861602

WINDY

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

COPY TO ED KIMURA

JULY 19, 1990

CERTIFICATE OF ANALYSIS ETK 90-318

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

A S S A Y S

Results - from Doug's showing on Windy -

DATE RECEIVED: JULY 17, 1990
PROJECT: 216
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE

ET#	Description	AU (g/t)	AU (oz/t)	AS (%)
318 - 1	1-15/7/90	4.06	.118	1.50
318 - 2	2-15/7/90	10.44*	.304	2.22
318 - 3	3-15/7/90	15.39*	.449	22.85
318 - 4	4-15/7/90	9.21*	.269	4.03
318 - 5	5-15/7/90	2.14	.062	1.77

NOTE: SAMPLE SCREENED & METALLICS ASSAYED

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X
SC90/PLACER1

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

JULY 19, 1990

CERTIFICATE OF ANALYSIS ETK 90-318

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

A S S A Y S

DATE RECEIVED: JULY 17, 1990
PROJECT: 216
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE

ET#	Description	AU (g/t)	AU (oz/t)	AS (%)
318 - 1	1-15/7/90	4.06	.118	1.50
318 - 2	2-15/7/90	10.44*	.304	2.22
318 - 3	3-15/7/90	15.39*	.449	22.85
318 - 4	4-15/7/90	9.21*	.269	4.03
318 - 5	5-15/7/90	2.14	.062	1.77

NOTE: SAMPLE SCREENED & METALLICS ASSAYED

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X
SC90/PLACER1

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

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
318-1	3.6	10.51	4.056286
318-2	9.2	29.89	10.43719
318-3	15.41	13.851	15.39012
318-4	8.7	18.24387	9.214492

ECO-TECH LABORATORIES LTD.

10041 EAST TRANS CANADA HWY.
KAMLOOPS, B.C. V2C 2J3
PHONE - 604-573-5700
FAX - 604-573-4557

PLACER DOME INC. - ETK 90-318

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

JULY 18, 1990

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: 218
8 ROCK SAMPLES RECEIVED JULY 17, 1990

ET#	DESCRIPTION	AU(ppb)	AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
318 - 1	1 -15/7/90	>1000	17.8	1.35	>10000	<2	30	10	.17	<1	136	118	9580	7.81	.25	<10	.37	159	39	.02	11	4090	398	30	<20	4	<.01	<10	22	30	1	553
318 - 2	2 -15/7/90	>1000	11.2	1.27	>10000	<2	15	10	.14	1	329	79	5060	12.24	.28	<10	.31	139	13	.02	13	2030	76	60	<20	6	.01	<10	24	20	1	310
318 - 3	3 -15/7/90	>1000	2.2	.31	>10000	<2	20	15	.02	<1	550	22	2013	13.46	.10	<10	<.01	26	<1	.02	<1	660	142	380	<20	5	<.01	10	15	10	1	34
318 - 4	4 -15/7/90	>1000	11.6	1.08	>10000	<2	25	5	.14	<1	329	56	7780	7.51	.30	<10	.18	88	2	.02	7	3080	34	65	<20	7	.01	<10	21	10	1	139
318 - 5	5 -15/7/90	>1000	4.6	1.76	>10000	<2	15	<5	.24	<1	222	66	2096	10.48	.24	<10	.60	206	5	.02	8	1010	20	35	<20	6	.01	<10	35	10	1	122
318 - 6	6 -15/7/90	760	3.6	.99	1245	<2	35	5	.29	<1	25	125	490	7.35	.22	<10	.32	274	5	.02	9	740	30	15	<20	11	.01	<10	17	10	1	126
318 - 7	7 -15/7/90	155	.2	.87	170	<2	155	<5	1.01	<1	14	114	148	4.12	.67	<10	.44	792	8	.02	5	1020	20	10	<20	33	.04	<10	28	10	2	130
318 - 8	8 -15/7/90	10	<.2	.95	115	<2	120	<5	.83	<1	12	86	40	2.57	.27	<10	.86	563	4	.03	22	1370	8	5	<20	43	.01	10	43	<10	4	29

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

SC90/PLACERK1

7.19.1990 17:23
FROM ECO-TECH KAMLOOPS

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

WINDY
PROSPECTING
SAMPLES

PDI lab data file: P04456
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0445

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EG EK MG RH LAB

REMARKS:
"ASSAY AU >1000 PPB; ASSAY ZN >1000 PPM "
"SAMPLES 6802 6804 6806 WILL BE SENT TO ROSSBACHER LABS FOR "
"WHOLE ROCK ANALYSIS"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU	PPM	25.0	FIRE ASSAY	45MIN	0.01-1000	ATOMIC ABSORPTION
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
ZN	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Au PPM	Au1 PPB	Cu PPM	Pb PPM	Zn PPM
		6801	0445	<0.2	2		<5	70	4	13
		6802	0445	<0.2	400		<5	56	12	233
		6803	0445	0.4	6		15	530	2	5
		6804	0445	<0.2	360		<5	140	4	24
		6805	0445	<0.2	18		<5	16	2	3
		6806	0445	<0.2	240		<5	117	4	36
		6807	0445	4.7	A	4.65		1800	14	38
		6808	0445	2.7	860	1.40		830	14	50
test	STD P1		0445	0.4	20			23	50	127
test	STD AU7		0445				285			

END OF LISTING - 10 RECORDS PRINTED Run on: 90:08:03 at 14:15:04

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	5	0	0	0	8
AU1	0	5	0	0	2	6

2 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	8				
SAMP	0	8				
PROJ	8	0	0445	0445		
AG	8	0	0.10	4.70	1.04	1.73
AS	8	0	0.00	860.00	235.75	302.97
AU	2	6	1.40	4.65	3.03	2.30
AU1	6	2	2.50	15.00	4.58	5.10
CU	8	0	16.00	1800.00	444.88	617.38
PB	8	0	2.00	14.00	7.00	5.35
ZN	8	0	3.00	233.00	50.25	75.69

END OF SCAN: DATE: 90:08:03 time: 14:15:04 8 RECORDS PROCESSED

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY DATE: 90:08:09

PDI lab data file: P0485
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0485

PLEASE DISTRIBUTE RESULTS TO: DL MD BB EK EG MG RH LAB

REMARKS:
"SAMPLES TO BE SENT OUT FOR 30 ELEMENT ICP ANALYSIS"
"ASSAY HIGH VALUES"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 1

GRID	SAMPLE		PROJECT	Au1 PPB
		6809	0485	2545
		6810	0485	20
		6811	0485	10
		6812	0485	<5
		6813	0485	2155
		6814	0485	2840
		6815	0485	105
		6816	0485	835
		6817	0485	65
test	STD AU7		0485	225
		6818	0485	<5
		6819	0485	<5
		6820	0485	20
		6821	0485	<5
		6822	0485	25
		6823	0485	40
		6823*	0485	45

END OF LISTING - 17 RECORDS PRINTED Run on: 90:08:09 at 8:14:35

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AU1	0	4	0	0	0	15

2 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	15				
SAMP	0	15				
PROJ	15	0	0485	0485		
AU1	15	0	2.50	2840.00	578.00	1031.33

END OF SCAN: DATE: 90:08:09 time: 8:14:35 15 RECORDS PROCESSED

ROSSBACHER LABORATORY LTD.

2225 S. Springer Ave., Burnaby,
British Columbia, Can. V5B 3N1
Ph:(604)299-6910 Fax:299-6252

CERTIFICATE OF ANALYSIS

TO : PLACER DOME INC.
323 ALEXANDER STREET
VANCOUVER, B.C.
PROJECT :
TYPE OF ANALYSIS :

CERTIFICATE # : 90335
INVOICE # : N.A.
DATE ENTERED : 90-07-20
FILE NAME : PLA90335.WR
PAGE # : 1

RE II	SAMPLE NAME	% SiO2	% Al2O3	% Fe2O3	% MgO	% CaO	% Na2O	% K2O	% P2O5	% TiO2	% MnO	% BaO	% Cr2O3	% SrO	% L.O.I.	% TOTAL
>	6802	47.66	8.94	10.36	11.41	7.89	1.13	0.29	0.01	0.576	0.112	0.017	0.384	0.035	13.2	101.8
>	6804	62.03	17.08	5.91	1.85	1.96	3.39	2.95	0.14	0.719	0.068	0.062	0.120	0.042	3.6	99.9
>	6805	93.28	1.47	1.48	0.53	2.32	1.00	0.01	0.07	0.057	0.034	0.016	0.169	0.005	0.2	100.6
>	6806	63.36	16.20	5.42	0.96	1.57	3.46	2.96	0.12	0.691	0.065	0.071	0.109	0.035	3.4	98.2

CERTIFIED BY : V. Rosbach

BB-DL-file

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

PDI lab data file: P0443
AREA: WINDY
MAPSHEET NO: 93J13
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0443

PLEASE DISTRIBUTE RESULTS TO: DL BB EG EK MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PLACER DEVELOPMENT LTD.
DATA STORAGE
Received July 31/90
File Ref.
File No. 3295100
Exploration Dept.

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM
93J13		14176	0443	<0.2	20	<5	63
93J13		14177	0443	0.4	1260	70	122
93J13	DDH 90-1	14178	0443	<0.2	20	<5	151
93J13		14179	0443	<0.2	300	10	64
93J13		14180	0443	<0.2	24	10	207
93J13		14181	0443	<0.2	128	15	136
93J13		14182	0443	<0.2	12	10	100
93J13		14183	0443	<0.2	66	15	156
93J13		14184	0443	<0.2	44	45	330
93J13		14184*	0443	<0.2	42	45	340
93J13		14185	0443	<0.2	16	30	310
93J13		14186	0443	<0.2	2	10	94
93J13		14187	0443	<0.2	10	10	96
93J13		14188	0443	<0.2	20	10	40
93J13		14189	0443	<0.2	10	15	89
93J13		14190	0443	<0.2	4	5	58
93J13		14191	0443	<0.2	6	10	132
93J13		14192	0443	<0.2	<2	20	310
93J13		14193	0443	<0.2	4	35	212
93J13		14193*	0443	<0.2	4	20	228
93J13		14194	0443	<0.2	<2	15	172
93J13		14195	0443	<0.2	8	20	128
93J13		14196	0443	<0.2	6	15	110
93J13		14197	0443	<0.2	6	5	116
93J13		14198	0443	<0.2	6	<5	130
93J13		14199	0443	<0.2	<2	<5	120
93J13		14200	0443	<0.2	<2	55	920
93J13		14201	0443	<0.2	<2	15	246
93J13		14202	0443	<0.2	2	<5	90
93J13		14202*	0443	<0.2	<2	<5	97
93J13		14203	0443	<0.2	<2	<5	98
93J13		14204	0443	<0.2	<2	<5	150
93J13		14205	0443	<0.2	<2	<5	111
93J13		14206	0443	<0.2	<2	30	176
93J13		14207	0443	<0.2	<2	10	130
93J13		14208	0443	<0.2	<2	5	155
93J13		14209	0443	<0.2	<2	15	183
93J13		14210	0443	<0.2	<2	10	105
93J13		14211	0443	<0.2	<2	10	154
test	STD P1		0443	0.3	20		23
93J13		14212	0443	<0.2	6	5	78
93J13		14213	0443	<0.2	6	10	78
93J13		14214	0443	<0.2	12	20	232
93J13		14215	0443	<0.2	14	15	84
93J13		14216	0443	<0.2	10	25	97
93J13		14217	0443	<0.2	14	20	210
93J13		14218	0443	0.2	44	70	390
93J13		14219	0443	0.4	52	75	440
93J13		14220	0443	1.0	90	135	530
93J13		14220*	0443	1.0	90	150	540
93J13		14221	0443	0.3	108	40	273
93J13		14222	0443	<0.2	74	40	312
93J13		14223	0443	0.4	152	100	330
93J13	DDH 90-1	14224	0443	0.2	50	65	140
93J13		14225	0443	1.7	320	380	540
93J13		14226	0443	0.2	4	15	176
test	STD P1		0443	0.3	20		23

light green intensely chlor. alt'd rock sheared, 3-5% Py

diss CP along w. Qz

Intensely alt'd diorite fault breccia w. Qz-CB stockwork, Py diss, clots CP diss

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM
test	STD AU7	0443			315	
test	STD AU7	0443			260	

END OF LISTING - 59 RECORDS PRINTED Run on: 90:07:25 at 11:43:49

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	42	0	0	0	51
AS	0	14	0	0	0	51
AU1	0	8	0	0	0	51

8 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	51	0	93J13	93J13		
SAMP	0	51				
PROJ	51	0	0443	0443		
AG	51	0	0.10	1.70	0.18	0.26
AS	51	0	1.00	1260.00	57.73	183.93
AU1	51	0	2.50	380.00	30.59	56.80
CU	51	0	40.00	920.00	193.61	155.09

END OF SCAN: DATE: 90:07:25 time: 11:43:49 51 RECORDS PROCESSED

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

BB

PDI lab data file: P0459
AREA: WINDY
MAPSHEET NO: 93J13
VENTURE: V216
GEOLOGIST: D LIESHMAN
LAB PROJECT NO: 0459

PLEASE DISTRIBUTE RESULTS TO: DL BB EG EK MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE	PROJECT		Ag PPM	As PPM	Au1 PPB	Cu PPM
93J13		14227	0459	0.2	<2	<5	163
93J13		14228	0459	<0.2	<2	<5	79
93J13		14229	0459	<0.2	<2	<5	74
93J13		14230	0459	<0.2	<2	<5	42
93J13		14231	0459	0.3	10	10	192
93J13		14232	0459	0.3	<2	<5	141
93J13		14233	0459	0.3	<2	10	228
93J13		14234	0459	1.2	6	115	1320
93J13		14235	0459	<0.2	12	<5	40
test	STD P1		0459	0.2	22		22
93J13		14236	0459	0.4	26	25	348
93J13		14237	0459	0.2	2	<5	30
93J13		14238	0459	0.2	<2	5	172
93J13		14239	0459	0.3	18	20	323
93J13		14240	0459	0.2	<2	10	75
93J13		14241	0459	0.3	<2	15	224
93J13		14242	0459	0.2	<2	10	154
93J13		14243	0459	<0.2	<2	15	179
93J13		14244	0459	<0.2	2	<5	92
93J13		14244*	0459	<0.2	4	<5	88
93J13		14245	0459	<0.2	14	<5	24
93J13		14246	0459	<0.2	6	<5	56
93J13		14247	0459	<0.2	8	<5	69
93J13		14248	0459	<0.2	16	5	132
93J13		14249	0459	0.2	20	15	205
93J13		14250	0459	<0.2	12	10	131
93J13		14251	0459	0.2	10	15	134
93J13		14252	0459	0.2	20	<5	301
93J13		14253	0459	<0.2	28	200	212
93J13		14253*	0459	<0.2	30	125	206
93J13		14254	0459	0.2	40	10	226
93J13		14255	0459	0.2	20	10	134
93J13		14256	0459	0.5	26	75	670
93J13		14257	0459	0.2	30	5	98
93J13		14258	0459	0.2	80	25	168
93J13		14259	0459	0.3	76	200	177
93J13		14260	0459	0.2	14	210	125
93J13		14261	0459	0.2	28	<5	75
93J13		14262	0459	<0.2	140	40	78
93J13		14262*	0459	<0.2	150	30	78
93J13		14263	0459	0.2	<2	<5	156
93J13		14264	0459	0.2	14	<5	164
93J13		14265	0459	0.2	12	<5	91
93J13		14266	0459	0.2	<2	<5	114
93J13		14267	0459	0.2	20	<5	142
93J13		14268	0459	<0.2	<2	<5	91
93J13		14269	0459	<0.2	2	<5	52
93J13		14270	0459	<0.2	2	<5	43
93J13		14271	0459	<0.2	<2	<5	101
93J13		14271*	0459	<0.2	<2	<5	101
93J13		14272	0459	<0.2	<2	<5	170
93J13		14273	0459	0.2	16	<5	213
93J13		14274	0459	0.4	10	<5	149
93J13		14275	0459	0.2	8	<5	281
93J13		14276	0459	<0.2	4	<5	127
93J13		14277	0459	0.2	<2	<5	113
93J13		14278	0459	<0.2	4	<5	107

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	40	0	0	1	92
AS	0	45	0	0	1	92
AU1	0	56	0	0	1	92

14 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	93	0	93J13	93J13		
SAMP	1	92				
PROJ	93	0	0459	0459		
AG	92	1	0.10	1.20	0.20	0.15
AS	92	1	1.00	140.00	9.90	19.26
AU1	92	1	2.50	210.00	15.33	38.03
CU	92	1	7.00	1320.00	199.70	199.30

END OF SCAN: DATE: 90:08:01 time: 15:29:42 93 RECORDS PROCESSED

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

PDI lab data file: P0450
AREA: WINDY
MAPSHEET NO: 93J13
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0450

PLEASE DISTRIBUTE RESULTS TO: MD BB EG EK MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	Ag PPM	Au1 PPB	Cu PPM
93J13	DDH90-1	15101	0450	32	180	245
93J13	DDH90-1	15102	0450	0.3	<5	143
93J13	DDH90-1	15103	0450	0.6	45	760
93J13	DDH90-1	15104	0450	<0.2	40	323
93J13	DDH90-1	15105	0450	<0.2	15	141
93J13	DDH90-1	15106	0450	<0.2	<5	161
93J13	DDH90-1	15107	0450	<0.2	30	296
93J13	DDH90-1	15108	0450	<0.2	5	239
93J13	DDH90-1	15109	0450	<0.2	<5	170
93J13	DDH90-1	15109*	0450	<0.2	10	172
93J13	DDH90-1	15110	0450	<0.2	<5	232
93J13	DDH90-1	15111	0450	<0.2	<5	176
93J13	DDH90-1	15112	0450	<0.2	5	250
93J13	DDH90-1	15113	0450	10	35	360
93J13	DDH90-1	15114	0450	3.8	30	320
93J13	DDH90-2	15115	0450	0.6	<5	183
93J13	DDH90-2	15116	0450	0.7	<5	179
93J13	DDH90-2	15117	0450	0.3	<5	190
93J13	DDH90-2	15118	0450	<0.2	<5	168
93J13	DDH90-2	15118*	0450	<0.2	<5	173
93J13	DDH90-2	15119	0450	<0.2	<5	136
93J13	DDH90-2	15120	0450	<0.2	<5	266
93J13	DDH90-2	15121	0450	<0.2	35	278
93J13	DDH90-2	15122	0450	<0.2	<5	299
93J13	DDH90-2	15123	0450	1.4	<5	225
93J13	DDH90-2	15124	0450	59	20	510
93J13	DDH90-2	15125	0450	28	55	560
93J13	DDH90-2	15126	0450	34	290	243
test	STD P1		0450	0.2		22
test	STD AU7		0450	0.2	380	
test	STD AG		0450	51		

END OF LISTING - 31 RECORDS PRINTED Run on: 90:07:27 at 10:52:59

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	14	0	0	0	26
AU1	0	13	0	0	0	26

5 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	26	0	93J13	93J13		
SAMP	26	0	DDH90-1	DDH90-2		
PROJ	26	0	0450	0450		
AG	26	0	0.10	59.00	6.62	14.73
AU1	26	0	2.50	290.00	31.44	64.02
CU	26	0	136.00	760.00	271.27	143.81

END OF SCAN: DATE: 90:07:27 time: 10:52:59 26 RECORDS RROCESSED

DATE: JULY 27, 1990

GEOCHEMICAL DATA LISTING
LAB PROJECT NO. P0459

PLACER DOME INC.
401 - 1540 PEARSON PLACE
KAMLOOPS BC
V1S 1J9

ATTN: D LIESHMAN

FINAL RESULTS

PROJECT/VENTURE: V216
AREA: WINDY
NUMBER SAMPLES: 92
TYPE SAMPLES: CORE

DATE RECEIVED: JULY 22, 1990
NOTE: ALL RESULTS IN PPM UNLESS OTHERWISE NOTED
NSS = NOT SUFFICIENT SAMPLE

#	SAMPLE NUMBER	Cu	Ag	Au1 ppb	As
1	14227	163	0.2	<5	<2
2	14228	79	<0.2	<5	<2
3	14229	74	<0.2	<5	<2
4	14230	42	<0.2	<5	<2
5	14231	192	0.3	10	10
6	14232	141	0.3	<5	<2
7	14233	228	0.3	10	<2
8	14234	1320	1.2	115	6
9	14235	40	<0.2	<5	12
10	STD P1	22	0.2		22
11	14236	348	0.4	25	26
12	14237	30	0.2	<5	2
13	14238	172	0.2	5	<2
14	14239	323	0.3	20	18
15	14240	75	0.2	10	<2
16	14241	224	0.3	15	<2
17	14242	154	0.2	10	<2
18	14243	179	<0.2	15	<2
19	14244	92	<0.2	<5	2
20	14244*	88	<0.2	<5	4
21	14245	24	<0.2	<5	14
22	14246	56	<0.2	<5	6
23	14247	69	<0.2	<5	8
24	14248	132	<0.2	5	16
25	14249	205	0.2	15	20
26	14250	131	<0.2	10	12
27	14251	134	0.2	15	10
28	14252	301	0.2	<5	20
29	14253	212	<0.2	200	28
30	14253*	206	<0.2	125	30
31	14254	226	0.2	10	40
32	14255	134	0.2	10	20
33	14256	670	0.5	75	26
34	14257	98	0.2	5	30
35	14258	168	0.2	25	80

#	SAMPLE NUMBER	Cu	Ag	Au1 ppb	As
36	14259	177	0.3	200	76
37	14260	125	0.2	210	14
38	14261	75	0.2	<5	28
39	14262	78	<0.2	40	140
40	14262*	78	<0.2	30	150
41	14263	156	0.2	<5	<2
42	14264	164	0.2	<5	14
43	14265	91	0.2	<5	12
44	14266	114	0.2	<5	<2
45	14267	142	0.2	<5	20
46	14268	91	<0.2	<5	<2
47	14269	52	<0.2	<5	2
48	14270	43	<0.2	<5	2
49	14271	101	<0.2	<5	<2
50	14271*	101	<0.2	<5	<2
51	14272	170	<0.2	<5	<2
52	14273	213	0.2	<5	16
53	14274	149	0.4	<5	10
54	14275	281	0.2	<5	8
55	14276	127	<0.2	<5	4
56	14277	113	0.2	<5	<2
57	14278	107	<0.2	<5	4
58	14279	98	<0.2	<5	6
59	14280	79	<0.2	<5	8
60	STD P1	22	0.3		18
61	14281	71	<0.2	<5	<2
62	14282	213	<0.2	20	<2
63	14283	225	<0.2	<5	<2
64	14284	52	<0.2	<5	2
65	14285	7	<0.2	<5	<2
66	14286	20	<0.2	<5	<2
67	14287	56	<0.2	<5	<2
68	14288	102	<0.2	<5	16
69	14289	340	0.2	<5	6
70	14289*	337	0.3	<5	6
71	14290	550	0.4	<5	4
72	14291	90	<0.2	<5	<2
73	14292	56	<0.2	<5	<2
74	14293	11	<0.2	<5	4
75	14294	9	<0.2	<5	4
76	14295	106	0.2	<5	4
77	14296	276	0.3	<5	16
78	14297	830	0.7	<5	20
79	14298	510	0.5	<5	20
80	14298*	500	0.4	<5	20
81	14299	381	0.2	10	<2
82	14300	530	0.2	20	<2
83	14301	195	<0.2	<5	<2
84	14302	180	0.2	5	<2
85	14303	167	<0.2	<5	<2

#	SAMPLE NUMBER	Cu	Ag	Au1 ppb	As
86	14304	364	0.3	15	<2
87	14305	369	0.3	15	<2
88	14306	176	0.2	<5	<2
89	14307	490	0.4	10	<2
90	14307*	490	0.4	10	<2
91	14308	132	0.2	<5	<2
92	14309	329	0.2	10	<2
93	14310	88	<0.2	<5	<2
94	14311	202	<0.2	15	<2
95	14312	680	0.4	50	<2
96	14313	500	0.3	10	<2
97	14314	378	0.3	20	<2
98	14315	350	0.2	15	<2
99	14316	116	0.2	<5	<2
100	14316*	118	0.2	<5	<2
101	14317	32	<0.2	<5	<2
102	14318	7	<0.2	<5	<2
103	STD P1	22	0.3		22
104	STD AU7			280	
105	STD AU7			305	
106	STD AU7			350	

PLACER DOME INC.
R.A. Mower B.Sc.
Supervisor, Geochem Lab

PLACER DOME INC (VANCOUVER LABORATORY)

GEOCHEMICAL DATA LISTING: V216 WINDY DATE: 90:08:16

PDI lab data file: P0481
AREA: WINDY
MAPSHEET NO: 93J13
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0481

PLEASE DISTRIBUTE RESULTS TO: DL BB EK EG MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	
93J13		14319	0481	<0.2	10	<5	14	
93J13		14320	0481	<0.2	4	<5	14	
93J13	DDH 90-4	14321	0481	<0.2	12	15	234	
93J13		14322	0481	<0.2	14	<5	168	
93J13		14323	0481	<0.2	16	<5	134	
93J13		14324	0481	<0.2	30	20	275	→ fault & breccia
93J13		14325	0481	<0.2	22	60	200	
93J13		14326	0481	<0.2	20	200	188	→ intensely alt'd diorite?
93J13		14327	0481	<0.2	26	150	146	
test	STD P1		0481	0.2	22		25	
93J13		14328	0481	0.6	<2	<5	910	
93J13		14329	0481	<0.2	<2	70	137	
93J13		14330	0481	<0.2	6	105	60	
93J13		14331	0481	<0.2	6	30	73	
93J13		14332	0481	<0.2	6	<5	142	
93J13		14333	0481	<0.2	<2	<5	147	
93J13		14334	0481	<0.2	<2	<5	218	
93J13		14335	0481	<0.2	<2	30	143	
93J13		14336	0481	<0.2	2	<5	150	
93J13		14336*	0481	<0.2	2	<5	145	
93J13		14337	0481	<0.2	8	<5	143	
93J13		14338	0481	<0.2	4	<5	147	
93J13		14339	0481	<0.2	<2	<5	72	
93J13		14340	0481	<0.2	<2	<5	102	
93J13		14341	0481	<0.2	<2	<5	64	
93J13		14342	0481	<0.2	<2	115	174	← intensely alt'd diorite
93J13		14343	0481	<0.2	6	15	92	
93J13		14344	0481	<0.2	6	<5	229	
93J13		14345	0481	<0.2	4	<5	124	
93J13		14345*	0481	<0.2	2	<5	126	
93J13		14346	0481	<0.2	<2	<5	165	
93J13		14347	0481	<0.2	8	<5	63	
93J13		14348	0481	<0.2	6	<5	103	
93J13		14349	0481	<0.2	16	<5	58	
93J13		14350	0481	<0.2	10	<5	89	
93J13		14351	0481	<0.2	<2	110	111	←
93J13		14352	0481	<0.2	18	<5	88	
93J13		14353	0481	<0.2	6	<5	48	
93J13		14354	0481	<0.2	14	<5	91	
93J13		14354*	0481	<0.2	16	<5	97	
93J13		14355	0481	<0.2	<2	10	133	
93J13		14356	0481	<0.2	<2	10	58	
93J13		14357	0481	<0.2	<2	10	112	
93J13		14358	0481	<0.2	<2	15	80	
93J13		14359	0481	0.2	<2	25	201	
93J13		14360	0481	<0.2	<2	55	342	←
93J13		14361	0481	<0.2	<2	<5	121	
93J13		14362	0481	<0.2	<2	20	202	
93J13	DDH 90-4	14363	0481	<0.2	<2	<5	32	
93J13		14363*	0481	<0.2	<2	<5	33	
93J13		14364	0481	<0.2	<2	80	174	
93J13		14365	0481	<0.2	<2	25	100	limonitic fract,
93J13		14366	0481	<0.2	<2	20	110	diss CP
93J13	DDH 90-5	14367	0481	<0.2	<2	45	109	diss PY, QZ-vein (chlor)
93J13		14368	0481	<0.2	<2	190	150	

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	
93J13	DDH90-5	14369	0481	0.3	<2	110	126	
93J13		14370	0481	<0.2	<2	225	130	→ limonitic, foliated, alt'd diorite
93J13		14371	0481	<0.2	<2	35	74	
93J13		14372	0481	0.5	<2	30	34	
test	STD P1		0481	0.2			22	
93J13		14373	0481	<0.2	6	<5	34	
93J13		14374	0481	0.3	<2	10	94	
93J13		14375	0481	0.4	<2	<5	90	
93J13		14376	0481	0.2	<2	<5	122	
93J13		14377	0481	<0.2	<2	<5	33	
93J13		14378	0481	<0.2	<2	165	116	alt'd diorite
93J13		14379	0481	0.2	20	30	114	
93J13		14380	0481	0.3	8	280	162	fault breccia
93J13		14381	0481	<0.2	20	200	128	
93J13		14381*	0481	<0.2	24	125	128	
93J13		14382	0481	<0.2	44	15	86	
93J13		14383	0481	<0.2	<2	10	51	
93J13		14384	0481	<0.2	<2	<5	52	
93J13		14385	0481	<0.2	<2	<5	80	
93J13		14386	0481	<0.2	<2	<5	115	
93J13		14387	0481	<0.2	<2	<5	62	
93J13		14388	0481	<0.2	<2	<5	47	
93J13		14389	0481	<0.2	<2	<5	121	
93J13		14390	0481	<0.2	<2	15	126	
93J13		14390*	0481	<0.2	<2	25	130	
93J13		14391	0481	<0.2	10	<5	58	
93J13		14392	0481	<0.2	20	20	61	
93J13		14393	0481	0.2	16	15	53	
93J13		14394	0481	<0.2	12	5	74	
93J13		14395	0481	<0.2	16	<5	81	
93J13		14396	0481	<0.2	20	10	82	
93J13		14397	0481	<0.2	22	<5	88	
93J13		14398	0481	<0.2	18	<5	63	
93J13		14399	0481	<0.2	18	10	44	
93J13		14399*	0481	<0.2	16	15	45	
93J13		14400	0481	<0.2	20	10	72	
93J13		14401	0481	<0.2	16	20	45	
93J13		14402	0481	<0.2	12	10	16	
93J13		14403	0481	<0.2	14	30	34	
93J13		14404	0481	<0.2	16	<5	94	
93J13		14405	0481	<0.2	16	20	51	
93J13		14406	0481	<0.2	20	30	78	
93J13		14407	0481	<0.2	14	10	60	
93J13		14408	0481	1.0	6	140	410	F.G. diorite, foliated
93J13		14408*	0481	0.8	22	120	410	5-10% disp py
93J13		14409	0481	0.4	20	75	72	2-3% " cp
93J13		14410	0481	0.2	54	15	208	
93J13		14411	0481	<0.2	26	<5	217	
93J13		14412	0481	0.4	72	35	285	
93J13		14413	0481	<0.2	36	30	200	
93J13		14414	0481	<0.2	540	10	140	
93J13		14415	0481	0.2	40	35	233	
93J13		14416	0481	<0.2	14	25	138	
93J13		14417	0481	<0.2	10	25	43	
test	STD P1		0481	0.2	20		23	

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 3

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Aul PPB	Cu PPM
93J13	DDH90-5	14418	0481	<0.2	16	105	34
93J13		14419	0481	<0.2	14	25	22
93J13		14420	0481	<0.2	20	95	142
93J13		14421	0481	<0.2	70	95	68
93J13		14422	0481	<0.2	6	15	75
93J13		14423	0481	<0.2	<2	5	74
93J13		14424	0481	<0.2	8	<5	23
93J13		14425	0481	0.2	12	10	47
93J13		14426	0481	<0.2	4	<5	73
93J13		14426*	0481	<0.2	2	5	74
93J13		14427	0481	<0.2	<2	20	20
93J13		14428	0481	<0.2	<2	5	100
93J13	DDH90-5	14429	0481	<0.2	4	<5	67
93J13		14430	0481	<0.2	<2	10	56
93J13		14431	0481	<0.2	<2	25	107
93J13		14432	0481	0.2	12	45	140
93J13	DDH90-6	14433	0481	0.2	14	10	108
93J13		14434	0481	0.3	18	15	202
93J13		14435	0481	0.2	20	65	151
93J13		14435*	0481	0.3	18	20	151
93J13		14436	0481	0.2	14	75	306
93J13		14437	0481	<0.2	4	30	204
93J13		14438	0481	<0.2	<2	40	310
93J13		14439	0481	<0.2	<2	10	84
93J13		14440	0481	<0.2	<2	<5	43
93J13		14441	0481	<0.2	6	25	36
93J13		14442	0481	<0.2	2	10	50
93J13		14443	0481	<0.2	14	10	23
93J13		14444	0481	<0.2	10	25	36
93J13		14444*	0481	<0.2	12	15	36
93J13		14445	0481	<0.2	6	15	46
93J13		14446	0481	<0.2	4	10	42
93J13		14447	0481	<0.2	12	<5	86
93J13		14448	0481	<0.2	2	20	71
93J13		14449	0481	<0.2	10	15	32
93J13		14450	0481	<0.2	8	10	53
93J13		14451	0481	<0.2	6	10	28
93J13		14452	0481	<0.2	2	30	55
93J13		14453	0481	<0.2	<2	10	32
93J13		14453*	0481	<0.2	<2	<5	32
93J13		14454	0481	<0.2	2	20	72
93J13		14455	0481	<0.2	20	30	120
93J13		14456	0481	<0.2	6	110	110
93J13		14457	0481	0.5	36	200	560
93J13		14458	0481	0.3	16	125	383
93J13		14459	0481	<0.2	8	10	110
93J13		14460	0481	<0.2	16	45	100
93J13		14461	0481	0.3	10	180	235
93J13		14462	0481	<0.2	14	35	192
test	STD P1		0481		18		
93J13		14463	0481	<0.2	18	65	38
93J13		14464	0481	0.5	22	160	650
93J13		14465	0481	<0.2	8	70	120
93J13		14466	0481	<0.2	14	45	56
93J13		14467	0481	<0.2	<2	25	37

GRID	SAMPLE		PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM
93J13		14468	0481	<0.2	<2	10	77
93J13		14469	0481	<0.2	<2	25	117
93J13		14470	0481	<0.2	<2	25	50
93J13	DDH 90-6	14471	0481	<0.2	<2	20	45
test	STD P1		0481	0.3	22		25
93J13		14472	0481	0.3	2	<5	40
93J13		14473	0481	15	18	425	177
93J13		14474	0481	0.4	20	60	234
93J13		14475	0481	0.2	12	70	110
93J13		14476	0481	<0.2	10	250	122
93J13		14477	0481	<0.2	16	220	100
93J13		14478	0481	<0.2	8	120	105
93J13		14479	0481	<0.2	8	20	31
93J13		14480	0481	<0.2	<2	15	34
93J13		14480*	0481	<0.2	<2	<5	32
93J13		14481	0481	0.6	20	40	520
93J13		14482	0481	0.5	50	160	630
93J13		14483	0481	<0.2	8	5	52
93J13		14484	0481	<0.2	18	15	70
93J13		14485	0481	0.5	20	55	600
93J13		14486	0481	0.4	6	60	510
93J13		14487	0481	<0.2	10	55	303
93J13		14488	0481	0.6	24	100	340
93J13		14489	0481	0.2	28	200	392
93J13		14489*	0481	<0.2	26	105	395
93J13		14490	0481	<0.2	22	40	303
93J13		14491	0481	<0.2	12	30	265
93J13		14492	0481	<0.2	<2	15	136
93J13		14493	0481	<0.2	2	55	261
93J13		14494	0481	<0.2	6	40	357
93J13		14495	0481	<0.2	<2	345	170
93J13		14495*	0481	<0.2	<2	230	168
test	STD AU7		0481			325	
test	STD AU7		0481			330	
test	STD AU7		0481			325	
test	STD AU7		0481			380	
test	STD AU7		0481			385	
test	STD AG		0481	48			

alt'd diorite
foliated
dis PY, CP

END OF LISTING - 203 RECORDS PRINTED Run on: 90:08:16 at 8:33:32

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	142	0	0	0	177
AS	0	59	0	0	0	177
AU1	0	48	0	0	0	177

26 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	177	0	93J13	93J13		
SAMP	0	177				
PROJ	177	0	0481	0481		
AG	177	0	0.10	15.00	0.23	1.12
AS	177	0	1.00	540.00	13.35	41.53
AU1	177	0	2.50	425.00	43.70	67.01
CU	177	0	14.00	910.00	136.82	130.93

END OF SCAN: DATE: 90:08:16 time: 8:33:32 177 RECORDS PROCESSED

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY DATE: 90:08:16

PDI lab data file: P0484
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0484

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EK EG MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10400N	8630E	0484	18	<5	41
	10400N	8645EA	0484	16	<5	42
	10400N	8645EB	0484	16	<5	53
	10400N	8650E	0484	14	<5	38
	10400N	8655EA	0484	6	<5	30
	10400N	8655EB	0484	6	10	36
	10400N	8665EA	0484	16	<5	42
	10400N	8665EB	0484	40	<5	52
test	STD P1		0484	20		22
	10400N	8670E	0484	6	<5	53
	10400N	8690E	0484	<2	<5	37
	10400N	8710E	0484	<2	<5	50
	10400N	8730E	0484	<2	<5	54
	10400N	8750E	0484	<2	<5	53
	10400N	8755EA	0484	<2	<5	35
	10400N	8755EB	0484	<2	155	116
	10400N	8770E	0484	<2	<5	32
	10400N	8790E	0484	<2	<5	37
	10400N	8790E*	0484	<2	<5	38
	10400N	8810E	0484	<2	10	37
	10400N	8830E	0484	<2	<5	40
	10400N	8850E	0484	6	<5	39
	10420N	8620E	0484	2	20	45
	10420N	8635EA	0484	64	25	117
	10420N	8635EB	0484	0.25%	1695	1070
	10420N	8640	0484	128	115	221
	10420N	8645EA	0484	0.22%	3420	430
	10420N	8645EB	0484	0.30%	2605	720
	10420N	8645EB*	0484		1885	720
	10442N	8674EA	0484	0.21%	400	670
	10442N	8674EB	0484	0.41%	640	2110
	10450N	8600E	0484	10	<5	42
	10450N	8620E	0484	10	10	700
	10450N	8635EA	0484	80	<5	73
	10450N	8635EB	0484	14	<5	327
	10450N	8640E	0484	74	<5	216
	10450N	8645EA	0484	280	10	288
	10450N	8645EB	0484	240	25	460
	10450N	8645EB*	0484	260	15	460
	10450N	8660E	0484	258	30	197
	10450N	8680E	0484	940	325	610
	10450N	8695EA	0484	32	15	113
	10450N	8695EB	0484	28	40	800
	10450N	8700E	0484	6	45	123
	10450N	8705EA	0484	8	40	75
	10450N	8705EB	0484	36	150	374
	10450N	8720E	0484	18	45	275
	10450N	8740E	0484	6	95	336
	10450N	8740E*	0484	4	60	332
	10450N	8760E	0484	6	<5	163
	10450N	8780E	0484	8	20	59
	10450N	8800E	0484	<2	<5	83
	10450N	8820E	0484	<2	<5	44
	10450N	8840E	0484	<2	<5	44
	10500N	8600E	0484	<2	<5	58

1/1,000,000

1 ppm = .0001 %

≡ 2500 ppm.

≥ 1000 ppm

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 2

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10500N	8620E	0484	<2	<5	55
	10500N	8640E	0484	22	40	116
	10500N	8660E	0484	20	<5	107
test	STD P1		0484	20		25
	10500N	8680E	0484	32	<5	45
	10500N	8685EA	0484	<2	<5	35
	10500N	8685EB	0484	112	10	60
	10500N	8700E	0484	6	<5	31
	10500N	8720E	0484	6	10	113
	10500N	8740E	0484	10	<5	96
	10500N	8760E	0484	<2	<5	75
	10500N	8770EA	0484	260	65	127
	10500N	8770EB	0484	74	<5	88
	10500N	8770EB*	0484	80	10	86
	10500N	8775EA	0484	212	205	97
	10500N	8775EB	0484	380	200	154
	10500N	8780E	0484	<2	<5	31
	10500N	8800E	0484	<2	<5	53
	10500N	8820E	0484	<2	<5	42
	10500N	8840E	0484	<2	<5	28
	10550N	8580E	0484	<2	<5	36
	10550N	8600E	0484	10	5	43
	10550N	8620E	0484	10	<5	35
	10550N	8620E*	0484	6	<5	36
	10550N	8640E	0484	10	10	52
	10550N	8660E	0484	40	70	67
	10550N	8665EA	0484	56	<5	68
	10550N	8665EB	0484	180	200	113
	10550N	8675EA	0484	22	15	52
	10550N	8675EB	0484	62	20	166
	10550N	8680E	0484	38	10	66
	10550N	8700E	0484	204	180	211
	10550N	8715EA	0484	<2	<5	31
	10550N	8715EA*	0484	<2	<5	30
	10550N	8715EB	0484	<2	<5	32
	10550N	8720E	0484	4	10	67
	10550N	8725EA	0484	<2	<5	36
	10550N	8725EB	0484	<2	20	130
	10550N	8740E	0484	<2	<5	20
	10550N	8760E	0484	<2	<5	30
	10550N	8780E	0484	<2	<5	44
	10550N	8800E	0484	<2	<5	49
	10550N	8820E	0484	6	<5	31
	10550N	8820E*	0484	4	<5	33
	10550N	8840E	0484	<2	<5	29
	10600N	8590E	0484	<2	<5	114
	10600N	8610E	0484	10	<5	190
	10600N	8630E	0484	16	<5	116
	10600N	8650E	0484	28	20	104
	10600N	8670E	0484	104	<5	200
	10600N	8690E	0484	240	100	219
	10600N	8700EA	0484	760	135	480
	10600N	8700EB	0484	580	250	430
test	STD P1		0484	20		23
	10600N	8710E	0484	600	150	231

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10600N	8710EA	0484	420	105	207
	10600N	8710EB	0484	1020	350	570
	10600N	8730E	0484	24	30	62
	10600N	8750E	0484	<2	20	106
	10600N	8770E	0484	4	<5	35
	10600N	8780EA	0484	<2	<5	36
	10600N	8780EB	0484	<2	<5	45
	10600N	8790E	0484	<2	<5	34
	10600N	8790E*	0484	<2	<5	34
	10600N	8790EA	0484	16	30	32
	10600N	8790EB	0484	64	10	115
	10600N	8810E	0484	18	<5	39
	10600N	8830E	0484	16	30	51
	10600N	8850E	0484	18	<5	35
	10700N	8580E	0484	20	<5	69
	10700N	8600E	0484	18	155	72
	10700N	8620E	0484	28	20	45
	10700N	8640E	0484	38	35	172
	10700N	8640E*	0484	32	60	179
	10700N	8660E	0484	40	150	100
	10700N	8680E	0484	36	20	59
	10700N	8700E	0484	30	165	95
	10700N	8720E	0484	56	5	59
	10700N	8740E	0484	196	45	44
	10700N	8760E	0484	64	<5	52
	10700N	8780E	0484	56	<5	41
	10700N	8800E	0484	28	90	91
	10700N	8820E	0484	66	20	86
	10700N	8820E*	0484	70	35	90
	10700N	8840E	0484	26	15	48
test	STD P1		0484			21
test	STD AU7		0484		400	
test	STD AU7		0484		380	
test	STD AU7		0484		390	
test	STD AU7		0484		240	

END OF LISTING - 145 RECORDS PRINTED Run on: 90:08:16 at 8:33:32

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AS	0	36	0	5	0	126
AU1	0	63	0	0	0	126

19 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	126				
SAMP	126	0	10400N	10700N		
PROJ	126	0	0484	0484		
AS	126	0	1.00	4100.00	180.51	574.94
AU1	126	0	2.50	3420.00	104.15	412.29
CU	126	0	20.00	2110.00	150.83	249.71

END OF SCAN: DATE: 90:08:16 time: 8:33:32 126 RECORDS PROCESSED

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-624

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 25, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

TR90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
624 - 1	C 161	600	4.5	950	29	126	>1000
624 - 2	C 162	835	2.9	2100	23	188	>1000
624 - 3	C 163	65	<.1	155	43	47	144
624 - 4	C 164	45	<.1	231	10	49	95
624 - 5	C 165	>1000	1.3	2400	42	153	50
624 - 6	C 166	220	<.1	1600	12	64	38

NOTE: > = GREATER THAN
< = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-624

A S S A Y S

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 25, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

TR 90-02

ET#	Description	AU (g/t)	AU (oz/t)	AS (%)
624 1	C 161			1.20
624 2	C 162			1.18
624 - 5	C 165	1.53	.045	

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-635

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK TR90-03

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
635 - 1	C 212	45	.1	74	6	56	19
635 - 2	C 213	55	.1	154	8	68	16
635 - 3	C 214	35	.2	89	12	67	19
635 - 4	C 215	35	.2	64	9	57	26
635 - 5	C 216	380	.5	141	21	84	18
635 - 6	C 217	75	.3	87	24	69	25
635 - 7	C 218	65	.5	228	13	97	71
635 - 8	C 219	40	.8	215	8	61	18

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90 636

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK

TR 90-03

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
636 - 1	C 220	40	.2	128	6	41	13
636 - 2	C 221	45	.7	294	7	65	30
636 - 3	C 222	25	.2	138	6	34	16
636 - 4	C 223	35	.8	661	5	30	10
636 - 5	C 224	100	.2	266	3	43	19
636 - 6	C 225	20	.1	72	4	46	18
636 - 7	C 226	10	.1	102	7	55	12
636 - 8	C 227	5	.1	47	3	33	7

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-637

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

A S S A Y

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK

ET#	Description	AS (%)
637 - 3	C 230	.24

TR90-06

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-637

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK TR90-06

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
637 - 1	C 228	45	.1	180	5	37	26
637 - 2	C 229	40	.1	185	3	53	35
637 - 3	C 230	140	1.9	613	6	97	>1000
637 - 4	C 231	150	.1	565	5	115	79
637 - 5	C 232	170	.2	580	5	136	68
637 - 6	C 233	280	.1	841	6	189	44
637 - 7	C 234	65	.1	222	5	35	66

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-645

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 50
TYPE SAMPLES: SOILS

ET#	Description				AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
645 - 1	V216	TR90- 1	0.0M	A	10	<.1	49	9	47	48
645 - 2	V216	TR90- 1	0.0M	B*	<5	<.1	52	13	56	78
645 - 3	V216	TR90- 1	0.0M	C*	60	<.1	126	10	69	203
645 - 4	V216	TR90- 1	10.0M	A	30	<.1	855	11	258	313
645 - 5	V216	TR90- 1	10.0M	B	<5	<.1	102	13	81	73
645 - 6	V216	TR90- 1	10.0M	C*	10	<.1	244	9	140	197
645 - 7	V216	TR90- 1	20.0M	A	15	<.1	184	14	158	306
645 - 8	V216	TR90- 1	20.0M	B	10	.1	527	11	169	250
645 - 9	V216	TR90- 1	20.0M	C	5	.1	368	4	124	79
645 - 10	V216	TR90- 1	30.0M	A	<5	<.1	37	11	50	14
645 - 11	V216	TR90- 1	30.0M	B	130	.5	387	24	159	1644
645 - 12	V216	TR90- 1	30.0M	C	15	.3	179	14	117	153
645 - 13	V216	TR90- 1	40.0M	A	<5	.1	49	10	59	15
645 - 14	V216	TR90- 1	40.0M	B	275	.5	724	20	138	23
645 - 15	V216	TR90- 1	40.0M	C	85	.2	633	8	74	22
645 - 16	V216	TR90- 1	50.0M	A	10	<.1	38	4	57	12
645 - 17	V216	TR90- 1	50.0M	B	85	.4	400	12	140	29
645 - 18	V216	TR90- 1	50.0M	C	135	.5	881	18	320	33
645 - 19	V216	TR90-02	0.0M	A	25	.3	124	10	66	55
645 - 20	V216	TR90-02	0.0M	B	<5	.1	73	9	50	15
645 - 21	V216	TR90-02	0.0M	C*	<5	.1	99	9	51	15
645 - 22	V216	TR90-02	10.0M	A	50	1.3	232	11	67	144
645 - 23	V216	TR90-02	10.0M	B	7052	9.5	752	23	126	5066
645 - 24	V216	TR90-02	10.0M	C*	265	.6	763	9	71	849
645 - 25	V216	TR90-02	20.0M	A	2535	11.6	286	35	115	1591
645 - 26	V216	TR90-02	20.0M	B	1385	9.9	685	27	100	3977
645 - 27	V216	TR90-02	20.0M	C	1205	8.3	971	27	126	1944
645 - 28	V216	TR90-02	30.0M	A	<5	.1	73	5	42	35
645 - 29	V216	TR90-02	30.0M	B	50	.4	1410	9	99	97
645 - 30	V216	TR90-02	30.0M	C	880	2.0	1305	23	144	623

Jutta Jealouse

JUTTA JEALOUSE, B.C. CERTIFIED ASSAYER

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

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
645 - 31	V216 TR90-02 40.0M A	75	.7	154	8	46	391
645 - 32	V216 TR90-02 40.0M B	750	5.0	1158	27	94	4110
645 - 33	V216 TR90-02 40.0M C	110	.5	1762	2	146	662
645 - 34	V216 TR90-02 50.0M A	315	2.0	154	29	112	936
645 - 35	V216 TR90-02 50.0M B	2080	6.3	241	63	53	7190
645 - 36	V216 TR90-02 50.0M C	290	1.0	891	18	170	2617
645 - 37	V216 TR90-02 60.0M A	155	1.2	249	23	135	702
645 - 38	V216 TR90-02 60.0M B	375	1.4	694	37	99	130
645 - 39	V216 TR90-02 60.0M C	15	<.1	282	6	145	55
645 - 40	V216 TR90-02 70.0M A	20	.2	103	20	79	26
645 - 41	V216 TR90-02 70.0M B	295	.2	391	53	146	39
645 - 42	V216 TR90-02 70.0M C	185	2.3	383	23	120	62
645 - 43	V216 TR90-03 0.0M A	35	.3	131	10	67	48
645 - 44	V216 TR90-03 0.0M B	25	<.1	154	22	68	30
645 - 45	V216 TR90-03 10.0M A	25	1.4	57	13	132	15
645 - 46	V216 TR90-03 10.0M B	130	<.1	195	16	79	19
645 - 47	V216 TR90-03 10.0M C	125	<.1	329	9	54	40
645 - 48	V216 TR90-03 20.0M A	20	1.2	96	10	58	17
645 - 49	V216 TR90-03 20.0M B	100	.4	338	5	46	20
645 - 50	V216 TR90-03 20.0M C	80	.5	243	1	94	21

NOTE: < = LESS THAN THAN
* = -42 MESH

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER3

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

OCTOBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-648

'lacer Dome Inc.
01, 1450 Pearson Place
AMLOOPS, B.C.
1S 1J9
TTENTION: MARC DESCHENES

ATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
ROJECT: V - 216 PULPS: STORE
UMBER SAMPLES: 42
YPE SAMPLES: SOILS

T#	Description			AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
48 - 1	V216 TR90-03	30.0M	A	40	.1	234	11	62	114
48 - 2	V216 TR90-03	30.0M	B	60	.1	451	13	66	30
48 - 3	V216 TR90-03	30.0M	C	40	.2	226	13	76	32
48 - 4	V216 TR90-03	40.0M	A	5	1.1	37	8	128	9
48 - 5	V216 TR90-03	40.0M	B	<5	<.1	90	6	58	19
48 - 6	V216 TR90-03	40.0M	C	45	.1	189	9	66	31
48 - 7	V216 TR90-03	50.0M	A	15	<.1	39	4	74	13
48 - 8	V216 TR90-03	50.0M	B	<5	<.1	56	6	58	14
48 - 9	V216 TR90-03	50.0M	C	30	.1	320	11	67	40
48 - 10	V216 TR90-04	0.0M	A	<5	<.1	67	14	106	15
48 - 11	V216 TR90-04	10.0M	A	20	.2	87	5	121	19
48 - 12	V216 TR90-04	10.0M	B	<5	<.1	89	3	68	38
48 - 13	V216 TR90-04	10.0M	C	20	.1	93	7	69	23
48 - 14	V216 TR90-04	20.0M	A	5	<.1	38	3	90	21
48 - 15	V216 TR90-04	20.0M	B	10	<.1	86	6	72	21
48 - 16	V216 TR90-04	20.0M	C	25	<.1	130	6	96	27
48 - 17	V216 TR90-04	30.0M	A	10	<.1	26	102	75	12
48 - 18	V216 TR90-04	30.0M	B	40	<.1	150	9	84	17
48 - 19	V216 TR90-04	30.0M	C	5	<.1	107	8	68	24
48 - 20	V216 TR90-05	0.0M	A	10	<.1	59	6	80	73
48 - 21	V216 TR90-05	0.0M	B	145	.9	3835	12	807	4456
48 - 22	V216 TR90-05	0.0M	C	85	.5	636	10	178	766
48 - 23	V216 TR90-05	10.0M	A	<5	.5	47	12	58	41
48 - 24	V216 TR90-05	10.0M	B	<5	.1	571	12	156	29
48 - 25	V216 TR90-05	10.0M	C	45	1.7	1300	10	158	179
48 - 26	V216 TR90-05	20.0M	A	<5	<.1	54	11	54	26
48 - 27	V216 TR90-05	20.0M	B	<5	<.1	97	22	87	17
48 - 28	V216 TR90-05	20.0M	C	135	<.1	630	40	201	74
48 - 29	V216 TR90-06	5.0/1.0M		810	4.9	635	12	155	9828
48 - 30	V216 TR90-06	5.0/2.0M		20	.1	465	35	238	618

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.

OCTOBER 5, 1990

ET#	Description			AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
648 - 31	V216 TR90-06	10.0	1.0M	380	1.9	214	55	97	1119
648 - 32	V216 TR90-06	10.0	2.0M	605	1.8	2005	40	512	2395
648 - 33	V216 TR90-06	10.0	3.0M	1185	2.4	4500	170	540	2564
648 - 34	V216 TR90-06	15.0	2.0M	13415	61.5	564	250	169	4345
648 - 35	V216 TR90-06	15.0	3.0M	3915	37.0	112	25	41	167
648 - 36	V216 TR90-06	15.0	4.0M	660	.4	6875	16	565	1632
648 - 37	V216 TR90-06	19.0M	0.2M	160	1.5	143	12	90	644
648 - 38	V216 TR90-06	19.0M	1.0M	270	1.1	530	22	78	736
648 - 39	V216 TR90-06	19.0M	2.0M	1325	5.9	1378	72	128	15497
648 - 40	V216 TR90-06	19.0M	3.0M	9365	26.0	169	140	113	2916
648 - 41	V216 TR90-06	19.0M	4.0M	860	2.1	7337	30	515	1269
648 - 42	V216 TR90-06	19.0M	5.0M	195	.7	849	45	330	170

NOTE: > = GREATER THAN
< = LESS THAN

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-647

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 30
TYPE SAMPLES: SOIL

TEST PITS

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
647 - 1	L 10115N 8590E 0.1 M	5	<.1	45	7	44	25
647 - 2	L 10150N 8620E 0.1 M	15	<.1	24	3	47	9
647 - 3	L 10500N 8652E 0.2 M	250	<.1	235	14	56	198
647 - 4	L 10500N 8652E 1.0 M	20	<.1	151	10	65	53
647 - 5	L 10500N 8652E 2.0 M	35	<.1	72	8	58	26
647 - 6	L 10500N 8652E 3.0 M	20	<.1	71	6	51	30
647 - 7	L 10500N 8652E 4.0 M	5	<.1	75	12	71	22
647 - 8	L 10500N 8670E 0.2 M	150	.2	139	11	76	285
647 - 9	L 10500N 8670E 1.0 M	20	<.1	80	10	70	61
647 - 10	L 10500N 8670E 2.0 M	20	<.1	74	8	49	32
647 - 11	L 10500N 8670E 3.0 M	<5	<.1	76	8	68	18
647 - 12	L 10500N 8670E 4.0 M	5	<.1	75	10	75	15
647 - 13	L 10515N 8670E 0.2 M	35	<.1	226	9	109	94
647 - 14	L 10515N 8670E 1.0 M	10	<.1	162	11	63	74
647 - 15	L 10515N 8670E 2.0 M	20	<.1	95	12	74	41
647 - 16	L 10515N 8670E 3.0 M	<5	<.1	66	8	57	26
647 - 17	L 10515N 8670E 4.0 M	<5	<.1	59	6	47	15
647 - 18	L 10550N 8670E 0.2 M	10	.3	87	9	61	85
647 - 19	L 10550N 8670E 1.0 M	215	<.1	154	15	71	86
647 - 20	L 10550N 8670E 2.0 M	10	<.1	100	10	74	42
647 - 21	L 10550N 8670E 3.0 M	10	<.1	65	8	57	20
647 - 22	L 10550N 8670E 4.0 M	50	<.1	59	8	50	20
647 - 23	L 10550N 8680E 0.2 M	40	.1	103	12	61	156
647 - 24	L 10550N 8680E 1.0 M	45	<.1	270	18	73	60
647 - 25	L 10550N 8680E 2.0 M	110	.2	366	16	92	33
647 - 26	L 10550N 8680E 3.0 M	15	<.1	67	12	54	23
647 - 27	L 10550N 8690E 0.2 M	85	1.2	185	10	75	138
647 - 28	L 10550N 8690E 1.0 M	25	.4	164	10	66	115
647 - 29	L 10550N 8690E 2.0 M	55	.5	317	11	77	82
647 - 30	L 10550N 8690E 3.0 M	5	.1	93	7	52	41

NOTE: > = GREATER THAN

CC. DAL, MD, BB, ETK

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

BC90/PLACER3

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

OCTOBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-646

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 WINDY PULPS: STORE
NUMBER SAMPLES: 47
TYPE SAMPLES: SOILS

TEST PITS

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
646 - 1	L10450N 8660E 0.2M	95	.2	283	2	144	167
646 - 2	L10450N 8660E 1.0M	55	.1	436	2	75	37
646 - 3	L10450N 8660E 2.0M	225	.7	839	7	132	88
646 - 4	L10450N 8660E 3.0M	410	.8	704	14	98	1029
646 - 5	L10450N 8660E 4.0M	250	1.0	859	12	104	1245
646 - 6	L10450N 8660E 5.0M	<5	.2	75	7	51	23
646 - 7	L10450N 8660E 5.5M	10	.1	81	6	42	15
646 - 8	L10450N 8670E 0.2M	645	3.4	190	32	147	2023
646 - 9	L10450N 8670E 1.0M	5125	14.3	670	260	121	8875
646 - 10	L10450N 8670E 2.0M	75	3.6	430	46	64	4104
646 - 11	L10450N 8670E 3.0M	2215	10.9	589	90	91	6740
646 - 12	L10450N 8670E 4.0M	175	.6	440	10	73	155
646 - 13	L10450N 8670E 5.0M	190	.3	455	2	62	103
646 - 14	L10450N 8670E 6.0M	355	.6	1508	10	77	284
646 - 15	L10450N 8680E 0.2M	140	1.0	295	17	92	394
646 - 16	L10450N 8680E 1.0M	160	.8	1600	3	85	96
646 - 17	L10450N 8680E 2.0M	25	.3	462	6	87	50
646 - 18	L10450N 8680E 3.0M	155	.8	1030	14	77	201
646 - 19	L10450N 8680E 4.0M	<5	.1	197	12	97	31
646 - 20	L10450N 8680E 5.0M	210	.2	221	20	65	29
646 - 21	L10450N 8700E 0.2M	155	.5	68	21	94	19
646 - 22	L10450N 8700E 1.0M	125	.4	394	25	85	34
646 - 23	L10450N 8700E 2.0M	100	.1	390	25	117	29
646 - 24	L10450N 8700E 3.0M	35	.1	235	12	110	47
646 - 25	L10450N 8700E 4.0M	90	.8	279	29	96	75
646 - 26	L10470N 8675E 0.2M	60	.4	86	12	50	150
646 - 27	L10470N 8675E 1.0M*	20	.1	120	40	84	102
646 - 28	L10470N 8675E 2.0M*	25	.1	86	63	87	50
646 - 29	L10470N 8675E 3.0M*	5	<.1	83	85	86	58
646 - 30	L10470N 8675E 4.0M	10	<.1	76	22	79	35

Jutta Jealouse

JUTTA JEALOUSE, Certified Assayer

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

401, 1450 Pearson Place

OCTOBER 5, 1990

TEST PITS

ET#	Description			AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
646 - 31	L10500N	8640E	0.2M	25	<.1	131	27	89	33
646 - 32	L10500N	8640E	1.0M	95	<.1	204	28	66	38
646 - 33	L10500N	8640E	2.0M	10	<.1	96	25	69	21
646 - 34	L10500N	8640E	3.0M	5	.2	93	7	71	23
646 - 35	L10500N	8640E	4.0M*	5	<.1	91	11	81	31
646 - 36	L10600N	8710E	0.2M	75	.8	168	16	112	322
646 - 37	L10600N	8710E	1.0M	165	<.1	435	17	92	137
646 - 38	L10600N	8710E	2.0M*	20	<.1	105	9	79	39
646 - 39	L10600N	8710E	3.0M	55	.2	192	15	82	360
646 - 40	L10600N	8710E	4.0M	275	.8	406	19	94	1035
646 - 41	L10600N	8710E	5.0M	205	.4	259	13	72	582
646 - 42	L10600N	8685E	0.2M	20	.5	150	10	95	168
646 - 43	L10600N	8685E	1.0M	195	<.1	81	7	42	56
646 - 44	L10600N	8685E	2.0M	50	.1	139	6	63	134
646 - 45	L10600N	8685E	3.0M	60	.9	145	8	91	146
646 - 46	L10600N	8685E	4.0M	160	.7	150	6	61	192
646 - 47	L10600N	8685E	5.5M	65	.2	107	4	64	83

NOTE: < = LESS THAN
* = -42 MESH

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER3

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

TEST PITS

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-626

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 25, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK

TR 90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
626 - 1	C 174	105	.2	85	14	38	32
626 - 2	C 175	40	.6	112	11	73	26
626 - 3	C 176	195	.2	165	89	87	14
626 - 4	C 177	90	.8	125	21	36	12
626 - 5	C 178	15	<.1	34	37	60	7
626 - 6	C 179	>1000	6.5	4400	252	115	112
626 - 7	C 180	50	.6	190	49	139	36

NOTE: > = GREATER THAN
< = LESS THAN

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-626

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

A S S A Y S

DATE RECEIVED: SEPTEMBER 25, 1990
PROJECT: V - 216
NUMBER SAMPLES: /
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE

TR90-02

ET#	Description	AU (g/t)	AU (oz/t)
626 - 6	C 179	6.01 *	.175

NOTE: * = SAMPLE SCREENED & METALLICS ASSAYED

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB, MD ETK

SC90/PLACERK3

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

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
626-6	6.045	2.799732	6.013082

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-633

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK TR90-05

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
633 - 1	C 197	65	.4	1039	33	89	25
633 - 2	C 198	75	.3	790	13	138	141
633 - 3	C 199	60	1.0	520	16	205	27
633 - 4	C 200	65	.2	519	11	99	26
633 - 5	C 201	60	.2	690	5	87	15
633 - 6	C 202	30	.1	315	9	60	16
633 - 7	C 203	30	.1	180	5	109	20

NOTE: > = GREATER THAN

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-611

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 6
TYPE SAMPLES: ROCK

TR90-01

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
611 - 1	C 125	20	<.1	217	7	34	2
611 - 2	C 126	15	<.1	369	6	37	5
611 - 3	C 127	105	4.2	157	108	199	100
611 - 4	C 128	35	1.6	147	117	328	22
611 - 5	C 129	<5	.1	224	9	29	7
611 - 6	C 130	30	<.1	378	12	48	8

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

OCTOBER 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-634

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK TR90-03

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
634 - 1	C 204	25	.2	39	8	19	11
634 - 2	C 205	10	.2	38	9	24	18
634 - 3	C 206	40	<.1	390	5	33	11
634 - 4	C 207	345	<.1	105	9	35	9
634 - 5	C 208	20	<.1	72	4	41	7
634 - 6	C 209	15	<.1	57	1	30	9
634 - 7	C 210	5	<.1	69	1	42	11
634 - 8	C 211	60	1.2	65	3	23	26

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER3

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

OCTOBER 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-625

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

TR90-03

DATE RECEIVED: SEPTEMBER 25, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK

TR90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
625 - 1	C 167	46	<.1	106	12	99	57
625 - 2	C 168	35	.2	121	67	196	52
625 - 3	C 169	30	.3	226	4	143	14
625 - 4	C 170	<5	<.1	200	5	149	20
625 - 5	C 171	20	.2	560	3	64	24
625 - 6	C 172	20	1	139	2	49	10
625 - 7	C 173	15	.3	101	8	86	20

NOTE: < = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

OCTOBER 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-632

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 5
TYPE SAMPLES: ROCK

TR 90-05

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
632 - 1	C 192	55	.3	249	11	65	139
632 - 2	C 193	40	<.1	203	4	84	109
632 - 3	C 194	15	<.1	157	1	45	44
632 - 4	C 195	35	.3	420	1	58	64
632 - 5	C 196	30	<1	735	10	37	44

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER3

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-607

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 20, 1990
PROJECT: V - 216
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE

TR90-01

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
607 - 1	C 101	120	<.1	231	12	47	33
607 - 2	C 102	25	<.1	217	2	41	16
607 - 3	C 103	105	<.1	114	6	42	12
607 - 4	C 104	15	<.1	149	4	84	6
607 - 5	C 105	10	<.1	112	5	56	13
607 - 6	C 106	5	<.1	167	6	54	11

NOTE: > = GREATER THAN

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC: DAL, BB,MB ETK

[illegible]

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-610

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 6
TYPE SAMPLES: ROCK

TR90-01

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
610 - 1	C 119	35	.1	626	6	43	9
610 - 2	C 120	20	<.1	349	5	29	7
610 - 3	C 121	85	.9	411	265	287	4
610 - 4	C 122	60	.2	188	9	26	6
610 - 5	C 123	25	.2	169	5	32	11
610 - 6	C 124	80	.2	286	7	42	8

NOTE: > = GREATER THAN

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-614

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK TR90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
614 - 1	C 136	<5	<.1	164	10	41	11
614 - 2	C 137	<5	.1	167	9	103	15
614 - 3	C 138	60	.1	185	8	110	33
614 - 4	C 139	10	.1	487	7	92	28
614 - 5	C 140	120	.6	703	8	105	180
614 - 6	C 141	50	.4	423	7	70	206

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-615

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK TR90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
615 - 1	C 142	175	.4	317	8	95	143
615 - 2	C 143	105	.6	325	6	129	32
615 - 3	C 144	110	.2	166	7	81	21
615 - 4	C 145	<5	<.1	41	6	54	7
615 - 5	C 146	70	<.1	119	6	73	10
615 - 6	C 147	80	<.1	223	7	128	24

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-616

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK TR 90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
616 - 1	C 148	35	<.1	169	8	69	24
616 - 2	C 149	60	<.1	164	10	118	31
616 - 3	C 150	85	.1	213	8	67	206
616 - 4	C 151	75	<.1	152	9	70	39
616 - 5	C 152	65	.1	463	10	79	69
616 - 6	C 153	400	.2	221	10	45	11

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JULIA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-617

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK TR90-02

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
617 - 1	C 154	40	.2	235	8	66	16
617 - 2	C 155	45	.1	389	9	81	27
617 - 3	C 156	25	<.1	448	10	92	34
617 - 4	C 157 Fault gouge	90	<.1	226	7	94	25
617 - 5	C 158 QZ VEIN	20	<.1	51	6	22	5
617 - 6	C 159 Fault gouge	55	.8	445	11	82	62
617 - 7	C 160 " "	35	2.3	956	12	110	69

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Richard Haslinger File # 90-3001

Box 335, Fort St. James BC V0J 1P0

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
WINDY #1	3	20596	101	831	39.1	20	665	155	23.19	39579	5	11	1	7	12.2	43	20	11	.09	.042	2	47	.19	27	.01	8	.74	.01	.14	1	10898	1	66

MASSIVE SULFIDE FLOAT

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: Rock AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP.

DATE RECEIVED: JUL 30 1990 **DATE REPORT MAILED:** Aug 7/90. **SIGNED BY** C. Leong .D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

ACME ANALYTICAL LABORATORIES LTD. 852 E. HASTINGS ST. VANCOUVER B.C. V6A 1R6 PHONE(604)253-3158 FAX(604)253-1716

GEOCHEMICAL ANALYSIS CERTIFICATE

Richard Haslinger File # 90-4121 Page 1

Box 335, Fort St. James BC V0J 1P0

CLOSE TO LORRAINE

SAMPLE#	Mo ppm	Cu ppm	Pb ppm	Zn ppm	Ag ppm	Ni ppm	Co ppm	Mn ppm	Fe %	As ppm	U ppm	Au ppm	Th ppm	Sr ppm	Cd ppm	Sb ppm	Bi ppm	V ppm	Ca %	P %	La ppm	Cr ppm	Mg %	Ba ppm	Ti %	B ppm	Al %	Na %	K %	W ppm	Au** ppb	Pt** ppb	Pd** ppb
BOOT #1	1	10	5	52	.1	20	16	874	3.54	2	5	ND	1	213	.2	5	3	53	5.63	.075	3	14	2.22	953	.01	3	.22	.01	.08	1	6	2	2
BOOT #2	1	29	16	128	.1	27	21	1439	4.98	4	5	ND	1	325	.8	5	2	95	5.15	.046	2	14	2.43	1318	.01	2	.17	.01	.09	1	21	2	3
BOOT #3	1	90	5	62	.1	29	22	847	4.87	7	5	ND	1	123	.4	2	3	35	3.20	.115	6	28	1.07	461	.01	2	.22	.01	.10	1	15	4	7
WINDY #5	7	25706 ✓	83	1272	41.2 ✓	26	208	110	25.99	96027 ✓	13	21	1	4	22.7	106	25	7	.02	.001	5	18	.02	2	.01	4	.08	.01	.01	1	26885	2	8
STANDARD C	19	58	41	135	6.8	72	31	1050	3.95	39	20	7	38	53	18.6	15	20	56	.51	.099	37	59	.89	180	.07	37	1.90	.06	.14	13	-	-	-

ICP - .500 GRAM SAMPLE IS DIGESTED WITH 3ML 3-1-2 HCL-HNO3-H2O AT 95 DEG. C FOR ONE HOUR AND IS DILUTED TO 10 ML WITH WATER.
THIS LEACH IS PARTIAL FOR MN FE SR CA P LA CR MG BA TI B W AND LIMITED FOR NA K AND AL. AU DETECTION LIMIT BY ICP IS 3 PPM.
- SAMPLE TYPE: P1 ROCK P2 SILT AU** PT** PD** BY FIRE ASSAY & ANALYSIS BY ICP FROM 10 GM SAMPLE.

DATE RECEIVED: SEP 4 1990 **DATE REPORT MAILED:** Sept 13/90. **SIGNED BY** C. Leong .....D.TOYE, C.LEONG, J.WANG; CERTIFIED B.C. ASSAYERS

✓ ASSAY RECOMMENDED

BB - MD - file

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

NOVEMBER 26, 1990

CERTIFICATE OF ANALYSIS ETK 90- 735

PLACER DOME RESEARCH
323 ALEXANDER STREET
VANCOUVER, B.C.
V6A 1C4

DATE RECEIVED: NOVEMBER 21, 1990 REJECTS: STORE
PROJECT: Windy PULPS: STORE
NUMBER SAMPLES: 11
TYPE SAMPLES: PULP N O T E : > = MORE THAN

ET#	Description	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Pb (%)	Zn (%)	As (ppm)
735 - 1	C 181	.06	.002	.2	.01	.01	<.01	.01	<.01
735 - 2	C 182	.04	.001	.1	<.01	<.01	.01	.01	<.01
735 - 3	C 183	<.03	<.001	.1	<.01	<.01	.01	<.01	<.01
735 - 4	C 184	<.03	<.001	<.1	<.01	<.01	.02	.01	<.01
735 - 5	C 185	<.03	<.001	.3	.01	<.01	<.01	.01	<.01
735 - 6	C 186	.03	.001	<.1	<.01	.01	.01	.01	<.01
735 - 7	C 187	<.03	<.001	.2	.01	.01	.01	.01	<.01
735 - 8	C 188	.03	.001	<.1	<.01	.01	.01	.01	<.01
735 - 9	C 189	<.03	<.001	.2	.01	.01	.01	.02	<.01
735 - 10	C 190	<.03	<.001	<.1	<.01	<.01	.02	<.01	<.01
735 - 11	C 191	.48	.014	.2	.01	.01	.02	.03	<.01

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X
SC90/PLACER3

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

PDI lab data file: P0602
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0602

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EG EK MG RH LAB

REMARKS:
"ASSAU AU >1000 PPB; AS >1000 PPM; ZN >1000 PPM"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
ZN	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

PLACER DEVELOPMENT LTD.
DATA STORAGE
Received OCT 12 1989
File Ref.
File No.
Exploration

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE	PROJECT		Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Zn PPM
		C181	0602	<0.2	4	<5	27	7	45
		C182	0602	<0.2	<2	20	31	8	46
		C183	0602	<0.2	<2	<5	35	4	31
		C184	0602	<0.2	<2	<5	47	4	47
		C185	0602	<0.2	<2	<5	35	5	40
		C186	0602	<0.2	<2	<5	81	5	60
		C187	0602	<0.2	<2	<5	91	4	62
		C188	0602	<0.2	<2	<5	99	3	44
		C189	0602	<0.2	<2	<5	90	5	49
		C189*	0602	<0.2	<2	<5	91	6	51
		C190	0602	<0.2	<2	20	42	5	36
		C191	0602	0.2	6	335	174	70	223
test	STD P1		0602	0.2	22		22	50	130
test	STD AU8		0602			300			

END OF LISTING - 14 RECORDS PRINTED Run on: 90:10:03 at 11:16:04

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	10	0	0	0	11
AS	0	9	0	0	0	11
AU1	0	8	0	0	0	11

3 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	11				
SAMP	0	11				
PROJ	11	0	0602	0602		
AG	11	0	0.10	0.20	0.11	0.03
AS	11	0	1.00	6.00	1.73	1.68
AU1	11	0	2.50	335.00	35.91	99.44
CU	11	0	27.00	174.00	68.36	44.41
PB	11	0	3.00	70.00	10.91	19.65
ZN	11	0	31.00	223.00	62.09	54.14

END OF SCAN: DATE: 90:10:03 time: 11:16:04 11 RECORDS PROCESSED

PLACER DOME INC (VANCOUVER LABORATORY)

GEOCHEMICAL DATA LISTING: V216 WINDY DATE: 90:08:16

SOILS SAMPLES ON "NEW SHOWING"

PDI lab data file: P0484
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0484

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EK EG MG RH LAB

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 1

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10400N	8630E	0484	18	<5	41
	10400N	8645EA	0484	16	<5	42
	10400N	8645EB	0484	16	<5	53
	10400N	8650E	0484	14	<5	38
	10400N	8655EA	0484	6	<5	30
	10400N	8655EB	0484	6	10	36
	10400N	8665EA	0484	16	<5	42
	10400N	8665EB	0484	40	<5	52
test	STD P1		0484	20		22
	10400N	8670E	0484	6	<5	53
	10400N	8690E	0484	<2	<5	37
	10400N	8710E	0484	<2	<5	50
	10400N	8730E	0484	<2	<5	54
	10400N	8750E	0484	<2	<5	53
	10400N	8755EA	0484	<2	<5	35
	10400N	8755EB	0484	<2	155	116
	10400N	8770E	0484	<2	<5	32
	10400N	8790E	0484	<2	<5	37
	10400N	8790E*	0484	<2	<5	38
	10400N	8810E	0484	<2	10	37
	10400N	8830E	0484	<2	<5	40
	10400N	8850E	0484	6	<5	39
	10420N	8620E	0484	2	20	45
	10420N	8635EA	0484	64	25	117
	10420N	8635EB	0484	0.25%	1695	1070
	10420N	8640	0484	128	115	221
	10420N	8645EA	0484	0.22%	3420	430
	10420N	8645EB	0484	0.30%	2605	720
	10420N	8645EB*	0484		1885	720
	10442N	8674EA	0484	0.21%	400	670
	10442N	8674EB	0484	0.41%	640	2110
	10450N	8600E	0484	10	<5	42
	10450N	8620E	0484	10	10	700
	10450N	8635EA	0484	80	<5	73
	10450N	8635EB	0484	14	<5	327
	10450N	8640E	0484	74	<5	216
	10450N	8645EA	0484	280	10	288
	10450N	8645EB	0484	240	25	460
	10450N	8645EB*	0484	260	15	460
	10450N	8660E	0484	258	30	197
	10450N	8680E	0484	940	325	610
	10450N	8695EA	0484	32	15	113
	10450N	8695EB	0484	28	40	800
	10450N	8700E	0484	6	45	123
	10450N	8705EA	0484	8	40	75
	10450N	8705EB	0484	36	150	374
	10450N	8720E	0484	18	45	275
	10450N	8740E	0484	6	95	336
	10450N	8740E*	0484	4	60	332
	10450N	8760E	0484	6	<5	163
	10450N	8780E	0484	8	20	59
	10450N	8800E	0484	<2	<5	83
	10450N	8820E	0484	<2	<5	44
	10450N	8840E	0484	<2	<5	44
	10500N	8600E	0484	<2	<5	58

1/1,000,000

1 ppm = .0001 %

≡ 2500 ppm.

≈ 1000 ppm

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 2

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10500N	8620E	0484	<2	<5	55
	10500N	8640E	0484	22	40	116
	10500N	8660E	0484	20	<5	107
test	STD P1		0484	20		25
	10500N	8680E	0484	32	<5	45
	10500N	8685EA	0484	<2	<5	35
	10500N	8685EB	0484	112	10	60
	10500N	8700E	0484	6	<5	31
	10500N	8720E	0484	6	10	113
	10500N	8740E	0484	10	<5	96
	10500N	8760E	0484	<2	<5	75
	10500N	8770EA	0484	260	65	127
	10500N	8770EB	0484	74	<5	88
	10500N	8770EB*	0484	80	10	86
	10500N	8775EA	0484	212	205	97
	10500N	8775EB	0484	380	200	154
	10500N	8780E	0484	<2	<5	31
	10500N	8800E	0484	<2	<5	53
	10500N	8820E	0484	<2	<5	42
	10500N	8840E	0484	<2	<5	28
	10550N	8580E	0484	<2	<5	36
	10550N	8600E	0484	10	5	43
	10550N	8620E	0484	10	<5	35
	10550N	8620E*	0484	6	<5	36
	10550N	8640E	0484	10	10	52
	10550N	8660E	0484	40	70	67
	10550N	8665EA	0484	56	<5	68
	10550N	8665EB	0484	180	200	113
	10550N	8675EA	0484	22	15	52
	10550N	8675EB	0484	62	20	166
	10550N	8680E	0484	38	10	66
	10550N	8700E	0484	204	180	211
	10550N	8715EA	0484	<2	<5	31
	10550N	8715EA*	0484	<2	<5	30
	10550N	8715EB	0484	<2	<5	32
	10550N	8720E	0484	4	10	67
	10550N	8725EA	0484	<2	<5	36
	10550N	8725EB	0484	<2	20	130
	10550N	8740E	0484	<2	<5	20
	10550N	8760E	0484	<2	<5	30
	10550N	8780E	0484	<2	<5	44
	10550N	8800E	0484	<2	<5	49
	10550N	8820E	0484	6	<5	31
	10550N	8820E*	0484	4	<5	33
	10550N	8840E	0484	<2	<5	29
	10600N	8590E	0484	<2	<5	114
	10600N	8610E	0484	10	<5	190
	10600N	8630E	0484	16	<5	116
	10600N	8650E	0484	28	20	104
	10600N	8670E	0484	104	<5	200
	10600N	8690E	0484	240	100	219
	10600N	8700EA	0484	760	135	480
	10600N	8700EB	0484	580	250	430
test	STD P1		0484	20		23
	10600N	8710E	0484	600	150	231

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE		PROJECT	As PPM	Au1 PPB	Cu PPM
	10600N	8710EA	0484	420	105	207
	10600N	8710EB	0484	1020	350	570
	10600N	8730E	0484	24	30	62
	10600N	8750E	0484	<2	20	106
	10600N	8770E	0484	4	<5	35
	10600N	8780EA	0484	<2	<5	36
	10600N	8780EB	0484	<2	<5	45
	10600N	8790E	0484	<2	<5	34
	10600N	8790E*	0484	<2	<5	34
	10600N	8790EA	0484	16	30	32
	10600N	8790EB	0484	64	10	115
	10600N	8810E	0484	18	<5	39
	10600N	8830E	0484	16	30	51
	10600N	8850E	0484	18	<5	35
	10700N	8580E	0484	20	<5	69
	10700N	8600E	0484	18	155	72
	10700N	8620E	0484	28	20	45
	10700N	8640E	0484	38	35	172
	10700N	8640E*	0484	32	60	179
	10700N	8660E	0484	40	150	100
	10700N	8680E	0484	36	20	59
	10700N	8700E	0484	30	165	95
	10700N	8720E	0484	56	5	59
	10700N	8740E	0484	196	45	44
	10700N	8760E	0484	64	<5	52
	10700N	8780E	0484	56	<5	41
	10700N	8800E	0484	28	90	91
	10700N	8820E	0484	66	20	86
	10700N	8820E*	0484	70	35	90
	10700N	8840E	0484	26	15	48
test	STD P1		0484			21
test	STD AU7		0484		400	
test	STD AU7		0484		380	
test	STD AU7		0484		390	
test	STD AU7		0484		240	

END OF LISTING - 145 RECORDS PRINTED Run on: 90:08:16 at 8:33:32

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AS	0	36	0	5	0	126
AU1	0	63	0	0	0	126

19 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	126				
SAMP	126	0	10400N	10700N		
PROJ	126	0	0484	0484		
AS	126	0	1.00	4100.00	180.51	574.94
AU1	126	0	2.50	3420.00	104.15	412.29
CU	126	0	20.00	2110.00	150.83	249.71

END OF SCAN: DATE: 90:08:16 time: 8:33:32 126 RECORDS PROCESSED

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
645 - 31	V216 TR90-02 40.0M A	75	.7	154	8	46	391
645 - 32	V216 TR90-02 40.0M B	750	5.0	1158	27	94	4110
645 - 33	V216 TR90-02 40.0M C	110	.5	1762	2	146	662
645 - 34	V216 TR90-02 50.0M A	315	2.0	154	29	112	936
645 - 35	V216 TR90-02 50.0M B	2080	6.3	241	63	53	7190
645 - 36	V216 TR90-02 50.0M C	290	1.0	891	18	170	2617
645 - 37	V216 TR90-02 60.0M A	155	1.2	249	23	135	702
645 - 38	V216 TR90-02 60.0M B	375	1.4	694	37	99	130
645 - 39	V216 TR90-02 60.0M C	15	<.1	282	6	145	55
645 - 40	V216 TR90-02 70.0M A	20	.2	103	20	79	26
645 - 41	V216 TR90-02 70.0M B	295	.2	391	53	146	39
645 - 42	V216 TR90-02 70.0M C	185	2.3	383	23	120	62
645 - 43	V216 TR90-03 0.0M A	35	.3	131	10	67	48
645 - 44	V216 TR90-03 0.0M B	25	<.1	154	22	68	30
645 - 45	V216 TR90-03 10.0M A	25	1.4	57	13	132	15
645 - 46	V216 TR90-03 10.0M B	130	<.1	195	16	79	19
645 - 47	V216 TR90-03 10.0M C	125	<.1	329	9	54	40
645 - 48	V216 TR90-03 20.0M A	20	1.2	96	10	58	17
645 - 49	V216 TR90-03 20.0M B	100	.4	338	5	46	20
645 - 50	V216 TR90-03 20.0M C	80	.5	243	1	94	21

NOTE: < = LESS THAN THAN
* = -42 MESH

Jutta Jealouse

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

COPY

CC. DAL, MD, BB,ETK

SC90/PLACER3

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY DATE: 90:10:03

PDI lab data file: P0602
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0602

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EG EK MG RH LAB

REMARKS:
"ASSAU AU >1000 PPB; AS >1000 PPM; ZN >1000 PPM"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
ZN	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

PDI GEOCHEM SYSTEM: Data From: V216 WINDY PAGE: 1

TR 90-04

GRID	SAMPLE	PROJECT	Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Zn PPM
	C181	0602	<0.2	4	<5	27	7	45
	C182	0602	<0.2	<2	20	31	8	46
	C183	0602	<0.2	<2	<5	35	4	31
	C184	0602	<0.2	<2	<5	47	4	47
	C185	0602	<0.2	<2	<5	35	5	40
	C186	0602	<0.2	<2	<5	81	5	60
	C187	0602	<0.2	<2	<5	91	4	62
	C188	0602	<0.2	<2	<5	99	3	44
	C189	0602	<0.2	<2	<5	90	5	49
	C189*	0602	<0.2	<2	<5	91	6	51
	C190	0602	<0.2	<2	20	42	5	36
	C191	0602	0.2	6	335	174	70	223
test	STD P1	0602	0.2	22		22	50	130
test	STD AU8	0602			300			

END OF LISTING - 14 RECORDS PRINTED Run on: 90:10:03 at 11:16:04

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	10	0	0	0	11
AS	0	9	0	0	0	11
AU1	0	8	0	0	0	11

3 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	11				
SAMP	0	11				
PROJ	11	0	0602	0602		
AG	11	0	0.10	0.20	0.11	0.03
AS	11	0	1.00	6.00	1.73	1.68
AU1	11	0	2.50	335.00	35.91	99.44
CU	11	0	27.00	174.00	68.36	44.41
PB	11	0	3.00	70.00	10.91	19.65
ZN	11	0	31.00	223.00	62.09	54.14

END OF SCAN: DATE: 90:10:03 time: 11:16:04 11 RECORDS PROCESSED

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-638

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 4
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
638 - 1	C 235	30	.5	136	22	60	23
638 - 2	C 236	>1000	.2	76	8	93	34
638 - 3	C 237	100	.4	492	6	155	68
638 - 4	C 238	10	.1	66	4	29	7

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 4, 1990

CERTIFICATE OF ANALYSIS ETK 90-638

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

A S S A Y S

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 4
TYPE SAMPLES: ROCK

ET#	Deecription	AU (g/t)	AU (oz/t)
638 - 2	C 236	1.13	.033

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL., MD, BB,ETK

SC90/PLACER3

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

OCTOBER 2, 1990

CERTIFICATE OF ANALYSIS ETK 90-634

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 26, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 8
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
634 - 1	C 204	25	.2	39	8	19	11
634 - 2	C 205	10	.2	38	9	24	18
634 - 3	C 206	40	<.1	390	5	33	11
634 - 4	C 207	345	<.1	105	9	35	9
634 - 5	C 208	20	<.1	72	4	41	7
634 - 6	C 209	15	<.1	57	1	30	9
634 - 7	C 210	5	<.1	69	1	42	11
634 - 8	C 211	60	1.2	65	3	23	26

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90-645

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 50
TYPE SAMPLES: SOILS

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
645 - 1	V216 TR90- 1 0.0M A	10	<.1	49	9	47	48
645 - 2	V216 TR90- 1 0.0M B*	<5	<.1	52	13	56	78
645 - 3	V216 TR90- 1 0.0M C*	60	<.1	126	10	69	203
645 - 4	V216 TR90- 1 10.0M A	30	<.1	855	11	258	313
645 - 5	V216 TR90- 1 10.0M B	<5	<.1	102	13	81	73
645 - 6	V216 TR90- 1 10.0M C*	10	<.1	244	9	140	197
645 - 7	V216 TR90- 1 20.0M A	15	<.1	184	14	158	306
645 - 8	V216 TR90- 1 20.0M B	10	.1	527	11	169	250
645 - 9	V216 TR90- 1 20.0M C	5	.1	368	4	124	79
645 - 10	V216 TR90- 1 30.0M A	<5	<.1	37	11	50	14
645 - 11	V216 TR90- 1 30.0M B	130	.5	387	24	159	1644
645 - 12	V216 TR90- 1 30.0M C	15	.3	179	14	117	153
645 - 13	V216 TR90- 1 40.0M A	<5	.1	49	10	59	15
645 - 14	V216 TR90- 1 40.0M B	275	.5	724	20	138	23
645 - 15	V216 TR90- 1 40.0M C	85	.2	633	8	74	22
645 - 16	V216 TR90- 1 50.0M A	10	<.1	38	4	57	12
645 - 17	V216 TR90- 1 50.0M B	85	.4	400	12	140	29
645 - 18	V216 TR90- 1 50.0M C	135	.5	881	18	320	33
645 - 19	V216 TR90-02 0.0M A	25	.3	124	10	66	55
645 - 20	V216 TR90-02 0.0M B	<5	.1	73	9	50	15
645 - 21	V216 TR90-02 0.0M C*	<5	.1	99	9	51	15
645 - 22	V216 TR90-02 10.0M A	50	1.3	232	11	67	144
645 - 23	V216 TR90-02 10.0M B	7052	9.5	752	23	126	5066
645 - 24	V216 TR90-02 10.0M C*	265	.6	763	9	71	849
645 - 25	V216 TR90-02 20.0M A	2535	11.6	286	35	115	1591
645 - 26	V216 TR90-02 20.0M B	1385	9.9	685	27	100	3977
645 - 27	V216 TR90-02 20.0M C	1205	8.3	971	27	126	1944
645 - 28	V216 TR90-02 30.0M A	<5	.1	73	5	42	35
645 - 29	V216 TR90-02 30.0M B	50	.4	1410	9	99	97
645 - 30	V216 TR90-02 30.0M C	880	2.0	1305	23	144	623

COPY

Jutta Jealouse
JUTTA JEALOUSE, B.C. CERTIFIED ASSAYER

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

OCTOBER 9, 1990

CERTIFICATE OF ANALYSIS ETK 90-644

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 5
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
644 - 1	C 239	415	.5	303	22	57	25
644 - 2	C 240	>1000	3.6	3298	26	119	75
644 - 3	C 241	>1000	2.9	615	28	50	57
644 - 4	C 242	>1000	4.5	3640	27	213	82
644 - 5	C 243	70	.6	70	22	60	21

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

OCTOBER 9, 1990

CERTIFICATE OF ANALYSIS ETK 90-644

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: MARC DESCHENES

A S S A Y S

DATE RECEIVED: SEPTEMBER 28, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 5
TYPE SAMPLES: ROCK

ET#	Description		AU (g/t)	AU (oz/t)
644 - 2	C	240	1.56	.045
644 - 3	C	241	2.36	.069
644 - 4	C	242	1.68	.049

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER3

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

DATE: Sept 28 1990

TO: Doug Yeishman

FROM: Marlene

NO. OF PAGES: 10 **(including this page)**

MESSAGE:

results ETK 614
615
607
610
599 Lorne W.
616
617

results were faxed to
Ft. St James Also.

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-607

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
607 1	C 101	120	<.1	231	12	47	33
607 2	C 102	25	<.1	217	2	41	16
607 - 3	C 103	105	<.1	114	6	42	12
607 - 4	C 104	15	<.1	149	4	84	6
607 - 5	C 105	10	<.1	112	5	56	13
607 - 6	C 106	5	<.1	167	6	54	11

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MB ETK

SC90/PLACERK2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-610

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
610 1	C 119	35	.1	626	6	43	9
610 2	C 120	20	<.1	349	5	29	7
610 - 3	C 121	85	.9	411	265	287	4
610 - 4	C 122	60	.2	188	9	26	6
610 - 5	C 123	25	.2	169	5	32	11
610 6	C 124	80	.2	286	7	42	8

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

METALLIC CALCULATION

SAMPLE NUMBER	-140 VALUE	+140 VALUE	CALCULATED VALUE
599-2	14.63	32.06941	13.42653

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-616

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
616 - 1	C 148	35	<.1	169	8	69	24
616 - 2	C 149	60	<.1	164	10	118	31
616 - 3	C 150	85	.1	213	8	67	206
616 4	C 151	75	<.1	152	9	70	39
616 - 5	C 152	65	.1	463	10	79	69
616 6	C 153	400	.2	221	10	45	11

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-617

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 7
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
617 - 1	C 154	40	.2	235	8	66	16
617 - 2	C 155	45	.1	389	9	81	27
617 - 3	C 156	25	<.1	448	10	92	34
617 4	C 157	90	<.1	226	7	94	25
617 5	C 158	20	<.1	51	6	22	5
617 6	C 159	55	.8	445	11	82	62
617 - 7	C 160	35	2.3	956	12	110	69

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB,ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-614

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
614 - 1	C 136	<5	<.1	164	10	41	11
614 - 2	C 137	<5	.1	167	9	103	15
614 - 3	C 138	60	.1	185	8	110	33
614 - 4	C 139	10	.1	487	7	92	28
614 - 5	C 140	120	.6	703	8	105	180
614 - 6	C 141	50	.4	423	7	70	206

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

SEPTEMBER 27, 1990

CERTIFICATE OF ANALYSIS ETK 90-615

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES: 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
615 - 1	C 142	175	.4	317	8	95	143
615 2	C 143	105	.6	325	6	129	32
615 - 3	C 144	110	.2	166	7	81	21
615 - 4	C 145	<5	<.1	41	6	54	7
615 - 5	C 146	70	<.1	119	6	73	10
615 6	C 147	80	<.1	223	7	128	24

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

CC. DAL, MD, BB, ETK

SC90/PLACER2

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

OCTOBER 1, 1990

CERTIFICATE OF ANALYSIS ETK 90-613

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

A S S A Y

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 5
TYPE SAMPLES: ROCK

ET#	Description	AU (g/t)	AU (oz/t)
613 - 3	C 133	1.31	.038

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

OCTOBER 1, 1990

CERTIFICATE OF ANALYSIS ETK 90-613

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 21, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 5
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
613 - 1	C 131	40	.6	547	6	51	9
613 - 2	C 132	10	<.1	248	6	43	6
613 - 3	C 133	>1000	1.0	247	87	301	11
613 - 4	C 134	70	.2	58	7	56	6
613 - 5	C 135	40	.1	191	8	88	7

NOTE: > = GREATER THAN
< = LESS THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

OCTOBER 1, 1990

CERTIFICATE OF ANALYSIS ETK 90-609

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
609 - 1	C 113	25	<.1	262	27	74	13
609 - 2	C 114	10	<.1	137	12	79	16
609 - 3	C 115	435	2.3	301	28	110	55
609 - 4	C 116	10	<.1	131	7	103	16
609 - 5	C 117	35	.1	128	2	122	14
609 - 6	C 118	30	<.1	297	4	59	12

NOTE: > = GREATER THAN

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

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

OCTOBER 1, 1990

CERTIFICATE OF ANALYSIS ETK 90-608

Placer Dome Inc.
401, 1450 Pearson Place
KAMLOOPS, B.C.
V1S 1J9
ATTENTION: DOUG LEISCHMAN

DATE RECEIVED: SEPTEMBER 20, 1990 REJECTS: STORE
PROJECT: V - 216 PULPS: STORE
NUMBER SAMPLES 6
TYPE SAMPLES: ROCK

ET#	Description	AU (ppb)	AG (ppm)	CU (ppm)	PB (ppm)	ZN (ppm)	AS (ppm)
608 - 1	C 107	5	.2	149	8	41	21
608 - 2	C 108	60	.3	138	7	56	11
608 - 3	C 109	15	.2	102	5	49	16
608 - 4	C 110	40	.8	962	6	61	10
608 - 5	C 111	35	.4	542	12	118	10
608 - 6	C 112	590	1.7	448	19	155	16

ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. CERTIFIED ASSAYER

CC. DAL, BB,MD ETK

SC90/PLACERK2

P L A C E R D O M E I N C (V A N C O U V E R L A B O R A T O R Y)

GEOCHEMICAL DATA LISTING: V216 WINDY

PDI lab data file: P0602
AREA: WINDY
MAPSHEET NO:
VENTURE: V216
GEOLOGIST: D LEISHMAN
LAB PROJECT NO: 0602

PLEASE DISTRIBUTE RESULTS TO: DL BB MD EG EK MG RH LAB

REMARKS:
"ASSAU AU >1000 PPB; AS >1000 PPM; ZN >1000 PPM"

STANDARD ANALYSIS METHODS USED BY PDL GEOCHEM LAB ARE LISTED BELOW:
ALL RESULTS EXPRESSED AS INDICATED IN UNITS COLUMN BELOW
ANY EXCEPTIONS FOR THIS PROJECT ARE NOTED ABOVE

REMARKS: INTERNAL LAB STANDARDS HAVE BEEN INCLUDED FOR REFERENCE.
SAMPLE NUMBERS FOLLOWED BY * ARE DUPLICATE ANALYSES.

	UNITS	WT.G	ATTACK USED	TIME	RANGE	METHOD
AG	PPM	0.5	HCLO4/HNO3	4HRS	0.2-20	A.A. BACKGROUND COR
AS	PPM	0.5	AQUA REGIA	3HRS	2-2000	DC PLASMA
AU1	PPB	10.0	AQUA REGIA	3HRS	5-4000	A.A. SOLVENT EXTRACT.
CU	PPM	0.5	HCLO4/HNO3	4HRS	2-4000	ATOMIC ABSORPTION
PB	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	A.A. BACKGROUND COR.
ZN	PPM	0.5	HCLO4/HNO3	4HRS	2-3000	ATOMIC ABSORPTION

PLACER DEVELOPMENT LTD.
DATA STORAGE
Received OCT 12 19
File Ref.
File No.
Exploration Dept.

PDI GEOCHEM SYSTEM: Data From: V216 WINDY

GRID	SAMPLE	PROJECT		Ag PPM	As PPM	Au1 PPB	Cu PPM	Pb PPM	Zn PPM
		C181	0602	<0.2	4	<5	27	7	45
		C182	0602	<0.2	<2	20	31	8	46
		C183	0602	<0.2	<2	<5	35	4	31
		C184	0602	<0.2	<2	<5	47	4	47
		C185	0602	<0.2	<2	<5	35	5	40
		C186	0602	<0.2	<2	<5	81	5	60
		C187	0602	<0.2	<2	<5	91	4	62
		C188	0602	<0.2	<2	<5	99	3	44
		C189	0602	<0.2	<2	<5	90	5	49
		C189*	0602	<0.2	<2	<5	91	6	51
		C190	0602	<0.2	<2	20	42	5	36
		C191	0602	0.2	6	335	174	70	223
test	STD P1		0602	0.2	22		22	50	130
test	STD AU8		0602			300			

END OF LISTING - 14 RECORDS PRINTED Run on: 90:10:03 at 11:16:04

PLACER DOME INC: GEOCHEM ASSAY SYSTEM

Following elements needed some values adjusted:

ELEMENT	NSS	LOW	HI	%	BLNK	NVAL
AG	0	10	0	0	0	11
AS	0	9	0	0	0	11
AU1	0	8	0	0	0	11

3 records skipped: tests, duplicate analyses

SUMMARY OF GEOCHEM DATA: V216 WINDY

ITEM	# VALUES	MISSING	MINIMUM	MAXIMUM	AVERAGE	STD. DEV.
GRID	0	11				
SAMP	0	11				
PROJ	11	0	0602	0602		
AG	11	0	0.10	0.20	0.11	0.03
AS	11	0	1.00	6.00	1.73	1.68
AU1	11	0	2.50	335.00	35.91	99.44
CU	11	0	27.00	174.00	68.36	44.41
PB	11	0	3.00	70.00	10.91	19.65
ZN	11	0	31.00	223.00	62.09	54.14

END OF SCAN: DATE: 90:10:03 time: 11:16:04 11 RECORDS PROCESSED

Mark Deschenes.

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

NOVEMBER 26, 1990

CERTIFICATE OF ANALYSIS ETK 90- 735

PLACER DOME RESEARCH
323 ALEXANDER STREET
VANCOUVER, B.C.
V6A 1C4

WINDY

DATE RECEIVED: NOVEMBER 21, 1990 REJECTS: STORE
PROJECT: PULPS: STORE
NUMBER SAMPLES: 11
TYPE SAMPLES: PULP N O T E : > = MORE THAN

ET#	Description	Au (g/t)	Au (oz/t)	Ag (g/t)	Ag (oz/t)	Cu (%)	Pb (%)	Zn (%)	As (ppm)
735 - 1	C 181	.06	.002	.2	.01	.01	<.01	.01	<.01
735 - 2	C 182	.04	.001	.1	<.01	<.01	.01	.01	<.01
735 - 3	C 183	<.03	<.001	.1	<.01	<.01	.01	<.01	<.01
735 - 4	C 184	<.03	<.001	<.1	<.01	<.01	.02	.01	<.01
735 - 5	C 185	<.03	<.001	.3	.01	<.01	<.01	.01	<.01
735 - 6	C 186	.03	.001	<.1	<.01	.01	.01	.01	<.01
735 - 7	C 187	<.03	<.001	.2	.01	.01	.01	.01	<.01
735 - 8	C 188	.03	.001	<.1	<.01	.01	.01	.01	<.01
735 - 9	C 189	<.03	<.001	.2	.01	.01	.01	.02	<.01
735 - 10	C 190	<.03	<.001	<.1	<.01	<.01	.02	<.01	<.01
735 - 11	C 191	.48	.014	.2	.01	.01	.02	.03	<.01

Jutta Jealouse
ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X
SC90/PLACER3

PLACER DEVELOPMENT LTD.
DATA STORAGE
Received
File Ref.
File No.
Exploration Dept.

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

DECEMBER 5, 1990

CERTIFICATE OF ANALYSIS ETK 90- 735A

PLACER DOME RESEARCH
323 ALEXANDER STREET
VANCOUVER, B.C.
V6A 1C4

DATE RECEIVED: NOVEMBER 21, 1990 REJECTS: STORE
PROJECT: PULPS: STORE
NUMBER SAMPLES: 11
TYPE SAMPLES: PULP NOTE: > = MORE THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)	As (ppm)
735 - 1	C 181	40	.1	35	10	59	8
735 - 2	C 182	10	<.1	37	8	53	15
735 - 3	C 183	5	<.1	43	3	42	15
735 - 4	C 184	5	<.1	58	5	61	19
735 - 5	C 185	5	<.1	34	4	53	15
735 - 6	C 186	5	<.1	101	2	69	16
735 - 7	C 187	5	<.1	108	3	75	15
735 - 8	C 188	5	<.1	123	4	57	15
735 - 9	C 189	5	<.1	115	2	63	17
735 - 10	C 190	10	<.1	51	2	49	16
735 - 11	C 191	405	.2	209	89	229	23

Bob Missar
As per ECO-TECH LABORATORIES LTD.
JUTTA JEALOUSE
B.C. Certified Assayer

F A X
SC90/PLACER3