglas Howard
 ECO-TECH LABORATORIES LTD.
 DOUG HOWARD
 B.C. Certified Assayer

F A X
 5039/PLACER1

7.17.1989 10:35

FROM ECO-TECH KAMLOOPS



ECO-TECH LABORATORIES LTD.

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

JS RP -

JULY 14, 1989

CERTIFICATE OF ANALYSIS ETK 89-383

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

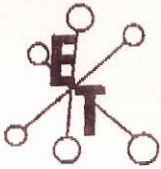
DATE RECEIVED: JUNE 29, 1989 REJECTS: STORE
PROJECT: V232 PULPS: STORE
NUMBER SAMPLES: 51
TYPE SAMPLES: ROCK

NOTE: > = MORE THAN

TR 0969 N

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
383 - 1	53268	15	<.1	4	21	360	9	<.2
383 - 2	53269	10	.1	4	17	270	8	<.2
383 - 3	53270	5	<.1	3	16	283	10	<.2
383 - 4	53271	15	.2	4	29	228	30	<.2
383 - 5	53272	5	.6	3	34	130	44	<.2
383 - 6	53273	5	.5	4	29	110	50	<.2
383 - 7	53274	10	.6	3	32	109	47	<.2
383 - 8	53275	5	.1	3	40	205	14	.3
383 - 9	53276	5	.1	3	22	170	9	<.2
383 - 10	53277	<5	.1	3	21	150	7	<.2
383 - 11	53278	5	.1	3	28	182	6	<.2
383 - 12	53279	5	<.1	3	32	195	25	<.2
383 - 13	53280	5	.1	3	20	194	8	<.2
383 - 14	53281	5	.1	5	39	190	6	<.2
383 - 15	53282	5	.1	3	27	237	5	<.2
383 - 16	53283	5	.1	3	19	148	5	<.2
383 - 17	53284	35	<.1	3	22	116	6	<.2
383 - 18	53285	5	<.1	3	17	160	7	<.2
383 - 19	53286	5	.1	2	21	172	3	<.2
383 - 20	53287	5	.1	2	20	177	11	<.2
383 - 21	53288	5	<.1	3	29	205	12	<.2
383 - 22	53289	<5	<.1	3	23	55	7	<.2
383 - 23	53290	5	<.1	2	19	168	6	<.2
383 - 24	53291	5	<.1	2	23	227	11	<.2
383 - 25	53292	5	.2	4	43	169	18	<.2
383 - 26	53293	5	.1	3	32	250	15	<.2
383 - 27	53294	5	.4	6	107	230	15	<.2
383 - 28	53295	5	1.3	10	145	232	40	<.2
383 - 29	53296	5	.1	4	22	156	30	<.2
383 - 30	53297	5	.1	5	20	183	34	<.2

Douglas Howard
DOUG HOWARD, Certified Assayer



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

Placer Dome Inc.

JULY 14, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)
383 - 31	53298	5	.1	4	22	200		12	<.2
383 - 32	53299	10	.1	3	20	200		11	<.2
383 - 33	53300	5	<.1	2	26	215		9	<.2
383 - 34	53301	<5	.1	2	27	180		10	<.2
383 - 35	53302	15	.2	3	32	231		9	<.2
383 - 36	53303	10	.1	2	15	125		6	<.2
383 - 37	53304	5	.2	2	29	155		6	<.2
383 - 38	53305	10	.1	2	21	138		20	<.2
383 - 39	53306	10	.1	7	16	85		38	<.2
383 - 40	53307	20	.8	7	42	190		43	<.2
383 - 41	53308	5	.3	6	14	117		27	<.2
383 - 42	53309	<5	.1	7	8	54		4	<.2
383 - 43	53310	<5	.2	5	11	32		7	<.2
383 - 44	53311	5	.5	7	21	122		33	<.2
383 - 45	53312	<5	<.1	10	20	>1000	.10	9	<.2
383 - 46	53313	5	<.1	14	35	700		10	<.2
383 - 47	53314	<5	.1	13	25	>1000	.10	17	<.2
383 - 48	53315	5	.6	9	78	260		8	<.2
383 - 49	53316	<5	.4	7	59	211		17	<.2
383 - 50	53317	5	.3	8	29	360		24	<.2
383 - 51	53318	5	.2	11	19	347		30	<.2

TR 0969 N

TR 0930N ←

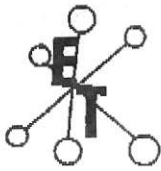
Douglas Howard

ECO-TECH LABORATORIES LTD.

DOUG HOWARD

B.C. Certified Assayer

F A X
5089/PLACER1



ECO-TECH LABORATORIES LTD.

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

~~SS~~
 RP

JULY 14, 1989

CERTIFICATE OF ANALYSIS ETK 89-357

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

DATE RECEIVED: JUNE 26, 1989 REJECTS: STORE
 PROJECT: V 245 V232 PULPS: STORE
 NUMBER SAMPLES: 1
 TYPE SAMPLES: ROCK NOTE: < = LESS THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
357 - 1	43075	<5	.5	4	34	123	8	<.2

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

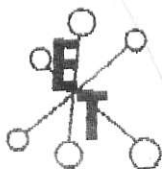
F A X: ROB PEASE
 SC89/PLACER1

FROM ECO-TECH KAMLOOPS

7.19.1989 15:47

88
P. 3

Rob



ECO-TECH LABORATORIES LTD.

ASSAYING • ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-6700 Fax 673-4657

JULY 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-399

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

=====

DATE RECEIVED: JULY 4, 1989 REJECTS: STORE
PROJECT: V232 (SPRING) PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK N O T E : > = MORE THAN

=====

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
399 - 1	53408	5	.2	14	15	92	7	<.2
399 - 2	53409	5	.3	12	12	86	4	<.2
399 - 3	53410	5	.2	10	16	103	3	<.2
399 - 4	53411	10	.4	14	21	128	4	<.2
399 - 5	53412	5	.3	11	16	127	3	<.2
399 - 6	53413	5	<.1	6	11	129	3	<.2

TR 1010 W

cc: ROB PEASE

Doug Howard

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

F A X
5089/PLACER1

SS RP-



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 673-5700 Fax 573-4557

JULY 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-417

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

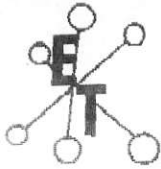
DATE RECEIVED: JULY 7, 1989 REJECTS: STORE
PROJECT: V 232 (SP) PULPS: STORE
NUMBER SAMPLES: 39
TYPE SAMPLES: ROCK NOTE: > = MORE THAN

TR 1335 W

↑

TR 1378 W

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
417 - 1	53414	10	<.1	3	10	23	4	<.2
417 - 2	53415	10	<.1	2	6	52	3	<.2
417 - 3	53416	15	<.1	2	8	31	2	<.2
417 - 4	53417	5	.1	2	11	31	4	<.2
417 - 5	53418	20	<.1	2	10	46	3	<.2
417 - 6	53419	5	<.1	2	16	33	4	<.2
417 - 7	53420	5	<.1	2	7	34	3	<.2
417 - 8	53421	10	.2	2	10	35	3	<.2
417 - 9	53422	10	.1	3	8	69	5	<.2
417 - 10	53423	10	<.1	2	9	57	4	<.2
417 - 11	53424	5	<.1	2	4	40	3	<.2
417 - 12	53425	15	.1	2	10	37	4	<.2
417 - 13	53426	5	.1	1	12	50	4	<.2
417 - 14	53427	10	<.1	3	9	80	4	<.2
417 - 15	53428	15	<.1	8	34	151	3	<.2
417 - 16	53429	10	.4	53	44	127	6	<.2
417 - 17	53430	5	.3	20	45	124	3	<.2
417 - 18	53431	15	2.8	5	19	74	4	<.2
417 - 19	53432	5	2.1	5	108	126	3	<.2
417 - 20	53433	10	.1	3	12	87	3	<.2
417 - 21	53434	15	<.1	3	5	85	2	<.2
417 - 22	53435	5	.1	3	5	67	3	<.2
417 - 23	53436	10	.2	5	18	73	3	<.2
417 - 24	53437	10	<.1	4	10	65	2	<.2
417 - 25	53438	10	.2	4	255	432	4	<.2
417 - 26	53440	10	.1	3	16	74	48	<.2
417 - 27	53441	5	<.1	3	10	71	47	<.2
417 - 28	53442	5	.2	5	32	490	44	<.2
417 - 29	53444	10	<.1	2	36	100	48	<.2
417 - 30	53445	10	<.1	1	12	40	46	<.2

**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

PLACER DOME - ETK89-417

JULY 18, 1989

ETH	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
417 - 31	53446	5	<.1	2	28	97	47	<.2
417 - 32	53447	5	<.1	2	18	82	4	<.2
417 - 33	53448	40	.1	2	16	87	3	<.2
417 - 34	53449	10	.1	1	14	50	3	<.2
417 - 35	53450	45	.2	2	16	43	4	<.2
417 - 36	53451	20	<.1	1	12	36	3	<.2
417 - 37	53452	15	<.1	2	12	36	4	<.2
417 - 38	53453	15	<.1	1	6	39	4	<.2
417 - 39	53454	10	<.1	1	13	27	6	<.2

TR1378W

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

F A X
 SCB9/PLACER1

cc: ROB PEASE



ECO-TECH LABORATORIES LTD.

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

SS REP -

JULY 19, 1989

CERTIFICATE OF ANALYSIS ETK 89-443

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

22

DATE RECEIVED: JULY 14, 1989 REJECTS: N/A
 PROJECT: SPRING V 232 PULPS: STORE
 NUMBER SAMPLES: 22
 TYPE SAMPLES: SOIL

NOTE: > = MORE THAN

ET#	Description	DEPTH (cm)	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
443 - 1	TR 3221 E	6 + 2 NA 10	5	<.1	16	15	163
443 - 2	TR 3221 E	6 + 2 NB 90	<5	<.1	36	15	94
443 - 3	TR 3221 E	6 + 2 NC 180	<5	<.1	34	22	103
→ 443 - 4	TR 3221 E	6 + 9 NA 15	50	<.1	14	16	160
443 - 5	TR 3221 E	6 + 9 NB 120	5	<.1	34	16	114
443 - 6	TR 3221 E	6 + 9 NC 220	15	<.1	36	26	113
443 - 7	TR 3221 E	6 + 19 NA 15	<5	<.1	16	14	133
443 - 8	TR 3221 E	6 + 19 NB 115	<5	<.1	32	17	91
443 - 9	TR 3221 E	6 + 19 NC 240	15	<.1	33	25	117
443 - 10	TR 34 + 27 E	6 + 25 NA 30	10	.1	23	15	162
→ 443 - 11	TR 34 + 27 E	6 + 25 NB 125	<5	<.1	138	30	113
443 - 12	TR 34 + 27 E	6 + 35 NA 30	<5	<.1	23	15	120
443 - 13	TR 34 + 27 E	6 + 35 NB 100	5	<.1	64	14	73
443 - 14	TR 34 + 27 E	6 + 50 NA 30	5	<.1	28	15	136
443 - 15	TR 34 + 27 E	6 + 50 NB 90	<5	<.1	63	31	144
443 - 16	TR 34 + 27 E	6 + 60 NA 30	<5	<.1	31	13	134
443 - 17	TR 34 + 27 E	6 + 70 NA 20	<5	<.1	24	9	190
443 - 18	TR 34 + 27 E	6 + 80 NA 30	<5	<.1	46	15	134
443 - 19	TR 34 + 27 E	6 + 80 NB 100	10	.2	55	35	140
→ 443 - 20	TR 34 + 27 E	6 + 80 NC 200	<5	<.1	83	100	341
443 - 21	TR 34 + 27 E	6 + 90 NA 30	<5	<.1	31	16	172
443 - 22	TR 34 + 27 E	6 + 90 NB 100	5	.1	91	33	150

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

PLA X - ROB PEASE
 SUB9/PLACER1

BS
P. E
RP



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 673-5700 Fax 673-4557

JULY 24, 1989

CERTIFICATE OF ANALYSIS ETK 89-444

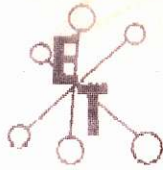
Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9

DATE RECEIVED: JULY 14, 1989
PROJECT: V232
NUMBER SAMPLES: 57
TYPE SAMPLES: ROCK

PULPS: STORE
REJECTS: STORE
< = LESS THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
444 - 1	53482	5	.1	246	15	87	24	1.5
444 - 2	53483	<5	<.1	137	20	78	23	.9
444 - 3	53484	<5	.3	869	15	99	41	2.8
444 - 4	53485	20	1	711	41	350	41	1.9
444 - 5	53486	5	.5	811	15	130	46	1.3
444 - 6	53487	<5	<.1	36	12	166	15	1.2
444 - 7	53488	10	<.1	185	11	103	37	1.3
444 - 8	53489	5	.2	41	16	334	17	1.4
444 - 9	53490	<5	<.1	46	10	129	7	1.6
444 - 10	53491	10	.2	56	47	590	35	3.9
444 - 11	53492	<5	<.1	52	35	293	29	4
444 - 12	53493	<5	<.1	52	4	88	12	1.9
444 - 13	53494	5	<.1	78	6	75	6	3.9
444 - 14	53495	<5	<.1	23	1	56	4	4.3
444 - 15	53496	5	<.1	19	<1	38	5	2.2
444 - 16	53497	<5	<.1	22	<1	35	3	1.1
444 - 17	53498	<5	<.1	30	1	51	2	1.3
444 - 18	53499	<5	.3	26	20	37	3	.5
444 - 19	53500	<5	.1	30	7	55	4	.6
444 - 20	53501	5	<.1	38	8	64	4	<.1
444 - 21	53502	<5	<.1	29	13	61	3	<.1
444 - 22	53503	5	<.1	26	17	51	4	<.1
444 - 23	53504	<5	<.1	14	13	45	5	<.1
444 - 24	53505	<5	<.1	161	12	43	8	.4
444 - 25	53506	<5	<.1	12	9	53	14	.4
444 - 26	53507	5	<.1	22	10	51	8	<.1
444 - 27	53508	<5	<.1	5	12	118	7	.2
444 - 28	53509	<5	<.1	21	7	38	5	.3
444 - 29	53510	<5	.2	7	11	42	3	<.1
444 - 30	53511	<5	.1	12	14	74	4	<.1

TR 3427E



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

Placer Dome Inc.

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
444 - 31	53512	5	<.1	8	18	48	3	<.1
444 - 32	53513	<5	<.1	12	17	46	3	<.1
444 - 33	53514	<5	.1	16	16	62	3	<.1
444 - 34	53515	<5	.2	12	16	70	2	<.1
444 - 35	53516	<5	.1	34	11	103	4	<.1
444 - 36	53517	5	<.1	16	15	78	10	.6
444 - 37	53518	<5	<.1	8	10	64	8	.6
444 - 38	53519	<5	<.1	17	18	106	5	.5
444 - 39	53520	<5	<.1	12	16	135	7	.3
444 - 40	53521	<5	.2	2	9	485	14	2
444 - 41	53522	<5	.2	1	20	112	32	2.3
444 - 42	53523	<5	.6	10	10	22	18	.4
444 - 43	53524	5	<.1	26	22	51	4	<.1
444 - 44	53525	<5	.2	18	35	250	48	5.1
444 - 45	53526	10	.2	10	17	111	13	.4
444 - 46	53527	<5	.2	4	12	91	19	.7
444 - 47	53528	<5	<1	<1	11	117	44	3.4
444 - 48	53529	<5	.2	76	14	266	42	10.5
444 - 49	53530	<5	.2	2	24	229	14	2.8
444 - 50	53531	<5	.1	10	20	81	9	.5
444 - 51	53532	5	<.1	2	26	111	8	.3
444 - 52	53533	<5	<.1	1	26	77	10	.2
444 - 53	53534	10	.2	27	16	267	16	1.1
444 - 54	53535	5	<.1	10	23	198	27	1.8
444 - 55	53536	<5	.1	24	17	231	28	2.2
444 - 56	53537	<5	<.1	34	15	135	20	1.5
444 - 57	53538	5	<.1	23	7	89	7	.6

TR 3427E
TR 3228E
TR 3427E
TR 3228E

CC: ROB PEASE

F A X
SCB9/PLACER1

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

JULY 24, 1989

CERTIFICATE OF ANALYSIS ETK 89-424

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

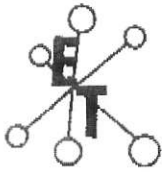
DATE RECEIVED: JULY 10, 1989 REJECTS: STORE
PROJECT: V232 PULPS: STORE
NUMBER SAMPLES: 29
TYPE SAMPLES: ROCK NOTE: > = MORE THAN

TR 0170w

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
424 - 1	53439	5	<.1	5	120	173	4	<.1
424 - 2	53443	5	.2	6	41	317	3	<.1
424 - 3	53455	5	.7	7	156	182	4	<.1
424 - 4	53456	5	1.4	5	97	70	7	<.1
424 - 5	53457	10	.7	6	165	82	14	<.1
424 - 6	53458	10	.4	4	230	72	23	<.1
424 - 7	53459	10	.2	3	64	48	7	<.1
424 - 8	53460	5	.5	2	34	53	4	<.1
424 - 9	53461	5	.1	2	33	42	14	<.1
424 - 10	53462	5	.3	3	53	33	6	<.1
424 - 11	53463	5	.2	4	41	99	12	<.1
424 - 12	53464	5	.3	4	30	114	7	<.1
424 - 13	53465	10	.1	6	40	71	6	<.1
424 - 14	53466	10	.1	9	45	59	12	<.1
424 - 15	53467	5	.2	2	68	32	8	<.1
424 - 16	53468	5	.1	3	125	41	11	<.1
424 - 17	53469	5	.3	3	250	11	14	<.1
424 - 18	53470	5	.4	2	56	31	17	<.1
424 - 19	53471	10	.2	1	36	26	30	<.1
424 - 20	53472	5	.1	4	40	83	15	<.1
424 - 21	53473	5	.1	12	52	69	6	<.1
424 - 22	53474	5	<.1	4	98	99	7	<.1
424 - 23	53475	5	<.1	2	98	70	10	<.1
424 - 24	53476	10	.2	3	63	102	3	<.1
424 - 25	53477	5	.8	7	115	192	6	<.1
424 - 26	53478	5	.7	9	114	176	12	<.1
424 - 27	53479	10	.7	6	157	177	14	<.1
424 - 28	53480	5	.9	6	110	158	6	<.1
424 - 29	53481	5	.7	3	136	136	7	<.1

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

F A X
5089/PLACER1



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
 10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

JUL 31, 1989

CERTIFICATE OF ANALYSIS ETK 89-460

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

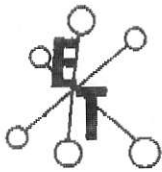
TR 001 E

DATE RECEIVED: JULY 19, 1989 REJECTS: STORE
 PROJECT: V232 PULPS: STORE
 NUMBER SAMPLES: 59
 TYPE SAMPLES: ROCK

NOTE: > = MORE THAN

ET#	Description	Al (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Zn (%)	As (ppm)	Sb (ppm)
460 - 1	53539	5	.4	35	68	669		<1	8.3
460 - 2	53540	15	6.1	19	394	725		<1	6.8
460 - 3	53541	<5	.7	9	99	591		<1	7.0
460 - 4	53542	<5	.2	6	103	512		<1	7.1
460 - 5	53543	<5	.4	11	107	214		<1	8.2
460 - 6	53544	<5	<.1	7	95	348		<1	6.0
460 - 7	53545	<5	<.1	9	203	527		<1	5.4
460 - 8	53546	<5	.2	11	335	892		<1	4.9
460 - 9	53547	<5	<.1	17	701	804		<1	6.7
460 - 10	53548	<5	.5	72	102	443		<1	5.3
460 - 11	53549	<5	1.0	17	142	270		<1	6.6
460 - 12	53550	<5	.3	6	94	212		<1	6.1
460 - 13	53551	<5	<.1	15	197	800		<1	6.0
460 - 14	53552	<5	.2	14	37	135		<1	6.1
460 - 15	53553	<5	.4	10	36	98		<1	6.2
460 - 16	53554	<5	.3	26	22	459		<1	5.0
460 - 17	53555	<5	.3	11	126	549		<1	5.1
460 - 18	53556	<5	1.4	8	203	574		<1	4.7
460 - 19	53557	<5	.9	4	87	391		<1	6.8
460 - 20	53558	<5	.4	13	86	287		<1	7.2
460 - 21	53559 ←	<5	.2	22	43	324		<1	9.1
460 - 22	53560	<5	.3	57	35	178		<1	8.8
460 - 23	53561	<5	1.3	40	19	475		<1	6.2
460 - 24	53562	<5	.9	29	78	210		<1	8.0
460 - 25	53563	<5	.7	24	26	309		<1	7.6
460 - 26	53564 ✓	<5	.7	47	67	>1000	.29	<1	7.3
460 - 27	53565 ←	<5	.3	21	36	555		<1	6.2
460 - 28	53566	<5	<.1	8	131	568		<1	6.7
460 - 29	53567	<5	<.1	5	121	464		<1	8.1
460 - 30	53568	<5	.3	6	56	338		<1	7.1

TR 001 E



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

Placer Dome Inc.

JUL 1, 1989

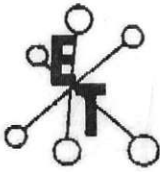
ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Pb (%)	Zn (ppm)	As (ppm)	Sb (ppm)
460 - 31	53569	5	<.1	7	143		410	4	7.8
460 - 32	53570	5	.1	27	>1000	.18	362	4	7.3
460 - 33	53571	5	.7	21	336		393	4	6.5
460 - 34	53572	5	.4	27	28		555	4	6.1
460 - 35	53573	5	<.1	28	18		166	4	6.0
460 - 36	53574	5	.5	50	59		788	4	6.0
460 - 37	53575	5	.2	48	53		374	4	6.0
460 - 38	53576	5	.1	26	14		294	4	6.0
460 - 39	53577	10	.2	21	13		104	4	2.0
460 - 40	53578	5	.3	65	49		733	3	1.5
460 - 41	53579	5	.1	39	17		139	2	1.9
460 - 42	53580	5	<.1	43	21		206	3	1.2
460 - 43	53581	5	.2	40	36		479	5	1.0
460 - 44	53582	5	.1	30	24		236	3	1.6
460 - 45	53583	5	<.1	25	42		731	2	1.0
460 - 46	53584	5	<.1	23	18		180	2	.7
460 - 47	53585	5	.2	18	45		133	17	2.1
460 - 48	53586	5	.3	13	52		157	11	2.0
460 - 49	53587	5	.2	9	47		179	4	1.7
460 - 50	53588	5	.1	9	18		93	5	1.6
460 - 51	53589	5	<.1	6	14		65	2	.8
460 - 52	53590	5	.2	8	28		79	3	.9
460 - 53	53591	5	.2	7	24		39	5	1.6
460 - 54	53592	5	.2	5	40		35	3	1.4
460 - 55	53593	5	.1	6	47		35	3	1.2
460 - 56	53594	5	.8	5	36		27	2	1.7
460 - 57	53595	5	1.1	7	76		54	5	1.5
460 - 58	53596	5	.5	3	142		83	4	1.8
460 - 59	53597	5	.4	7	70		62	3	1.0

TR 001 E

TR 285 E (RE-SAMPLE)

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

F A X
 5089/PLACER4

**ECO-TECH LABORATORIES LTD.**

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

AUGUST 18, 1989

CERTIFICATE OF ANALYSIS ETK 89-573
=====

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

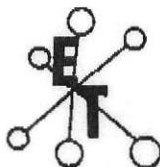
TR 1565W

=====

DATE RECEIVED:	AUGUST 8, 1989	REJECTS:	STORE
PROJECT:	V232 (SPRING 89)	PULPS:	STORE
NUMBER SAMPLES:	89		
TYPE SAMPLES:	ROCK	NOTE:	> = MORE THAN

=====

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
573 - 1	53654	10	<.1	5	16	99	5	<.2
573 - 2	53655	15	<.1	5	54	183	3	<.2
573 - 3	53656	5	.2	3	97	296	2	<.2
573 - 4	53657	5	.2	4	199	368	2	<.2
573 - 5	53658	<5	.2	4	10	85	2	<.2
573 - 6	53659	30	.4	3	24	69	3	<.2
573 - 7	53660	10	.2	3	124	108	2	<.2
573 - 8	53661	<5	.1	3	21	104	4	<.2
573 - 9	53662	5	.5	2	37	64	4	<.2
573 - 10	53663	5	.3	4	26	114	4	<.2
573 - 11	53664	5	.2	5	22	159	4	<.2
573 - 12	53665	<5	.2	3	263	240	3	<.2
573 - 13	53666	10	.3	4	19	330	3	<.2
573 - 14	53667	<5	.3	5	21	312	3	<.2
573 - 15	53668	<5	.2	4	2	214	2	<.2
573 - 16	53669	15	.2	3	18	176	1	<.2
573 - 17	53670	10	<.1	3	4	96	2	<.2
573 - 18	53692	<5	<.1	4	25	48	2	<.2
573 - 19	53701	5	.1	2	11	120	1	<.2
573 - 20	53702	<5	<.1	2	5	84	2	<.2
573 - 21	53703	<5	.1	3	10	122	1	<.2
573 - 22	53704	<5	.1	2	7	91	2	<.2
573 - 23	53705	<5	.1	2	5	70	1	<.2
573 - 24	53706	<5	.2	1	5	68	2	<.2
573 - 25	53707	5	.1	2	31	202	2	<.2
573 - 26	53708	10	.1	2	69	290	1	<.2
573 - 27	53709	<5	.1	1	7	105	<1	<.2
573 - 28	53710	5	.2	4	16	87	<1	<.2
573 - 29	53711	<5	.1	8	22	123	2	<.2
573 - 30	53712	5	.1	5	32	131	3	<.2



ECO-TECH LABORATORIES LTD.

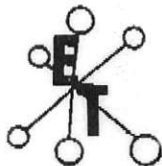
ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-5700 Fax 573-4557

Placer Dome Inc.

AUGUST 18, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
573 - 31	53713	10	.1	6	5	96	2	<.2
573 - 32	53714	5	.2	6	23	128	5	<.2
573 - 33	53715	10	.8	4	49	36	3	<.2
573 - 34	53716	<5	.2	4	14	83	2	<.2
573 - 35	53717	<5	.1	4	11	90	2	<.2
573 - 36	53718	<5	<.1	3	13	114	2	<.2
573 - 37	53719	<5	.1	7	22	170	2	<.2
573 - 38	53720	<5	.1	9	189	164	5	<.2
573 - 39	53721	5	.1	3	67	160	4	<.2
573 - 40	53722	5	.1	1	32	39	2	<.2
573 - 41	53723	<5	<.1	<1	15	20	2	<.2
573 - 42	53724	<5	.1	<1	19	66	3	<.2
573 - 43	53725	5	.2	2	47	231	4	<.2
573 - 44	53726	<5	.1	4	19	84	4	<.2
573 - 45	53727	5	<.1	1	5	47	4	<.2
573 - 46	53728	<5	<.1	1	6	38	2	<.2
573 - 47	53729	5	<.1	3	6	35	3	<.2
573 - 48	53730	5	.1	6	5	34	4	<.2
573 - 49	53731	15	.1	2	17	47	3	<.2
573 - 50	53732	10	.1	3	13	29	2	<.2
573 - 51	53733	20	<.1	5	10	30	2	<.2
573 - 52	53734	25	.4	5	29	45	2	<.2
573 - 53	53735	20	.1	5	13	52	3	<.2
573 - 54	53736	<5	.1	3	10	98	2	<.2
573 - 55	53737	5	.1	2	8	92	2	<.2
573 - 56	53738	<5	.1	5	8	103	2	<.2
573 - 57	53739	10	.1	<1	7	98	2	<.2
573 - 58	53740	<5	.3	4	34	70	9	<.2
573 - 59	53741	5	.1	1	37	132	4	<.2
573 - 60	53742	5	.1	2	21	157	2	<.2
573 - 61	53743	20	.1	3	59	179	3	<.2
573 - 62	53744	10	.1	2	73	237	4	<.2
573 - 63	53745	25	.1	2	78	125	2	<.2
573 - 64	53746	10	.1	5	37	65	2	<.2
573 - 65	53747	5	<.1	4	39	38	2	<.2
573 - 66	53748	10	.6	7	94	66	2	<.2
573 - 67	53749	5	.2	6	65	132	2	<.2
573 - 68	53750	5	.1	5	15	121	2	<.2
573 - 69	53751	20	.1	6	61	249	2	<.2
573 - 70	53752	35	<.1	4	6	70	2	<.2
573 - 71	53753	10	<.1	6	5	85	2	<.2
573 - 72	53754	5	.1	5	9	112	2	<.2
573 - 73	53755	<5	.1	4	6	80	<1	<.2
573 - 74	53756	5	.1	8	4	114	1	<.2
573 - 75	53757	5	<.1	9	7	163	2	<.2

**ECO-TECH LABORATORIES LTD.**

ASSAYING • ENVIRONMENTAL TESTING

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

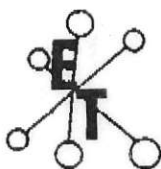
Placer Dome Inc.

AUGUST 18, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
573 - 76	53758	10	<.1	6	11	179	2	<.2
573 - 77	53759	10	.1	2	8	142	5	<.2
573 - 78	53760	5	.1	3	12	124	2	<.2
573 - 79	53761	5	.1	2	10	68	<1	<.2
573 - 80	53762	5	<.1	3	8	74	2	<.2
573 - 81	53763	15	.2	3	98	224	2	<.2
573 - 82	53764	10	.1	2	6	89	2	<.2
573 - 83	53765	10	.1	3	13	125	2	<.2
573 - 84	53766	5	.1	3	14	163	<1	<.2
573 - 85	53767	10	.4	2	52	250	2	<.2
573 - 86	53768	10	.6	4	211	317	1	<.2
573 - 87	53770	5	.2	2	108	210	2	<.2
573 - 88	53771	5	.3	12	45	270	<1	<.2
573 - 89	53772	10	.9	49	398	460	2	<.2

Douglas Howard
 ECO-TECH LABORATORIES LTD.
 DOUG HOWARD
 B.C. Certified Assayer

F A X - ROB PEASE
 SC89/PLACERS5



ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4657

AUGUST 22, 1989

CERTIFICATE OF ANALYSIS ETK 89-584

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

TR 1565W

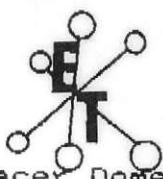
=====

DATE RECEIVED:	AUGUST 9, 1989	REJECTS:	STORE
PROJECT:	V232	PULPS:	STORE
NUMBER SAMPLES:	75	SPRING 89 ROCKS	
TYPE SAMPLES:	ROCK	NOTE:	> = MORE THAN

=====

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Pb (%)	Zn (ppm)	As (ppm)	Sb (ppm)
584 - 1	53671	30	1.9	6	219		198	6	1.7
584 - 2	53672	25	<.1	13	148		274	5	.3
584 - 3	53673	15	<.1	4	88		237	2	.2
584 - 4	53674	30	<.1	37	140		580	2	.3
584 - 5	53675	20	.5	50	>1000	.10	498	2	.3
584 - 6	53676	25	<.1	31	627		412	2	.4
584 - 7	53677	90	<.1	11	146		300	3	.3
584 - 8	53678	25	.5	52	95		540	2	.2
584 - 9	53679	20	<.1	10	219		380	2	.2
584 - 10	53680	20	<.1	8	64		196	<1	.3
584 - 11	53681	15	<.1	3	21		101	1	.2
584 - 12	53682	30	.1	7	>1000	.12	430	<1	.1
584 - 13	53683	25	<.1	3	32		201	<1	.5
584 - 14	53684	10	<.1	6	453		196	<1	.2
584 - 15	53685	15	<.1	5	27		149	<1	.2
584 - 16	53686	20	<.1	5	18		148	<1	.1
584 - 17	53687	20	<.1	6	56		392	<1	.1
584 - 18	53688	10	<.1	3	175		320	2	.2
584 - 19	53689	20	<.1	7	78		54	2	<.1
584 - 20	53690	15	<.1	8	44		120	3	.5
584 - 21	53693	20	<.1	7	353		158	1	.3
584 - 22	53769	10	.2	5	86		220	2	.4
584 - 23	53773	30	.2	3	428		310	1	.2
584 - 24	53774	25	<.1	5	204		84	1	.2
584 - 25	53775	20	<.1	6	66		155	1	.1
584 - 26	53776	20	<.1	5	80		107	1	.1
584 - 27	53777	30	<.1	6	260		325	1	.2
584 - 28	53778	25	<.1	5	335		220	<1	.1
584 - 29	53779	50	1	3	700		289	<1	.1
584 - 30	53780	10	<.1	8	389		258	<1	.2

Douglas Howard
DOUG HOWARD, Certified Assayer



Placer Dome Inc.

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

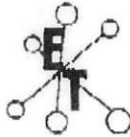
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (604) 573-5700 Fax 573-4557

AUGUST 22, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
584 - 31	53781	20	<.1	9	238	190	<1	.1
584 - 32	53782	<5	.2	8	30	132	<1	.2
584 - 33	53783	<5	<.1	30	45	110	<1	<.1
584 - 34	53784	5	<.1	4	41	139	<1	<.1
584 - 35	53785	5	<.1	2	78	320	1	.2
584 - 36	53786	<5	<.1	2	94	306	1	.2
584 - 37	53787	5	5.2	8	128	590	1	.2
584 - 38	53788	<5	<.1	13	23	144	<1	.2
584 - 39	53789	<5	.5	4	41	221	1	.2
584 - 40	53790	<5	.2	5	75	371	1	.1
584 - 41	53791	5	.1	3	78	188	1	.2
584 - 42	53792	<5	.1	2	83	240	<1	.1
584 - 43	53793	<5	.2	16	209	338	<1	.1
584 - 44	53794	5	.3	8	74	390	1	.2
584 - 45	53795	5	.4	9	80	225	<1	.1
584 - 46	53796	5	.1	10	67	199	<1	.1
584 - 47	53797	10	.3	3	32	175	<1	<.1
584 - 48	53798	15	<.1	2	86	230	<1	.1
584 - 49	53799	20	.1	2	58	136	<1	.2
584 - 50	53800	15	.2	1	49	116	<1	.1
584 - 51	53801	10	.3	2	47	200	<1	.1
584 - 52	53802	15	.1	1	64	196	<1	.1
584 - 53	53803	10	.1	3	23	79	<1	.2
584 - 54	53804	15	.3	11	77	280	<1	.1
584 - 55	53805	10	.1	4	39	115	3	<.1
584 - 56	53806	5	<.1	2	59	200	<1	<.1
584 - 57	53807	15	.1	1	32	180	<1	<.1
584 - 58	53808	20	.4	2	20	115	<1	.2
584 - 59	53809	10	.1	2	19	110	<1	.1
584 - 60	53810	40	.1	2	44	330	<1	.2
584 - 61	53811	15	.3	3	104	425	<1	.1
584 - 62	53812	15	<.1	2	136	299	<1	.1
584 - 63	53813	20	<.1	3	114	400	<1	.1
584 - 64	53814	15	.1	4	60	264	<1	.1
584 - 65	53815	45	.6	3	125	297	<1	<.1
584 - 66	53816	25	.4	13	61	232	<1	<.1
584 - 67	53817	20	.2	2	21	120	<1	<.1
584 - 68	53818	15	<.1	1	28	65	<1	.2
584 - 69	53819	5	<.1	1	27	145	<1	.2
584 - 70	53820	20	.2	2	56	160	<1	.1
584 - 71	53821	15	.1	1	85	154	<1	.1
584 - 72	53822	<5	.3	1	47	64	<1	.1
584 - 73	53823	<5	.2	1	99	112	<1	.1
584 - 74	53824	15	.1	1	102	107	<1	.1
584 - 75	53825	5	.1	2	26	123	<1	.1

Douglas Howard
 ECO-TECH LABORATORIES LTD.
 DOUG HOWARD
 B.C. Certified Assayer

F A X - ROB PEASE
 SC89/PLACER6

**ECO-TECH LABORATORIES LTD.**

ASSAYING - ENVIRONMENTAL TESTING

10041 East Trans Canada Hwy., Kamloops B.C. V2C 2L3 (804) 873-9700 Fax 873-4557

AUGUST 24, 1989

CERTIFICATE OF ANALYSIS FTK 89-607

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1B 1J9

DATE RECEIVED: AUGUST 14, 1989 REJECTS: STORE
PROJECT: V232(SP) PULPS: STORE
NUMBER SAMPLES: 75
TYPE SAMPLES: ROCK NOTE: < = LESS THAN

ET#	Description	As (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
607 - 1	53826	10	3.4	17	989	210	7	2.6
607 - 2	53827	5	.3	5	30	64	6	<.2
607 - 3	53828	<5	.1	10	66	60	10	.2
607 - 4	53829	35	.1	17	51	95	11	<.2
607 - 5	53830	5	.1	23	154	275	6	<.2
607 - 6	53831	5	.1	11	40	260	10	<.2
607 - 7	53832	10	.3	8	20	72	17	<.2
607 - 8	53833	10	.2	4	19	60	6	<.2
607 - 9	53834	10	<.1	4	14	39	8	<.2
607 - 10	53835	15	.1	6	17	68	7	<.2
607 - 11	53836	25	.5	6	34	170	44	<.2
607 - 12	53837	15	.3	7	61	280	21	<.2
607 - 13	53838	20	.4	10	42	360	17	<.2
607 - 14	53839	10	.1	9	37	250	12	<.2
607 - 15	53840	10	.2	5	27	88	16	.2
607 - 16	53841	15	<.1	5	15	101	17	<.2
607 - 17	53842	20	.3	10	26	140	10	<.2
607 - 18	53843	20	.2	12	33	109	8	<.2
607 - 19	53844	10	.1	11	48	104	10	<.2
607 - 20	53845	15	<.1	8	48	100	9	<.2
607 - 21	53846	10	.4	10	95	110	7	<.2
607 - 22	53847	15	.2	8	51	86	10	<.2
607 - 23	53848	10	.3	6	41	130	14	<.2
607 - 24	53849	15	.2	6	85	175	7	.2
607 - 25	53850	5	.1	11	67	107	6	<.2
607 - 26	53851	10	.1	14	127	103	5	<.2
607 - 27	53852	30	.1	5	43	60	6	<.2
607 - 28	53853	15	<.1	5	28	61	8	<.2
607 - 29	53854	10	.3	10	41	100	6	<.2
607 - 30	53855	15	<.1	8	23	45	12	<.2

**ECO-TECH LABORATORIES LTD.**

ASSAYING ENVIRONMENTAL TESTING
10041 East Trans Canada Hwy., Kamloops, B.C. V2C 2J3 (804) 573-6700 Fax 573-4507

AUGUST 24, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)	Sb (ppm)
607 - 31	53856	20	.2	9	22	32	5	.4
607 - 32	53857	30	.1	9	48	74	7	<.2
607 - 33	53858	20	<.1	12	79	104	6	<.2
607 - 34	53859	10	.2	22	114	200	6	<.2
607 - 35	53860	15	.3	21	97	129	7	<.2
607 - 36	53861	10	<.1	19	113	138	7	<.2
607 - 37	53862	20	<.1	20	109	145	6	.6
607 - 38	53863	15	.2	21	58	106	8	.2
607 - 39	53864	10	<.1	14	29	78	9	<.2
607 - 40	53865	10	<.1	19	32	138	7	<.2
607 - 41	53866	10	.2	13	17	78	10	<.2
607 - 42	53867	5	.1	17	27	67	7	<.2
607 - 43	53868	5	.1	12	26	58	6	<.2
607 - 44	53869	20	.3	10	29	76	13	<.2
607 - 45	53870	10	<.1	18	43	210	23	<.2
607 - 46	53871	10	.4	17	31	135	19	<.2
607 - 47	53872	15	.3	19	35	120	24	<.2
607 - 48	53873	15	<.1	24	44	140	18	<.2
607 - 49	53874	10	.1	41	38	104	21	<.2
607 - 50	53875	10	<.1	16	24	44	8	<.2
607 - 51	53876	13	.1	10	21	23	7	<.2
607 - 52	53877	10	<.1	11	23	40	6	<.2
607 - 53	53878	<5	<.1	22	25	80	7	<.2
607 - 54	53879	10	.2	12	39	92	11	<.2
607 - 55	53880	<5	<.1	13	23	77	5	<.2
607 - 56	53881	15	<.1	10	22	96	8	<.2
607 - 57	53882	20	.1	14	27	150	7	<.2
607 - 58	53883	15	<.1	8	20	52	5	<.2
607 - 59	53884	10	<.1	9	27	78	5	<.2
607 - 60	53885	20	<.1	10	51	67	6	<.2
607 - 61	53886	10	.3	19	52	70	8	<.2
607 - 62	53887	20	.4	11	42	51	7	<.2
607 - 63	53888	45	.1	5	43	42	6	<.2
607 - 64	53889	10	.3	4	33	40	4	<.2
607 - 65	53890	10	.2	8	78	49	17	<.2
607 - 66	53891	15	.1	14	142	66	32	1.0
607 - 67	53892	10	<.1	5	25	36	5	<.2
607 - 68	53893	<5	.1	7	18	30	4	<.2
607 - 69	53894	15	<.1	10	34	54	8	<.2
607 - 70	53895	20	.3	13	57	148	8	<.2
607 - 71	53896	10	<.1	27	105	84	4	<.2
607 - 72	53926	10	<.1	10	77	400	11	<.2
607 - 73	53927	15	.2	74	70	370	18	.4
607 - 74	53928	35	.7	28	46	330	12	.2
607 - 75	53929	20	.2	7	33	96	15	<.2

cc: ROB PLEGE
F A X
5089/PLACER6


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