



PLACER DOME INC.

300-1055 DUNSMUIR ST
VANCOUVER, B.C.
(604) 682-7082
TELEX 04-55181
FAX (604) 682-7092

MAILING ADDRESS
P.O. BOX 49330
BENTALL POSTAL STATION
VANCOUVER, B.C.
CANADA
V7X 1P1

681344
93E/12

September 20, 1989

Norlund Engineering Ltd.
8816 Horne Street,
Burnaby, B.C.
V3N 4T1

Attention: Mr. Marek Nowak

Dear Mr. Nowak,

Re: Nanika Lake Property - Heavy Mineral Samples

Further to our meeting on September 13, 1989, enclosed is the sample location map and sample results for the heavy mineral samples taken on the Nanika Lake Property. The map also shows the location of the chargeability and resistivity anomalies that were delineated by Scurry Rainbow Oil Limited in 1972.

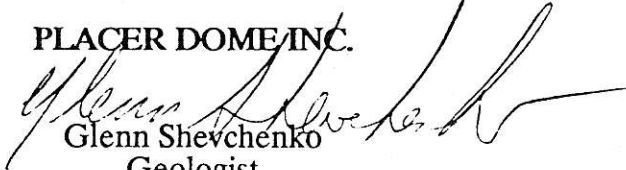
The sample numbers which have been highlighted are anomalous in gold and thus suggest that the I.P. anomalies which are drained by these creeks have a gold association.

Samples 1332 and 1333 are very anomalous with gold values of 19000 and 7770 parts per billion, respectively. Thus the follow-up of this I.P. anomaly would be of first priority.

If you have any questions please do not hesitate to contact me.

Sincerely,

PLACER DOME INC.


Glenn Shevchenko
Geologist

GGS/ggs
20.09.89

cc: E.T. Kimura
New Nanik File (V-236)

Activation Laboratories Ltd. Work Order: 856 Report: 842

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	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM
1328-35+150 HM	<5	<5	2	<200	19	<1	23	400	<2	42.6	8	<5	<40	<20	1440	<200	<50	0.4	10	<20	<0.2	<1
1328-35+150 HP	<5	<5	10	<200	25	8	39	67	<2	14.9	4	<5	<40	<20	1070	<200	<50	2.1	24	<20	<0.2	<1
1328-35+150 HN	27	<5	6	250	<5	12	6	36	<2	7.41	64	<5	<40	<20	772	<200	<50	2.0	19	<20	<0.2	2
1328-150 HM	32	<5	13	<200	27	<2	32	1400	<2	85.2	4	<5	<40	<20	1030	240	<50	5.0	7.5	<20	<0.2	<1
1328-150 HP	25	<5	10	<200	51	7	54	240	<2	14.4	13	<5	<40	<20	2000	<200	<50	2.4	45	<20	<0.2	3
1328-150 HN	14	<5	<2	420	30	4	8	36	<2	3.90	560	<5	<40	<20	9100	<200	<50	2.0	30	<20	<0.2	6
1329-35+150 HM	15	<5	4	<200	25	2	30	690	3	58.0	10	<5	<40	<20	1400	<200	<50	0.5	11	<20	<0.2	<1
1329-35+150 HP	19	<5	13	<200	29	9	71	64	<2	17.2	5	<5	<40	<20	949	<200	<50	1.8	22	<20	<0.2	<1
1329-35+150 HN	33	<5	<2	<200	<5	12	16	38	<2	8.53	150	<5	<40	<20	1000	<200	<50	1.8	21	<20	<0.2	<1
1329-150 HM	33	<5	<2	<200	26	<2	40	2100	<2	64.2	5	<5	<40	<20	827	460	<50	0.5	6.8	<20	<0.2	<1
1329-150 HP	34	<5	10	<200	51	6	60	220	2	14.4	15	<5	<40	<20	1640	<200	<50	1.8	44	<20	<0.2	<1
1329-150 HN	721	<5	<2	<200	27	8	11	38	<2	4.29	540	<5	<40	<20	7510	<200	<50	1.1	30	<20	<0.2	<1
1330-35+150 HM	9	<5	3	<200	21	<1	28	520	<2	48.0	11	<5	<40	<20	1500	<200	<50	0.4	11	<20	<0.2	<1
1330-35+150 HP	34	<5	14	<200	22	9	59	82	<2	17.0	6	<5	<40	<20	1040	<200	<50	2.1	23	<20	<0.2	<1
1330-35+150 HN	<5	<5	<2	<200	<5	10	23	45	<2	7.35	430	<5	<40	<20	954	<200	<50	2.3	29	<20	0.2	9
1330-150 HM	327	<5	<2	280	27	<3	48	3100	<2	73.0	6	<5	<40	<20	1010	800	<50	0.6	9.4	<20	<0.2	<1
1330-150 HP	161	<5	5	<200	33	4	38	180	<2	14.4	10	<5	<40	<20	1420	<200	<50	1.6	41	<20	<0.2	2
1330-150 HN	230	<5	6	<200	28	8	8	<10	<2	3.21	1200	<5	<40	<20	11400	<200	<50	3.5	40	<20	<0.2	11
1331-35+150 HM	<10	<9	16	<200	34	<7	74	5600	<2	72.4	8	<5	<40	<20	1700	850	<50	<0.2	14	<20	<0.2	<1
1331-35+150 HP	<5	<5	11	<200	14	12	8	110	<2	12.3	3	<5	<40	<20	920	<200	<50	3.1	38	<20	<0.2	<1
1331-35+150 HN	9	<5	5	<200	<5	11	<5	60	<2	4.21	59	<5	<40	<20	625	<200	<50	4.3	33	<20	<0.2	9
1331-150 HM	485	<13	18	<230	29	<9	180	25000	<2	73.9	<2	<5	<40	340	1210	5600	300	4.2	12	<20	<0.2	<2
1331-150 HP	<5	<5	4	<200	24	10	11	240	<2	12.6	22	<5	<40	<20	2410	<200	<50	1.7	47	<20	<0.2	<1
1331-150 HN	482	<5	13	<200	34	4	14	90	<2	2.75	1500	<5	<40	<20	10100	<200	<50	2.5	49	23	<0.2	11
1332-35+150 HM	<5	<5	3	<200	23	<1	36	540	<2	57.1	15	<5	<40	<20	1310	<200	<50	0.7	12	<20	<0.2	<1
1332-35+150 HP	7	<5	17	<200	28	12	14	120	<1	7.8	3	<5	<40	<20	1200	<200	<50	4.0	30	<20	<0.2	<1
1332-35+150 HN	<5	<5	7	730	<5	11	11	93	<2	6.74	67	<5	<40	<20	937	<200	<50	4.2	31	<20	<0.2	7
1332-150 HM	<5	<5	<2	<200	43	<4	62	3200	<2	72.5	10	<5	<40	<20	1360	850	<50	0.6	11	<20	<0.2	3
1332-150 HP	<5	<5	9	310	43	9	25	390	<2	15.0	10	<5	<40	<20	2450	<200	<50	3.2	44	<20	<0.2	4
1332-150 HN	19000	<5	<2	<200	44	5	12	<10	<2	3.98	1300	<5	<40	<20	10700	<200	<50	4.1	45	<20	<0.2	13
1333-35+150 HM	<5	<5	7	<200	21	<2	31	420	<2	57.8	7	<5	<40	<20	1430	<200	70	<0.2	13	<20	<0.2	<1
1333-35+150 HP	8	<5	18	<200	23	8	29	160	<2	18.3	6	<5	<40	<20	1130	<200	<50	2.3	27	<20	<0.2	2
1333-35+150 HN	41	<5	15	530	6	14	44	39	<2	7.10	180	<5	<40	<20	920	<200	<50	2.9	24	<20	<0.2	8
1333-150 HM	26	<5	5	<200	28	<2	38	1800	<2	73.3	4	<5	<40	<20	1020	330	<50	0.6	7.7	<20	<0.2	<1
1333-150 HP	48	<5	18	<200	53	7	41	520	<2	14.7	10	<5	<40	<20	2070	<200	<50	2.6	47	<20	<0.2	4

Activation Laboratories Ltd. Work Order: 856 Report: 842

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	MO PPM	NA PPM	NI PPM	RB PPM	SB PPM	SC PPM	SE PPM	SR %	TA PPM
1333-150 HN	7770	<5	11	<200	49	5	22	<10	<2	3.00	1000	<5	<40	<20	14200	<200	<50	2.5	33	<20	<0.2	9
1334-35+150 HM	51	<5	4	<200	42	<1	38	530	<2	64.6	5	<5	<40	<20	1490	<200	<50	0.3	13	<20	<0.2	<1
1334-35+150 HP	14	<5	9	200	25	10	15	98	<2	16.4	5	<5	<40	<20	1090	<200	<50	2.0	31	<20	<0.2	<1
1334-35+150 HN	26	<5	7	520	<5	10	14	83	<2	5.54	220	<5	<40	<20	1080	<200	<50	2.8	36	<20	<0.2	15
1334-150 HM	77	<5	5	<200	37	<2	42	1700	<2	75.0	4	<5	<40	<20	1110	210	<50	1.0	11	<20	<0.2	<1
1334-150 HP	<6	<5	10	<200	35	11	21	250	<2	21.0	7	<5	<40	<20	2040	<200	69	2.5	58	<20	<0.2	<1
1334-150 HN	144	<5	<2	<200	41	<2	15	150	<2	3.59	1200	<5	<40	<20	11000	<200	<50	2.5	52	<20	<0.2	17

Activation Laboratories Ltd.

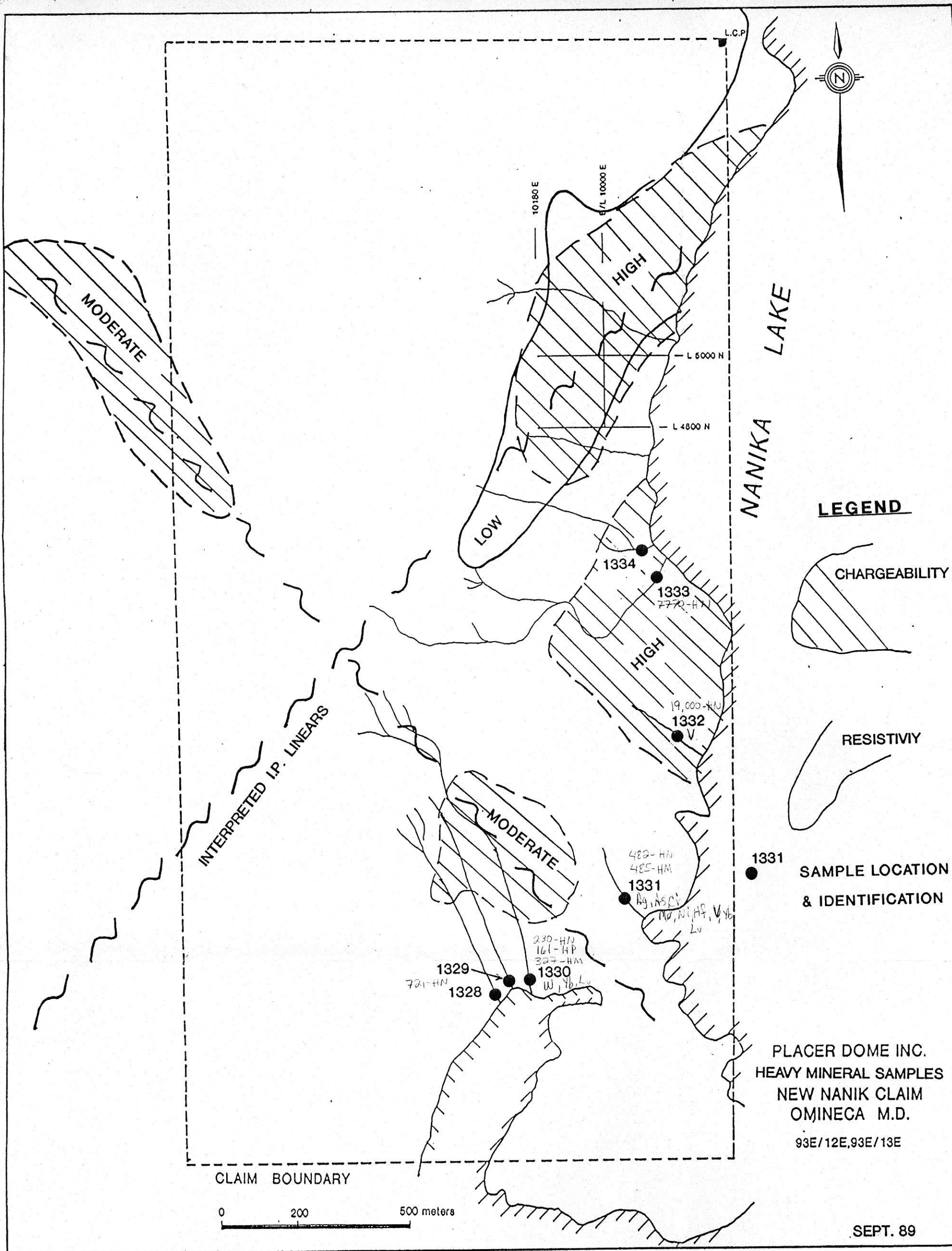
Work Order: 856 Report: 842

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
1328-35+150 HM	3.1	2.6	<4	<200	13	23	13	3.0	0.6	<2	2.3	0.3	3.571
1328-35+150 HP	12	2.9	<4	<200	130	160	46	7.2	1.6	<2	3.7	0.5	12.79
1328-35+150 HN	13	6.1	32	<200	60	120	66	9.2	2.3	<2	6.4	0.9	5.398
1328-150 HM	1.5	<0.5	<4	<200	<1	12	<10	1.8	0.4	<2	1.2	0.1	1.086
1328-150 HP	15	4.9	<4	<100	<1	210	86	13	2.3	2	5.8	1.0	2.210
1329-150 HN	42	43	68	<200	<1	230	130	24	3.7	3	27.6	2.5	1.140
1329-35+150 HM	3.0	3.4	<4	<200	14	25	13	2.9	0.6	<2	2.3	0.1	6.902
1329-35+150 HP	9.6	2.5	<4	<200	120	150	49	6.8	1.5	<2	3.5	0.3	12.90
1329-35+150 HN	16	14	81	<200	67	150	80	13	3.7	<2	11.0	0.8	3.758
1329-150 HM	1.5	2.9	<4	<200	6	12	<10	1.6	0.4	<2	1.2	0.2	1.299
1329-150 HP	14	6.8	<4	<100	150	230	84	13	2.4	<2	5.5	0.9	2.414
1329-150 HN	34	36	83	<200	100	210	110	21	3.2	2	23.7	2.0	1.455
1330-35+150 HM	3.0	2.5	<4	<200	12	24	15	3.5	0.8	<2	2.4	0.4	2.330
1330-35+150 HP	13	3.4	<4	<200	130	190	63	8.5	1.8	<2	3.8	0.6	6.875
1330-35+150 HN	39	30	350	<200	130	310	220	39	5.9	5	21.8	2.3	0.4940
1330-150 HM	2.8	<0.5	18	<200	<1	19	<10	2.3	0.7	<2	1.5	0.3	0.3790
1330-150 HP	12	4.6	5	<200	120	190	77	12	2.3	<2	4.8	0.8	1.992
1330-150 HN	85	84	260	<100	210	430	240	44	7.0	6	72.4	15.4	0.4918
1331-35+150 HM	<0.5	<1.0	26	340	8	<4	<10	2.4	<0.2	<2	<0.3	<0.1	0.0731
1331-35+150 HP	15	<0.5	<4	<200	130	170	60	8.8	2.3	<2	5.1	0.8	22.16
1331-35+150 HN	26	12	110	<100	100	170	79	17	3.6	3	15.5	3.0	2.515
1331-150 HM	<1.1	23	110	<100	6	<8	<14	2.1	<0.3	<2	<0.5	<0.1	0.0375
1331-150 HP	21	5.5	<4	<200	160	220	75	12	2.4	2	8.9	1.4	6.890
1331-150 HN	100	130	82	<100	250	560	360	56	13.0	8	109	24.8	0.5195
1332-35+150 HM	5.5	3.1	<4	190	15	28	18	3.8	0.5	<2	4.4	0.9	1.398
1332-35+150 HP	11	2.9	<4	<200	110	150	51	7.3	2.0	<2	4.6	0.8	15.12
1332-35+150 HN	33	13	530	<100	130	250	130	27	4.1	4	15.2	3.0	0.8393
1332-150 HM	3.2	3.2	13	220	13	29	<10	2.8	<0.2	<2	2.4	0.4	0.2368
1332-150 HP	20	4.2	<4	<100	180	260	95	13	2.2	<2	6.8	1.3	1.579
1332-150 HN	110	100	120	<100	270	570	320	56	11.3	9	95.0	21.3	0.2347
1333-35+150 HM	2.6	2.7	<4	<200	11	22	12	2.0	<0.2	<2	2.1	0.3	6.096
1333-35+150 HP	12	2.2	<4	<200	120	170	54	7.8	1.7	<2	4.6	0.8	10.42
1333-35+150 HN	29	69	160	<100	110	230	150	25	5.1	3	15.2	3.3	1.786
1333-150 HM	2.3	1.8	13	<200	7	15	<10	1.4	0.4	<2	1.6	0.2	1.180
1333-150 HP	17	4.9	5	<100	150	200	81	12	2.4	<2	7.2	0.9	2.229

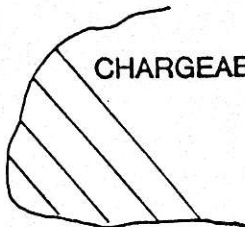
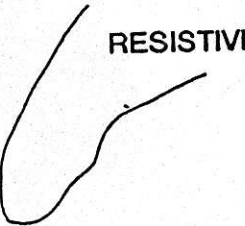

Activation Laboratories Ltd.

Work Order: 856 Report: 842

Sample description	TH PPM	U PPM	W PPM	ZN PPM	LA PPM	CE PPM	ND PPM	SM PPM	EU PPM	TB PPM	YB PPM	LU PPM	Mass g
1333-150 HN	86	87	100	<100	220	430	220	41	7.8	4	58.5	2.7	0.6825
1334-35+150 HM	1.8	3.4	<4	<200	9	20	<10	2.1	0.5	<2	2.2	0.2	1.452
1334-35+150 HP	12	3.6	<4	<200	120	160	52	7.4	1.7	<2	4.2	0.6	10.09
1334-35+150 HN	50	39	94	120	220	440	230	47	8.1	6	23.6	2.3	1.171
1334-150 HM	2.1	5.8	<4	<200	8	19	<10	1.8	0.4	<2	1.5	0.1	0.7616
1334-150 HP	21	4.5	<4	220	170	250	97	14	2.5	<2	8.5	1.2	3.691
1334-150 HN	110	120	96	340	340	650	340	61	10.9	8	81.2	18.4	0.6662



LEGEND

-  CHARGEABILITY
-  RESISTIVITY
-  **1331** SAMPLE LOCATION & IDENTIFICATION

PLACER DOME INC.
 HEAVY MINERAL SAMPLES
 NEW NANIK CLAIM
 OMINECA M.D.
 93E/12E,93E/13E

CLAIM BOUNDARY

0 200 500 meters

SEPT. 89