

ACTLABS

**ACTIVATION LABORATORIES LTD**

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Invoice No.: 948  
Work Order: 954  
Invoice Date: 10-JUL-89  
Date Submitted: 21-JUN-89  
Your Reference: 9134  
Account Number: P015

PLACER DOME INC  
RESEARCH CENTRE  
323 ALEXANDER STREET  
VANCOUVER, B.C.  
V6A 1C4  
ATT: R. MOWER

CERTIFICATE OF ANALYSIS

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INAA package, elements and detection limits:

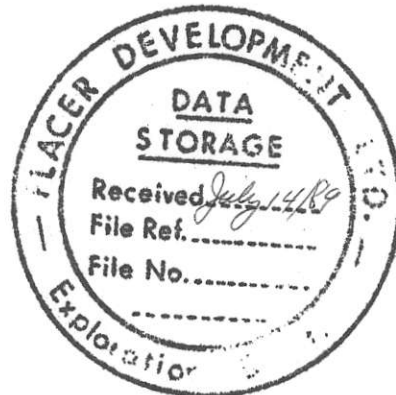
AU	0.1	PPB	AG	0.3	PPM	AS	0.01	PPM	BA	5.	PPM
BR	0.01	PPM	CA	0.01	%	CO	0.1	PPM	CR	0.3	PPM
CS	0.05	PPM	FE	0.005	%	HF	0.05	PPM	HG	0.05	PPM
IR	0.1	PPB	K	0.001	%	MO	0.05	PPM	NA	0.5	PPM
NI	5.	PPM	RB	1.	PPM	SB	0.005	PPM	SC	0.01	PPM
SE	0.1	PPM	SR	10.	PPM	TA	0.05	PPM	TH	0.1	PPM
U	0.01	PPM	W	0.05	PPM	ZN	2.	PPM	LA	0.01	PPM
CE	0.1	PPM	ND	0.3	PPM	SM	0.001	PPM	EU	0.05	PPM
TB	0.1	PPM	YB	0.005	PPM	LU	0.001	PPM			

NOTE: SAMPLE L10+00E 3+75NA WAS NOT ANALYZED DUE TO INSUFFICIENT SAMPLE.

CERTIFIED BY :

DR. ERIC L. HOFFMAN

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Sample description	AU PPB	AG PPM	AS PPM	BA PPM	BR PPM	CA %	CO PPM	CR PPM	CS PPM	FE %	HF PPM	HG PPM	IR PPB	K %	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR PPM
L15+75W 8+00SA	1.6	0.3	0.84	280	4.8	0.83	1.1	6.7	0.52	0.259	0.55	0.22	<0.1	0.229	1.3	2410	<5	9	0.210	0.79	<0.1	120
L15+75W 8+75SA	1.4	0.7	0.57	370	6.2	1.22	1.6	8.7	0.49	0.330	0.61	0.08	<0.1	0.308	2.0	3580	<5	10	0.170	0.89	<0.1	170
L15+75W 9+00SA	0.9	0.7	0.55	200	5.7	1.23	0.8	3.0	0.23	0.115	0.18	0.17	<0.1	0.217	2.4	683	<5	4	0.130	0.35	0.2	190
L15+75W 9+75SA	0.8	<0.3	0.50	410	3.7	0.88	1.7	20	0.83	0.366	0.83	<0.05	<0.1	0.520	3.0	4130	<5	18	0.200	1.0	<0.1	190
L15+75W 10+00SA	0.4	0.7	0.63	190	5.2	0.83	1.2	6.6	0.44	0.256	0.52	0.11	<0.1	0.278	3.9	2280	<5	7	0.250	0.80	0.1	220
L10+00E 4+00NA	2.1	<0.3	3.5	510	3.8	1.29	6.1	59	1.0	1.36	1.4	<0.05	<0.3	0.932	2.6	8250	15	20	0.610	6.0	<0.1	240
L10+00E 4+25NA	0.7	<0.3	1.1	320	4.9	1.09	5.1	14	0.37	0.482	0.67	<0.05	<0.1	0.318	2.3	3260	6	6	0.290	2.0	<0.1	190
L10+00E 4+50NA	0.8	<0.3	0.82	240	4.6	1.29	1.1	7.2	0.21	0.231	0.29	0.13	<0.1	0.315	2.4	1240	<5	4	0.260	0.93	<0.1	150
L10+00E 4+75NA	0.2	<0.3	0.99	370	6.2	1.29	2.5	17	0.68	0.624	1.0	<0.05	<0.1	0.632	1.3	5910	<5	10	0.280	2.6	<0.1	150
L10+00E 5+00NA	0.5	<0.3	0.90	380	4.2	1.68	3.0	18	0.34	0.568	0.87	<0.05	<0.1	0.449	3.4	4220	<5	7	0.190	2.1	<0.1	210
L12+00E 3+50NA	0.9	<0.3	0.66	250	4.6	0.80	1.9	12	0.27	0.323	0.46	0.09	<0.1	0.211	1.8	2320	<5	6	0.240	1.4	<0.1	95
L12+00E 4+00NA	0.4	0.4	0.46	200	4.8	0.83	1.2	5.7	0.09	0.144	0.27	0.13	<0.1	0.143	1.7	904	<5	3	0.081	0.52	<0.1	82
L14+00E 5+25NA	1.2	<0.3	0.69	120	7.5	1.00	1.0	4.2	0.13	0.147	0.19	0.17	<0.1	0.457	1.2	901	<5	3	0.310	0.57	<0.1	750

Activation Laboratories Ltd. Work Order: 954 Report: 948

Sample description	TA	TH	U	W	ZN	LA	CE	NO	SM	EU	TB	YB	LU	Mass
	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	PPM	g
L15+75W 8+00SA	0.12	0.5	0.25	<0.05	140	3.6	4.4	2.1	0.440	0.08	<0.1	0.180	0.032	8.000
L15+75W 8+75SA	0.07	0.6	0.24	<0.05	170	4.2	5.9	2.3	0.520	0.10	<0.1	0.181	0.032	8.000
L15+75W 9+00SA	<0.05	0.2	0.11	<0.05	210	2.5	2.3	1.3	0.260	0.05	<0.1	0.077	0.017	8.000
L15+75W 9+75SA	0.15	0.9	0.27	<0.05	110	5.0	5.9	2.9	0.570	0.11	<0.1	0.194	0.040	8.000
L15+75W 10+00SA	0.05	0.4	0.33	<0.05	110	3.5	3.5	2.1	0.450	0.09	<0.1	0.161	0.031	7.280
L10+00E 4+00NA	<0.05	0.9	0.48	<0.05	76	6.3	8.3	4.0	1.1	0.30	0.2	0.563	0.113	8.000
L10+00E 4+25NA	0.13	0.6	0.32	<0.05	67	8.6	7.9	5.9	1.3	0.24	0.2	0.427	0.076	6.000
L10+00E 4+50NA	<0.05	0.3	0.36	<0.05	110	7.5	3.9	5.4	1.1	0.19	0.1	0.337	0.063	8.000
L10+00E 4+75NA	<0.05	0.8	0.79	<0.05	110	16	9.6	11	2.5	0.48	0.2	0.762	0.145	4.740
L10+00E 5+00NA	<0.05	0.5	0.28	<0.05	130	5.1	5.6	3.7	0.810	0.17	0.1	0.328	0.062	3.920
L12+00E 3+50NA	0.05	0.3	0.15	<0.05	66	2.1	3.0	1.4	0.340	0.08	<0.1	0.163	0.029	8.000
L12+00E 4+00NA	<0.05	0.2	0.07	<0.05	74	1.2	1.9	0.9	0.200	<0.05	<0.1	0.082	0.015	5.000
L14+00E 5+25NA	<0.05	0.3	0.15	<0.05	90	1.7	2.3	1.4	0.270	0.05	<0.1	0.102	0.019	3.630