

PLACER DOME (CLA) LIMITED  
PROJECT 530/531 (HUMLIN/REDRUTH)  
GEOLOGICAL REPORT - 1995 WORK PROGRAMME  
BAIRD AND FAIRLIE TOWNSHIPS, ONTARIO  
NTS: 52K/13, 52N/4

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52N04SW0087 2.17080 FAIRLIE

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**PLACER DOME CANADA**  
**PROJECT 530/531 (HURLIN/REDRUTH)**  
**GEOLOGICAL REPORT - 1995 WORK PROGRAMME**  
**BAIRD AND FAIRLIE TOWNSHIPS, ONTARIO**

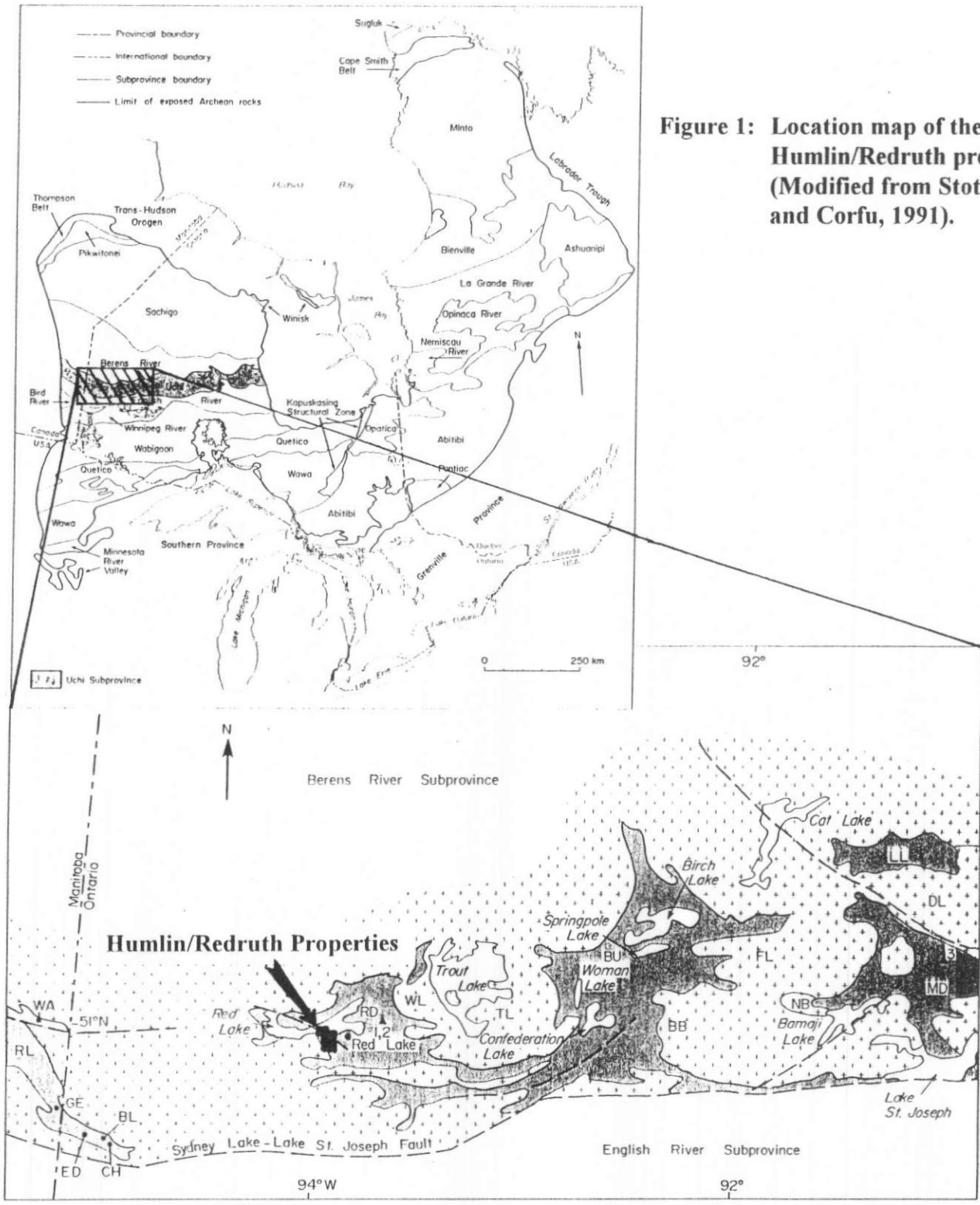
**SUMMARY AND CONCLUSIONS**

Examination of the Humlin and Redruth properties located the four previously known Humlin gold (Au) showings and seven of the 11 previously known Redruth gold (Au) showings. The area was mapped at a scale of 1:2500 and the old showings were re-stripped, mapped and sampled. Lithogeochemical samples were taken every 50m or change in lithology and analyzed for Au plus 32 elements; samples of quartz veins were assayed for Au by fire assay. The highest Au values returned were from the old showings (up to 105.22 g/t for the Redruth No. 4 Vein). A geochemical soil sampling programme was conducted on the mainland part of the properties; the majority of the anomalous Au values do not appear to be associated with the known showings. Results of a ground magnetometer survey indicate that rocks underlying the Humlin Property are highly magnetic (i.e. ultramafic), and that the rocks underlying the Redruth Property are relatively non-magnetic with localized high magnetic anomalies (possibly in response to ultramafic rocks and/or iron formation).







In conclusion, the 1995 work programme verified the existence of previously known Au showings and indicated the existence of other possible zones of Au mineralization. It is on this basis that continued work is warranted on the Humlin and Redruth properties (see Recommendation on Page 15).

**INTRODUCTION**

The Humlin and Redruth properties are located eight kilometres west of the town of Red Lake, Red Lake Mining Division, Ontario (Fig. 1). During May and June of 1995, approximately 80 km of line were cut (including a three km baseline). The baseline is oriented at 090° and the lines at 180°. Between May 12 and September 15, 1995, an exploration programme was conducted on the property consisting of prospecting, geological mapping and sampling (both lithogeochemical and



**Figure 1: Location map of the Humlin/Redruth properties (Modified from Stott and Corfu, 1991).**

- |   |   |   |                      |
|---|---|---|----------------------|
|  | Felsic intrusive rocks                                |  | Producing gold mine  |
|  | Volcanic and sedimentary rocks and related migmatites | 1   | Campbell Mine        |
|  | Fault   | 2   | Arthur W. White Mine |
|  | Geological boundary                                   | 3   | Golden Patricia Mine |
|  | Provincial boundary                                   |   |                      |

soil geochemical). Previously trenched and stripped areas were located and sampled in detail. A geochemical soil sampling programme was conducted over the entire property (exclusive of the islands in the Humlin Extension) to determine other possible areas of Au mineralization other than the known showings.

## **PROPERTY**

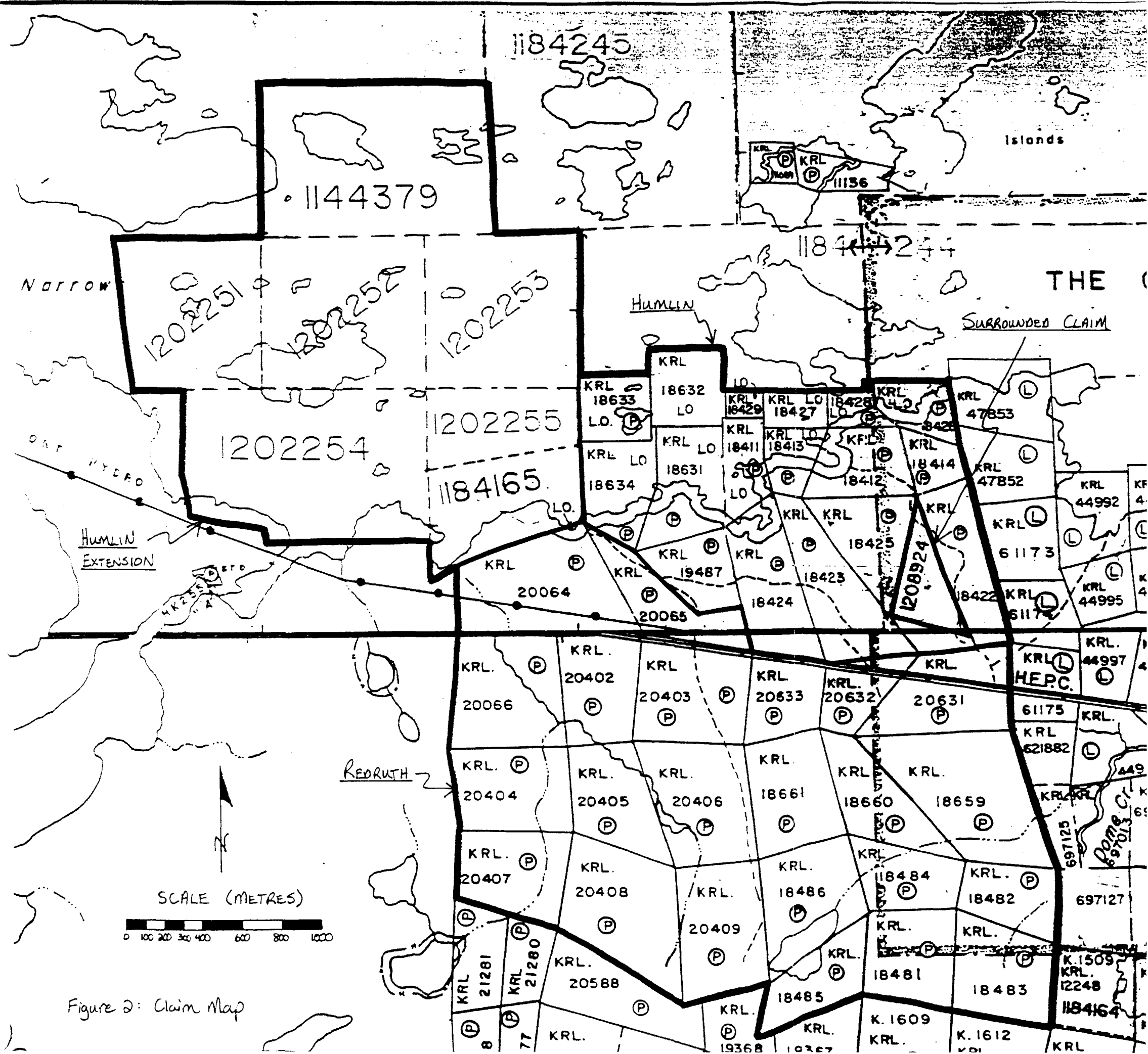
The Humlin and Redruth properties are located in Fairlie and Baird townships, Red Lake Mining Division (Fig. 2). The Humlin Option currently consists of eight unpatented mining claims ("Humlin Extension Claims" and "Surrounded Claim") totalling 29 16-hectare claim units, and 17 patented mining claims and 10 licences of occupation totalling 245.78 hectares; the Redruth Option currently consists of 23 patented mining claims and one licence of occupation totalling 580.85 hectares. The claims are recorded in the name of Placer Dome (CLA) Limited (PDC). A complete list of claims is given in Appendix I.

## **LOCATION AND ACCESS**

The area is located approximately eight kilometres west of the town of Red Lake, Ontario (Fig. 1). Access is most readily gained via boat and walk from Red Lake or all-terrain vehicle along an existing drill road from the Buffalo Pit west of Red Lake.

## **PREVIOUS WORK**

The first reported work in the area was by Howey Mines Limited who, in 1941, conducted mapping, trenching and diamond drilling on the Humlin A-Zone. In 1945, Humlin Red Lake Gold Mines Limited was incorporated to develop the Humlin Claims (Thomson, 1945). An extensive diamond drill programme (over 9700m in 88 drill holes) was initiated consisting of closely spaced detailed drilling on the A, C and D zones, as well as property wide exploratory drilling (Harper and Holbrooke, 1958). Assays ranged from 0.34-3.40 g/t Au; however, one sludge sample from hole L-14 (A zone) assayed 68.57 g/t Au (Fernberg, 1986). In 1945 and 1946, Redruth Gold Mines Limited conducted extensive trenching and detailed diamond drilling on the Redruth No. 3, 4, and 8 veins (Fernberg, 1986). Diamond drilling was also conducted on a property-wide basis. Highest gold



1184245

1144379

Islands

1184244

Narrow

1202251

1202252

1202253

HUMLIN

THE

SURROUNDED CLAIM

1202254

1202255

1184165

DAT HYDRO

HUMLIN EXTENSION

KRL 18632 LO

KRL 18633 LO

KRL 18634 LO

KRL 18411 LO

KRL 18631 LO

KRL 19487

KRL 18429 LO

KRL 18427 LO

KRL 18411 LO

KRL 18413 LO

KRL 18412 LO

KRL 18425 LO

KRL 18423 LO

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KRL 61173

KRL 61175

KRL 621882

KRL 18659

KRL 18482

KRL 18483

KRL 44992

KRL 44995

KRL 44997

KRL 61175

KRL 18661

KRL 18660

KRL 18481

KRL 18483

KRL 20064

KRL 20066

KRL 20404

KRL 20407

KRL 21281

KRL 19368

KRL 20065

KRL 20402

KRL 20405

KRL 20408

KRL 20588

KRL 19367

KRL 19487

KRL 20403

KRL 20406

KRL 20409

KRL 18485

KRL 10367

KRL 18424

KRL 20633

KRL 18661

KRL 18486

KRL 18481

KRL 10367

KRL 18425

KRL 20632

KRL 18660

KRL 18484

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KRL 10367

KRL 18423

KRL 20631

KRL 18659

KRL 18482

KRL 18483

KRL 10367

SCALE (METRES)

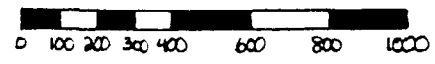


Figure 2: Claim Map

REDRUTH

697125

697127

K.1509

KRL 12248

KRL

1184164

K.1612

KRL

values, reported over a 9.1m strike length from the No. 8 Vein, averaged 12.69 g/t Au over a width of 0.37m.

In 1972, C.W. Peterson conducted EM, mechanical stripping and diamond drilling on the large island in the Humlin Extension (Peterson, 1972). Several strong EM anomalies were noted, most likely in response to ultramafic units and iron formation known to occur in the area. In 1975, C.D. Huston conducted mapping, EM and magnetometer surveys over the Humlin and Redruth properties (Huston, 1975). In 1980, Selco Limited conducted VLF-EM and magnetometer surveys as well as lithochemical, soil and humus sampling over the Humlin A and C zones and the Redruth No. 1 Vein. This was followed in 1981 and 1982 by mapping and diamond drilling (Pryslak, 1983).

In 1986, Redaurum Red Lake Mines Limited conducted limited diamond drilling on the Humlin A zone and Redruth No. 1 Vein, as well as VLF-EM and magnetometer surveys over the Humlin Extension (Hogg, 1988). Also in 1986, mechanical stripping was conducted in the area of the Redruth No. 3, 4, 8 and 11 veins; a new vein system, termed the New No. 3 Vein was located during the 1986 programme (Hogg, 1988). In 1987, the company conducted further diamond drilling on the Humlin A zone as well as the Redruth No. 4 Vein.

## **GENERAL GEOLOGY**

The Humlin and Redruth properties are located in the south-central portion of the Red Lake Greenstone Belt (Fig. 3). The belt is comprised of two major sequences: (1) lower tholeiitic-komatiitic sequence, Cycle 1, and (2) upper calc-alkalic sequence, Cycle 2. The tholeiitic-komatiitic sequence is the older of the two and is comprised of mainly tholeiitic basalts and basaltic komatiitics, with minor interbeds of clastic and chemical sediments. The younger and more calc-alkalic sequence is typified by a higher percentage of dacitic to rhyolitic pyroclastics, interbedded with minor flows and sediments. Approximately 95% of the gold occurrences within the belt are found in the lower sequence, as are the two current producers (Campbell and Goldcorp's Red Lake Mine) in the Red Lake Gold Camp. In addition, the majority of the gold deposits are located within or adjacent to



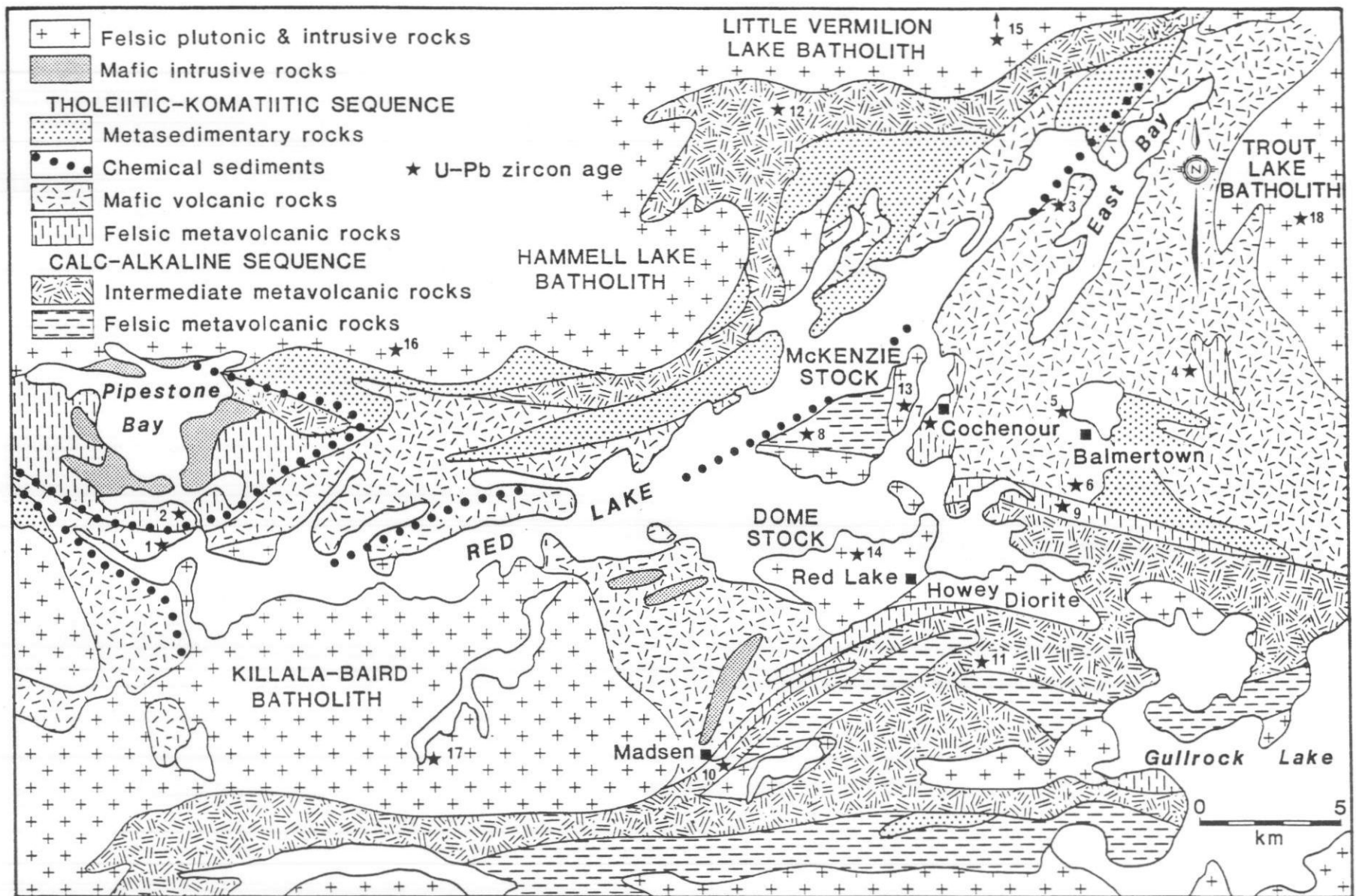


Figure 3: General geology of the Red Lake greenstone belt (from Andrews *et al.*, 1986).

major deformation zones indentified in the Red Lake Camp.

The Humlin and Redruth properties are located within the prospective lower sequence and cover part of the Pipestone Bay-St. Paul Bay Deformation Zone (Fig. 4).

## PROPERTY GEOLOGY

The topography of the area ranges from low-lying areas occasionally flooded by beaver dams to ridges topped by spruce, pine and poplar. Rock exposure is limited to approximately 20%. The geology consists of coarse to fine grained mafic flows (both massive and pillowed) with lesser amounts of mafic to intermediate intrusives, mafic agglomerate, intermediate to felsic volcanics, serpentinite, felsic intrusives and sedimentary rocks. Table 1 summarizes the lithologies encountered and the distribution is shown on Drawing 1.

**TABLE 1**

**Lithology**

<u>Code</u>	<u>Lithology</u>
3	- MAFIC TO INTERMEDIATE METAVOLCANICS 3a - Mafic Flow 3c - Pillowed Basalt 3g - Mafic Agglomerate
4	- INTERMEDIATE TO FELSIC METAVOLCANICS 4a - Intermediate Flow 4b - Intermediate Tuff 4d - Intermediate Agglomerate
5	- FELSIC METAVOLCANICS 5a - Felsic Flow 5c - Felsic Lapilli-Tuff 5f - Sericite Schist
6	- METASEDIMENTS 6e - Argillite 6j - Chert
7	- IRON FORMATION 7b - Sulphide Facies Iron Formation

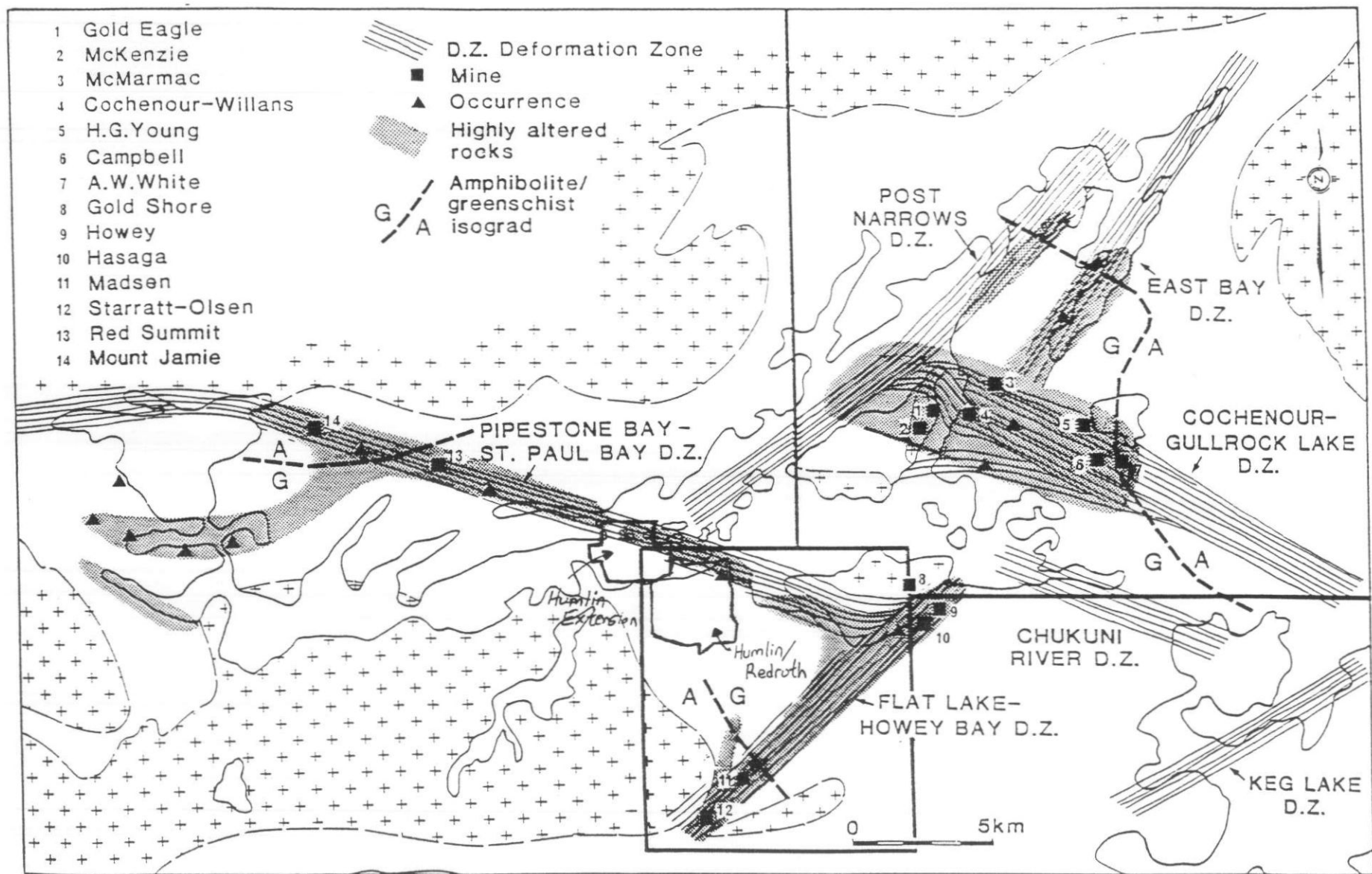


Figure 4: Regional patterns of deformation, metamorphism and alteration in the Red Lake greenstone belt (from Andrews *et al.*, 1986).

**TABLE 1 (cont.)**

10	-	MAFIC TO INTERMEDIATE INTRUSIVES 10a - Gabbro 10b - Diorite
12	-	MINOR FELSIC INTRUSIVES 12c - Quartz-Feldspar Porphyry 12d - Aplite Dyke
13	-	ULTRAMAFIC INTRUSIVES
15	-	LAMPROPHYRE

The general structural trend of the area is northwest-southeast. Shear zones occur throughout the property, are oriented from 110° to 155°, and typically host narrow quartz veins. These shear zones are generally narrow (less than two metres), but range up to 17m in width (Humlin A zone). There appears to be two general shear zone orientations; those oriented east-southeast (110° to 125°), and those orientated south-southeast (140° to 155°). These latter shear zones may be tensional features related to the east-southeast zones.

## **MINERALIZATION**

Gold mineralization is typically associated with silicified shear zones variably containing quartz veining and arsenopyrite mineralization (highest gold values from previous work have been reported from arsenopyrite-bearing rocks). The dominant sulphide mineral is pyrite which is generally disseminated in amounts less than 1%, but higher concentrations are been reported (i.e. sulphide facies iron formation). Other sulphide minerals include chalcopyrite and pyrrhotite.

## **ECONOMIC GEOLOGY**

A number of gold showings have been found on the Humlin and Redruth properties. These generally consist of narrow quartz veins hosted by shear zones in fine to coarse grained basalt (both massive and pillowed). The Humlin A zone is the exception, consisting of a shear zone in silicified

and carbonate altered basalt, lacking the characteristic quartz veining. Two styles of quartz veining have been identified: 1) veining trending parallel to the general structural trend at 110° to 125° (Redruth No. 1, 2, 3, 4, and 8 veins); and 2) veining associated with 140° to 155° shear zones (Humlin B, C, and D zones).

## **Humlin Gold Showings**

### **A Zone**

This showing is located on the south side of the bay in claims KRL 18412 and 18413 (Dwg. 1) and consists of a northwest-southeast trending shear zone up to 17m wide in silicified and carbonate altered basalt. During 1995, one trench (known from previous work as Trench 3A) was cleaned and chip sampled (at one-metre intervals) along the entire length. The highest Au value returned was 1.14 g/t.

### **B Zone**

Located approximately 275m southwest of the A Zone, this showing is located in the northwest part of claim KRL 18423 and consists of a 20 cm wide quartz vein (oriented at 140° dipping steeply west) in sheared and carbonate altered basalt. Pyrite and arsenopyrite occur in the vein and host rock. Foliation in the basalt is developed at 120/90. Grab samples taken during 1995 returned gold values up to 1.89 g/t for the host rock and 5.55 g/t from the quartz vein.

### **C and D zones**

Only limited work was done on these showings in 1995.

## **Redruth Showings**

### **No. 1 Vein**

This showing is located in the north part of claim KRL 20064 and consists of a quartz vein hosted by sheared and silicified basalt. The vein varies in thickness from three to eighteen centimetres and the silicified zone ranges up to 30 cm in width; the strike is 100° to 110° and the dip changes from 60° south in the west trench to 70° north in the east trench. Grab samples taken during

1995 from the vein and silicified wall rock returned gold values of 7.85 g/t and 9.05 g/t respectively. Six 30-cm chip samples taken over a strike length of 30 metres returned gold assay values up to 14.88 g/t and averaged 4.23 g/t.

#### **No. 2 Vein**

This showing is located approximately 700m southeast along strike of the No. 1 Vein, is hosted by basalt, and consists of a number of narrow quartz veins and lenses within a shear zone (<2m wide) oriented at 110/90. A grab sample of the vein returned a gold assay of 2.64 g/t; chip samples from three areas did not return significant results.

#### **New No. 3 Vein**

Located approximately 280 metres northeast of the No. 4 Vein, this showing was first located by Selco in 1986 and consists of a 30 cm wide quartz vein striking approximately north-south that has been traced for a distance of about 90 metres. A grab sample of the quartz vein taken from a stripped area adjacent to the drill road assayed 36.65 g/t Au.

#### **No. 4 Vein**

Extensive work has been done on this showing as evidenced by the 18 trenches over a strike length of 200 metres. It is located about 250 metres northwest of Redruth Lake and consists of a 10-20 cm wide quartz vein oriented at 115/90 within sheared basalt. Grab samples of the vein assayed up to 105.22 g/t Au and geochemical analyses of the host rock returned gold values up to 27.73 g/t. High assay values (>25 g/t Au) were returned from grab samples over a strike length of 65 metres.

#### **No. 10 Vein**

Located approximately 200 metres southeast of Redruth Lake, this showing consists of a three centimetre wide quartz vein containing 0.5% disseminated pyrite within fine grained basalt. The vein is oriented at 125/75S and appears to have a rim of carbonate. Grab samples from the vein and wall rock did not return significant results of Au.

### **Arsenopyrite Showing**

This showing is located about 150 metres southwest of Redruth Lake and consists of a 2-10 cm wide quartz vein (with trace arsenopyrite) hosted by a two-metre wide shear zone in fine grained basalt; the shear zone is oriented at 125/80S. The host rock contains approximately 0.5% disseminated pyrite and up to 5% disseminated arsenopyrite; a grab sample of the vein did not assay, but a grab sample of the sheared host rock returned 1.63 g/t Au.

### **ROCK GEOCHEMISTRY**

As part of the 1995 work, a reconnaissance lithochemical sampling programme was conducted over the entire property with samples taken every 50m or change in lithology. On this basis, 802 samples were selected for geochemical analysis (40 samples of quartz veins were analyzed by metallics fire assay). Rock descriptions are given in Appendix II. The samples were sent to Chemex Labs Limited in Vancouver, British Columbia and analyzed for gold by fire assay with an atomic absorption (AA) finish, plus a 32 element ICP package. A detailed description of the analysis procedures is given in Appendix IV. Of the 762 samples of host rock, 269 contained 10 ppb Au or greater. Table 2 lists some of the higher Au values obtained from the property; a complete list of results is given in Appendix V.

**TABLE 2**  
**Anomalous Au Values (rock samples)**

<u>Sample No.</u>	<u>Sample Type</u>	<u>Location</u>	<u>Rock Code</u>	<u>Au ppb*</u>
Humlin				
530-RM-021	grab	22+00E/37+50N	3a	830
530-RM-022	grab	22+00E/37+50N	3a	230
530-RM-043	grab	19+75E/37+62N	3a	155
530-RM-072	grab	18+08E/38+03N	3a	880
530-RM-110	grab (B zone)	18+50E/36+25N	3a	1890
530-RM-111	grab (B zone)	18+30E/36+75N	3a	700
530-DWM-003	chip (1m)	A-Zone trench	3a	615
530-DWM-006	chip (1m)	A-Zone trench	3a	275
530-DWM-009	chip (1m)	A-Zone trench	3a	155
530-DWM-010	chip (1m)	A-Zone trench	3a	1140
530-DWM-011	chip (1m)	A-Zone trench	3a	195
530-DWM-013	chip (1m)	A-Zone trench	3a	175

**TABLE 2 (cont'd)**

530-HBL-005	grab	27+00E/37+25N	3a	2630
C16854	grab (B zone)	18+30E/36+75N	qtz	5.55 g/t
C16857	grab (B zone)	18+20E/36+80N	qtz	7.85 g/t
<b>Redruth</b>				
531-WH-007	grab (No. 1 Vein)	8+88E/34+00N	3a	9050
531-HBL-051	grab	3+00E/18+00N	3a	100
531-HBL-128	grab	24+50E/18+75N	3a	140
531-HBL-273	grab (No. 4 Vein)	17+70E/17+60N	3a	3600
531-HBL-274	grab (No. 4 Vein)	18+00E/17+30N	3a	27.73 g/t
531-HBL-275	grab	18+00E/14+75N	3a	100
531-HBL-276	grab	17+90E/14+25N	3a	135
531-SWD-061	grab	16+65E/11+50N	3a	1630
531-SWD-071	grab	17+30E/24+70N	12	115
531-SWD-075	grab (No. 4 Vein)	18+25E/17+40N	3a	435
531-SWD-076	grab (No. 4 Vein)	18+35E/17+35N	3a	1510
531-DLO-008 chip (0.3m; No. 1 Vein)		9+20E/33+80N	qtz	14.88 g/t
C14492	grab (No. 4 Vein)	17+70E/17+60N	qtz	25.34 g/t
C14493	grab (No. 4 Vein)	18+00E/17+30N	qtz	75.57 g/t
C14494	grab (No. 4 Vein)	18+15E/17+40N	qtz	39.74 g/t
C14495	grab (No. 4 Vein)	18+25E/17+40N	qtz	105.22 g/t
C14496	grab (No. 4 Vein)	18+35E/17+35N	qtz	39.81 g/t
E58351	grab (New No. 3 Vein)	20+00E/19+05N	qtz	36.65 g/t

\*Unless otherwise noted.

## SOIL GEOCHEMISTRY

In addition to the rock samples, a soil sampling programme was conducted over the Humlin and Redruth properties and a limited portion of the Humlin Extension (south part of KRL 1184165). The survey was designed to complement the rock geochemistry and to provide geochemical data where no outcrops were found. Sample depth was typically 20-30 cm, although deeper samples were taken. In most cases, the B horizon was sampled and approximately 1 kilogram of sample was collected; in areas where no B horizon was present, the C horizon was sampled. Descriptions of all soil samples are given in Appendix III.



A total of 2247 soil samples were sent to Chemex Labs Limited in Vancouver, British Columbia and analyzed for gold by neutron activation analysis (NAA) plus a 32 element ICP package. A detailed description of the sample preparation and analysis procedures is given in Appendix IV. Approximately 11% of the samples returned Au values of 10ppb or greater. Table 3 lists some of the high gold values returned, and all analyses are listed in Appendix VI. Drawing 2 is a plot of the geochemistry results from the soil analysis.

**TABLE 3**  
**Anomalous Au Values (soil samples)**

<u>Sample No.</u>	<u>Location</u>	<u>Horizon</u>	<u>Au ppb</u>
531-SD-021	23+00E/22+50N	B	110
531-SD-063	24+00E/22+25N	B	110
531-SD-100	24+00E/12+00N	B	110
531-HL-040	23+00E/13+75N	B	330
531-HL-071	22+00E/23+50N	B	220
531-CT-133	18+00E/22+50N	B	90
531-JC-055	9+00E/36+00N	B	87
531-JC-100	9+00E/22+00N	B	286
531-JC-153	11+00E/21+25N	B	120
531-JC-260	14+00E/23+00N	B	380
531-JC-329	17+00E/26+25N	B	81
531-JC-428	28+00E/26+25N	B	160
530-DM-516	2+00E/24+00N	B	125
531-DM-757	5+00E/20+50N	A/B	211
531-DM-778	6+00E/35+25N	B/C	225
531-DM-797	6+00E/29+75N	B	167
531-DM-822	6+00E/22+50N	B	106
531-DM-918	10+00E/15+25N	B	250
531-DM-1105	14+00E/12+25N	B	210
531-DM-1142	16+00E/26+00N	B	280
531-DM-1224	27+00E/28+25N	B	120
530-JC-469	27+00E/40+50N	B	80
530-SD-003	23+00E/29+25N	B	839
530-SD-023	24+00E/38+25N	B	93
530-CT-054	23+00E/30+25N	B	150
530-CT-064	23+00E/33+25N	B	86
530-JDC-053	22+00E/33+37.5N	B	426
530-DM-089	21+00E/36+62.5N	B	103

**TABLE 3 (cont'd)**

530-DM-178	20+00E/39+00N	B	573
530-DM-179	20+00E/39+12.5N	B	222
530-DM-315	18+00E/38+50N	B	84
530-DM-966	10+00E/35+50N	B	100
530-DM-1302	28+00E/31+25N	B	90

### **RECOMMENDATION**

Based on the 1995 work, the majority of the gold mineralization appears to be associated with narrow quartz veins hosted by northwest-southeast trending shear zones. The Humlin A zone consists of a wide (at least 17m) shear zone lacking the characteristic quartz veining. Grab samples taken from known showings returned highly anomalous gold values. Further work should be completed on all known showings, including locating those showings not found during the 1995 work programme, cleaning old trenches (with further mechanical stripping, where warranted), detailed mapping and chip sampling. An old drill road traverses the entire property and could be used to transport equipment for stripping and/or drilling. Results of the soil geochemistry indicate that the majority of anomalous gold values are not associated with the known showings. Further work around these anomalies should include setting up mini grids to aid in detailed prospecting, mapping and sampling (both soil and lithogeochemical, where possible). Although the majority of the showings have been extensively drilled, no apparent attempt has been made to determine the depth extent. Hence, diamond drilling should be completed in an attempt to accomplish that goal.

**REFERENCES:**

**BOILEAU, P. AND LAPOINTE, D., DECEMBER 1995**

Induced Polarization Survey, Property of Placer Dome Canada Limited, 530-531, Humlin-Redruth Project, Baird Township, Ontario

**FERNBERG, P.A., NOVEMBER 1986:**

Redaurum Red Lake Mines Limited, Humlin-Redruth Project, Summary of Work, 1986 Summer-Fall.

**HARPER AND HOLBROOKE, OCTOBER 6, 1958:**

Humlin Red Lake Gold Mines Limited, Report on Geology and Ore Possibilities, Fairlie Township Properties.

**HOGG, G.M., FEBRUARY 19, 1988:**

A Summary Report on 1986 Surface Evaluation of the Redaurum Project Properties, Red lake Area, Ontario.

**HUSTON, C.D., 1975:**

Report on the Redruth and Humlin Properties, Baird and Fairlie Townships.

**PETERSON, C.W., 1972:**

Report on EM, Surface Stripping and Diamond Drilling, Fairlie Township.

**PRYSLAK, A.P., JANUARY 1983:**

The Humlin-Redruth Options, Fairlie and Baird Twps., Geology - Summary of Exploration and Potential for Gold Deposits.

**STOTT, G.M. AND CORFU, F., 1991:**

Uchi Subprovince. In: Geology of Ontario, OGS, Special Volume 4, Part 1, pp. 145-236.

**THOMSON, R., SEPTEMBER 17, 1945:**

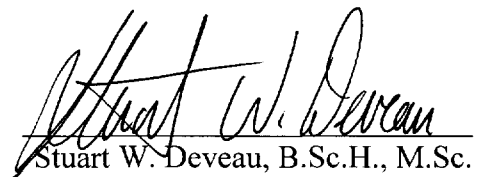
Humlin Red Lake Gold Mines, Report on Humlin Property.

## CERTIFICATE OF QUALIFICATIONS

### I HEREBY STATE THAT:

1. I currently reside at 212 Hammell Road, Red Lake, Ontario.
2. I am employed as a Contract Geologist/Assistant Landsperson with Placer Dome (CLA) Limited, in Cochenour, Ontario.
3. I possess a Bachelor of Science (Honours) Degree in Geology from Acadia University, where I graduated in 1988, and a Master of Science Degree in Earth Sciences (Geology) from Memorial University of Newfoundland, where I graduated in 1992, and have practiced in my profession since 1993.
4. This report is based upon published and unpublished sources of information, and field work conducted during 1995.
5. To the best of my knowledge, all of the information contained with this report is factual and true.
6. At no time, have I received or expect to receive any interest, directly or indirectly in the property.

Dated at Cochenour, Ontario, Canada this 19<sup>th</sup> day of February, 1997.

  
Stuart W. Deveau, B.Sc.H., M.Sc.

APPENDICES I - III

RECEIVED  
MAR 10 1997  
MINING LANDS BRANCH

2.17080



52N04SW0087 2.17080 FAIRLIE

**APPENDIX I**  
**Humlin/Redruth Property Claims**

**APPENDIX I**  
**Humlin/Redruth Property Claims**

**Humlin Extension Claims (unpatented)**  
**(including "Surrounded Claim")**

<u>Claim Number</u>	<u>No. of Claim Units</u>	<u>Expiry Date</u>
1144379	6	03/25/1997
1184165	2	05/11/1998
1184357	6	11/18/1998
1202251	4	03/25/1997
1202252	4	03/25/1998
1202253	4	03/25/1997
1202255	2	03/25/1998
1208924	1	06/10/2000

**Humlin Claims**

<u>Claim Number</u>	<u>Type Ownership</u>	<u>Size (ha)</u>
KRL 18411	Pat., L.O.	11.37
KRL 18412	Pat.	17.12
KRL 18413	Pat., L.O.	9.47
KRL 18414	Pat.	7.81
KRL 18422	Pat.	19.63
KRL 18423	Pat.	26.51
KRL 18424	Pat.	26.63
KRL 18425	Pat.	21.98
KRL 18426	Pat., L.O.	8.82
KRL 18427	L.O.	5.99
KRL 18428	Pat., L.O.	4.78
KRL 18429	L.O.	2.91
KRL 18631	Pat., L.O.	22.06
KRL 18632	L.O.	15.70
KRL 18633	Pat., L.O.	12.42
KRL 18634	Pat., L.O.	17.85
KRL 19487	Pat.	14.73

### Redruth Claims

<u>Claim Number</u>	<u>Type Ownership</u>	<u>Size (ha)</u>
KRL 18659	Pat.	43.51
KRL 18660	Pat.	19.55
KRL 18661	Pat.	28.25
KRL 18481	Pat.	19.87
KRL 18482	Pat.	16.27
KRL 18483	Pat.	23.68
KRL 18484	Pat.	16.67
KRL 18485	Pat.	17.16
KRL 18486	Pat.	28.77
KRL 20064	Pat., L.O.	36.50
KRL 20065	Pat.	18.17
KRL 20066	Pat.	31.40
KRL 20402	Pat.	21.08
KRL 20403	Pat.	30.15
KRL 20404	Pat.	26.27
KRL 20405	Pat.	23.15
KRL 20406	Pat.	32.78
KRL 20407	Pat.	24.56
KRL 20408	Pat.	35.90
KRL 20409	Pat.	30.51
KRL 20631	Pat.	27.60
KRL 20632	Pat.	12.38
KRL 20633	Pat.	16.67



## **APPENDIX II**

### **Rock Sample Descriptions**

The following abbreviations are used in the rock descriptions:

grn	- green	elng	- elongate
blk	- black	Q/C	- quartz-carbonate
brn	- brown	vn	- vein
gry	- grey	vlt	- veinlet
dk	- dark	vlt	- veinlets
lt	- light	altr,alt'd	- altered
vfg	- very fine grained	alt'n,altn	- alteration
fg	- fine grained	X	- cross
mg	- medium grained	mag	- magnetic
cg	- coarse grained	bx	- breccia
fol,fol'n	- foliation	sh	- sheared
med	- medium	min	- mineralization
w,wky	- weak, weakly	Q-Ep	- quartz-epidote
tr	- trace	discont.	- discontinuous
int	- intermediate	vis	- visible
serp	- serpentinite	sil'd	- silicified
carb'd	- carbonatized	stgrs,strs	- stringers
carb	- carbonate	selv	- selvages
calc	- calcite	chty	- cherty
frac,fracs	- fractures	maf	- mafic
mod	- moderate	vol	- volcanic
str	- strong	mass	- massive
diss	- disseminated	aspy	- arsenopyrite
py	- pyrite	po	- pyrrhotite
qtz	- quartz	cp	- chalcopyrite
hem	- hematite	ser	- sericite
chl	- chlorite	actin	- actinolite
trem	- tremolite	w	- with
amyg,amygdul	- amygdaloidal	Fe	- iron
Zn	- zinc	Ag	- silver
Cu	- copper	locy	- locally
sep	- separate	poss	- possible
QFP	- quartz-feldspar porphyry		

Errata: The following samples listed as Project 530 (Humlin Option) were actually taken from the Redruth Option property (Project 531):

530-RM-077 through 079  
 530-RM-084 through 094  
 530-RM-096 through 109

## PROJECT : 530 - HUMLIN

530- SAMPLE NO.	(E) LINE	(N) CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
Rm-001	23+97E	39+92N	30	45	45	208	40.2	2	42	GRN-BRN, FG, FOL. 118/80N
Rm-002	24+15E	39+35N	30	15	50	88	40.2	4	42	DARK GREEN, MED. GRAIN, WKY CARB.
Rm-003	24+06E	35+15N	30	45	109	58	40.2	12	42	DK GRN-GRN, FG, MODY-STRY CARB.
Rm-004	23+85E	34+85N	30	45	96	62	40.2	2	42	DK GRN, FG, AMYGNUL W/ CALCITE
Rm-005	24+05E	33+55N	30	45	74	44	40.2	34	42	FG-MG, GRN TR-FG-W/FG PY, FOL. 100/85S
Rm-006	24+00E	33+00N	30	45	86	48	40.2	14	42	FG-MG, GRN TR-FG-W/FG PY, FRAC. 020/90
Rm-007	24+00E	32+12N	30	45	105	48	40.2	12	42	MG, GRN, TR PY, MODUL, MASSIVE
Rm-008	23+95E	31+25N	30	5	07	52	40.2	22	42	MG, GRN, TR PY, MODUL, MASSIVE
Rm-009	23+95E	30+40N	30	10	160	76	0.2	24	42	DK GRN, FG-MG, WKY CARB, FOL. 129/90
Rm-010	23+08E	30+15N	30	10	174	56	40.2	1	42	DK GRN, FG, TR, DISS PY, MASSIVE
Rm-011	22+90E	32+00N	30	15	101	48	40.2	42	42	FG-MG, GRN, TR, FG-W/FG PY, FRAC. 165/90
Rm-012	22+90E	32+87N	30	20	83	36	40.2	20	42	MG-CG, DK GRN, TR, PY, FRAC. 000/90
Rm-013	22+85E	33+50N	30	10	121	56	0.2	28	42	MG-CG, DK GRN, TR, PY, FRAC. 000/90
Rm-014	22+75E	34+35N	30	45	113	60	40.2	6	42	DK GRN, FG, MOD-STR, CARB, FOL. 129/90
Rm-015	23+00E	35+10N	30	10	48	54	40.2	25	42	CG, DK GRN, MASS, WKY CARB, FRAC. 160/90
Rm-016	23+01E	36+15N	30	10	75	52	40.2	22	42	FG-MG, DK GRN, MOD, FOL. 129/90
Rm-017	23+00E	36+87N	30	25	94	82	40.2	8	42	FG, DK GRN, MOD, STR, CARB, FRAC. 129/90
Rm-018	23+00E	39+50N	30	30	223	56	40.2	2	42	FG, DK GRN, MOD, STR, CARB
Rm-019	22+87E	40+37N	30	10	6	82	40.2	2	42	DK GRN, FG, AMYGNUL W/ CALCITE, FOL. 120/80
Rm-020	22+10E	40+50N	30	15	21	50	40.2	42	42	DK GRN, FG, AMYGNUL W/ CALCITE, FOL. 120/80
Rm-021	22+00E	37+50N	30	830	167	58	0.2	82	42	DK GRN-GRN, QTZ-FE CARB, STRG TR PY
Rm-022	22+00E	37+50N	30	230	155	60	40.2	44	42	DK GRN-GRN, QTZ-FE CARB, TR, TR, BIER, CP
Rm-023	22+00E	36+50N	30	20	116	72	40.2	6	42	GRN, FG, CALCITE FILLED, FRAC.
Rm-024	21+95E	35+20N	30	20	121	78	40.2	6	42	DK GRN, FG, FILLED, FRAC.
Rm-025	22+03E	34+60N	30	30	109	74	0.2	8	42	MASSIVE FG, GRN, LOCAL, LAPE VUL
Rm-026	22+05E	33+35N	30	25	27	46	40.2	12	2	CG, GRN, MASSIVE
Rm-027	22+00E	32+65N	30	10	191	60	40.2	16	2	FG-CG-2 SEP FILING
Rm-028	22+05E	31+80N	30	5	70	50	40.2	6	42	CG, GRN, MASS, FRAC. 140/90
Rm-029	22+05E	30+37N	30	16	96	54	40.2	4	42	FG, GRN, CALCIFEROUS, MOD, FLK
Rm-030	21+25E	30+00N	30	5	86	48	40.2	42	42	FG-MG, GRN, MASS, STR, CARB, FOL. 140/90
Rm-031	21+00E	31+12N	30	45	121	52	40.2	40	42	LOCAL, STR, CG, GRN, MASS
Rm-032	21+15E	31+62N	30	45	68	48	40.2	2	42	FG, GRN, MAEL FLOW
Rm-033	20+90E	32+10N	30	45	129	58	40.2	14	2	FG, GRN, MASS, WKY-MOD, CALC.
Rm-034	21+00E	32+40N	30	45	134	48	40.2	10	42	FG, MAEL FLOW
Rm-035	20+50E	34+75N	30	45	125	64	40.2	28	42	FLK, GRN, MASS, POSS, REFINED
Rm-036	20+95E	35+37N	30	10	135	70	40.2	02	42	DK GRN, FILLED, LOCAL, SCHISTOSE

PROJECT : 530 - HUMLIN

530- SAMPLE NO.	(E) LINE	(N) CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
RM-037	20+65E	35+65N	3c	20	147	74	20.2	02	22	PIT TO PILLLOWED FLOW
RM-038	21+00E	36+50N	3a	5	111	92	20.2	12	22	FG TR FG-PY, MODV CARB'D
RM-039	21+00E	37+25N	3a	25	101	76	20.2	6	22	FG
RM-040	21+00E	37+75N	3a	10	31	56	20.2	10	22	GRN-GRV FG-MG, QZ-PINK CARB UN
RM-041	20+00	38+70	3a	10	106	92	20.2	42	22	FG, GRN, MOD-STR CARB, FOL 120/90
RM-042	20+03	38+35	3a	25	125	74	20.2	20	22	CG, MK GRN, MASS
RM-043	19+25	37+62	3a	155	215	40	20.2	150	22	FG, GRN, TR PY, 5% QZ, VUT EL 100/45 S
RM-044	20+00	36+38	3a	5	145	62	20.2	22	22	CG, MAFIC FLOW
RM-045	20+00	35+50	3a	5	129	79	20.2	8	22	FG, FOL N 120/90, TR PY, WRY MASS
RM-046	20+00	35+00	3c	10	90	49	20.2	8	22	MOD CARB, FOL 100/90
RM-047	19+88	34+37	3a	25	97	54	20.2	19	22	FG, MASS GRN
RM-048	20+00	33+55	3a	10	9	42	20.2	20	22	M/G MASS, GRN
RM-049	19+88	32+95	3a	5	78	42	20.2	12	22	FG, FRAC @ 140/90
RM-050	10+02	31+71	3a	15	128	32	20.2	12	22	FG MAFIC FLOW
RM-051	30+00	30+24	3a	10	121	66	20.2	14	22	CG MAFIC FLOW
RM-052	10+00	30+50	3a	5	121	65	20.2	6	2	CG MAFIC FLOW
RM-053	19+00	30+44	3a	10	106	72	20.2	4	2	CG MAFIC FLOW
RM-054	19+15	31+20	3c	10	116	84	20.2	8	22	PILLLOWED FLOW, CARB FRAC
RM-055	18+22	32+73	3a	5	75	39	20.2	6	22	FG-M/G, FRACS @ 140/90
RM-056	18+05	33+30	3c	25	106	40	20.2	22	22	QZ IN SIELVAGES
RM-057	19+05	34+23	3a	10	67	55	20.2	34	22	CG MAFIC FLOW
RM-058	10+00	34+20	3a bk	10	153	72	20.2	8	22	FLOW TOP PY, FG, TR PY
RM-059	18+08	36+45	3a	25	4	45	20.2	24	22	FG-M/G, GRN, MASS
RM-060	19+03	32+81	3c	5	115	62	20.2	24	22	PILLLOWED FLOW, NO WAX
RM-061	10+02	38+45	3c	5	92	32	20.2	14	22	FG, NO WAX
RM-062	10+00	39+35	3a	15	193	82	20.2	44	2	FG, GRN, FOL N @ 105/20 N
RM-063	11+04	36+89	3a	10	141	56	20.2	14	22	CG MAFIC FLOW
RM-064	16+95	34+00	3c	15	98	45	20.2	16	22	FG, GRN, FRAC @ 20/90, TR PY
RM-065	17+00	33+30	3c	10	42	32	20.2	4	22	FG, PILLLOWED
RM-066	16+05	32+60	3c	25	45	23	20.2	12	22	FG, FRAC @ 140/90
RM-067	17+00	30+85	3a	25	74	42	20.2	2	22	FG, FRAC @ 140/90
RM-068	17+82	30+05	3a	10	15	54	20.2	6	22	CG MAFIC FLOW
RM-069	17+08	30+05	3a	25	60	68	20.2	2	22	CG BUSTY FRAC @ 150/90
RM-070	18+05	31+52	3c	25	113	54	20.2	16	22	CG, TR PY
RM-071	17+02	36+39	3a	10	115	78	20.2	22	22	FG, GRN, TR BISS PY, FOL 120/90 S
RM-072	18+05	38+03	3a	880	40	42	20.2	2370	22	M-CG MOD SH, MOD CARB, TR PY, TRENCH



## PROJECT : 530 - HUMLIN

530-SAMPLE NO.	(E) LINE	(N) CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
HBL-001	27+00	41+00	3a	<5	1.0	58	<0.2	12	<2	F.g. mafic flow, calcite stringers
-002	27+35	39+85	3a	<5	15	98	<0.2	24	<2	C.g. mafic flow, CARBONIZED
-003	26+70	39+00	3a	<5	17	56	<0.2	2	2	C.g. mafic flow
-004	27+00	38+60	3a	<5	11	70	<0.2	<2	2	C.g. mafic flow
-005	27+00	37+25	3a	2630	>10000	464	24.4	194	2	C.g. mafic flow, py, ep, azurite, malachite
-006	27+00	34+50	3a	<5	330	38	<0.2	8	<2	F.g. mafic flow with py (trace)
-007	26+90	31+90	3a	15	478	60	<0.2	24	<2	C.g. mafic flow
-008	27+00	31+50	3a	10	152	78	<0.2	10	<2	m.g. mafic flow, tr py
-009	26+00	31+75	3a	10	127	54	<0.2	4	<2	C.g. mafic flow
-010	26+00	34+75	3a	10	172	56	<0.2	8	<2	F.g. mafic flow, tr py + po
-011	26+00	41+30	3a	5	61	52	<0.2	26	<2	C.g. mafic flow, calcite stringers, tr py
-012	25+00	35+25	3c	10	111	70	<0.2	38	2	Pillow BASALT, CARBONIZED
-013	25+00	34+40	3a	10	107	38	<0.2	6	<0.2	C.g. mafic flow
-014	25+00	30+50	3a	15	109	98	<0.2	82	4	F.g. mafic flows, sheared 120/90S
-015	24+50	30+00	3a	20	142	40	<0.2	14	2	F.g. mafic flow, CARBONIZED
-016	24+00	30+00	3a	20	105	92	<0.2	82	2	SILICIFIED mafic flow, sheared 120/90S
-017	29+10	32+25	3a	15	83	94	<0.2	16	6	F.g. mafic flow, SHEARED 120/90
-018	28+90	33+75	3a	30	109	88	<0.2	40	6	C.g. mafic flow
-019	28+10	36+00	3a	<5	73	40	0.4	18	<2	F.g. mafic flow, serpentine, V. magnesian
-020	27+65	32+35	3a	15	260	72	0.8	46	2	C.g. mafic flow
-021	28+00	31+25	3a	10	134	52	<0.2	18	2	F.g. mafic flow, tr py
-022	27+50	42+00	3a	<5	16	68	<0.2	6	<2	F.g. mafic flow, tr py, sheared 140/90N
-023	14+00	37+60	3a	<5	145	36	<0.2	20	<2	F-C.g. mafic flow, tr py, calcite stringers
-024	14+00	37+00	3a	<5	151	54	<0.2	14	<2	F.g. mafic flow, tr py
-025	13+75	35+50	3a	<5	114	64	<0.2	6	<2	C.g. mafic flow, tr py
-026	14+05	35+00	3a	10	197	76	<0.2	14	2	F.g. mafic flow, calcite stringers
-027	13+90	34+45	3a	5	100	34	0.2	4	<2	F.g. mafic flow, tr py
-028	14+00	35+05	3a	<5	115	38	<0.2	<2	<2	F.g. mafic flow, tr po
-029	13+00	33+00	3a	<5	86	36	<0.2	8	<2	C.g. mafic flow
-030	13+00	34+10	3c	<5	132	142	<0.2	14	<2	Pillow Basalt, tr py
-031	13+10	35+15N	3c	5	116	34	<0.2	14	<2	Pillow Basalt
-032	13+00	36+00	3a	5	111	70	<0.2	6	<2	F.g. mafic flow, tr py
-033	13+00	37+35	3a	10	162	26	<0.2	34	<2	C.g. mafic flow, tr py
-034	12+00	36+75	3a	15	139	72	0.2	28	<2	F.g. mafic flow, ~1/2% py, Aspy?
-035	12+00	36+35	3a	10	126	58	<0.2	6	<2	F-Mg mafic flow
-036	12+00	35+30	3a	<5	135	68	<0.2	8	<2	F.g. mafic flow

PROJECT : 530 - HUMLIN

530- SAMPLE NO.	E LINE	N CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
HBL-037	12E	3500N	3a	<5	113	40	<0.2	6	<2	Fine grained, tr py
HBL-038	12+00	34+60	3a	10	127	46	<0.2	2	<2	Pillboided, tr py
HBL-039	11+05	35+40	3a	10	122	60	<0.2	4	<2	Fine grained, silicified
HBL-040	6E	36+50	3a	<5	47	30	<0.2	6	<2	Coarse grained, fractured - 146/77L
HBL-041	6+00	35+10	3a	<5	56	20	<0.2	6	<2	Coarse grained
HBL-043	5+35	35+00	3a	<5	157	74	<0.2	16	2	Fine grained, silicified, tr py + Fe carb
HBL-044	5+80	34+60	3a	<5	219	58	<0.2	2	<2	Silicified, tr py (in texture)
HBL-045	5+00	34+50	3a	<5	156	81	<0.2	12	<2	Fine grained
HBL-046	5+00	35+00	3a	<5	178	84	<0.2	4	<2	silicified, tr py
HBL-047	5+00	35+50	3a	<5	160	102	<0.2	54	<2	Highly silicified, tr py
HBL-048	4+00	35+50	3a	<5	313	168	<0.2	132	<2	Silicified, tr py
HBL-049	3+00	32+75	3a	<5	27	38	<0.2	4	<2	medium grained
HBL-050	3+00	33+25	3a	<5	162	66	<0.2	6	<2	Fine grained, slightly silicified, Fe carb
HBL-051	3+00	33+75	3a	<5	530	114	<0.2	4	2	moderately silicified, tr py
HBL-052	2+00	32+50	3a	70	1285	40	0.4	<2	<2	Fine grained, tr py, fractured 175/85L
HBL-053	2+15	32+75	3a	<5	199	40	<0.2	2	<2	weakly sheared 146/79, tr py, Fe carb stringers
HBL-054	2+15	32+60	3a	<5	247	36	<0.2	2	<2	tr py

PROJECT : 531 - REDRUTH (LABELED AS 530, BUT ACTUALLY ON REDRUTH PROPERTY)

SAMPLE NO.	(E) LINE	(N) CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
530-RM-077	16+05	31+05	3a	15	87	58	20.2	28	22	FG, FRACS @ 140/90
530-RM-078	16+05	30+09	3a	25	135	114	20.2	34	4	RUSTY SHEAR, SULPHIDES, Zn, Ag, Cu, Pb
530-RM-079	14+90	30+65	3a	10	91	48	20.2	18	22	FG, FRACS @ 130/90
530-RM-080	10+02	36+63	3a	15	73	42	20.2	6	22	FG, CARB FRACS, TR PY
530-RM-085	10+07	34+02	3a	10	70	256	20.2	6	22	FG, FOL'D @ OSC'G, FRACS @ 140/90
530-RM-086	10+02	31+95	3a	10	136	120	20.2	6	22	FG, CARB FRACS, TR PY, Q-EP VLTS
530-RM-087	9+25	31+50	3a	10	147	48	20.2	4	22	FG, CARB FRACS, TR PY (CPY?)
530-RM-088	10+01	31+03	3a	10	151	36	20.2	4	22	FG, TR PY, CARB FRACS, FOL'D @ 120/85N
530-RM-089	9+35	30+00	3a	15	119	38	20.2	2	22	FG, TR PY, CARB FRACS
530-RM-090	9+35	30+60	3a	15	157	40	20.2	22	22	FG, TR PY, FOL'D @ 120/90
530-RM-091	9+01	31+12	3a	15	167	32	20.2	22	22	FG, TR PY, CARB FRACS
530-RM-092	8+09	30+95	3a	10	122	38	20.2	4	22	FG, TR PY, CARB FRACS, FOL'D @ 120/85N
530-RM-093	9+03	33+02	3a	15	75	30	20.2	12	22	CARB, TR PY, FOL'D @ 110/90
530-RM-094	9+00	33+75	3a	15	110	48	20.2	20	22	F-MG, CARB, FOL'D @ 122/90
530-RM-096	8+00	34+00	3a	25	167	56	20.2	2	22	FG, GRN, CARB, TR PY
530-RM-097	7+85	33+18	3a	25	78	40	20.2	2	22	FG, GRN, DISCONT. Qtz veins
530-RM-098	8+00	32+30	3a	10	118	28	20.2	22	22	FG, GRN, CARB, TR PY
530-RM-099	8+00	31+97	3a	10	125	24	20.2	2	22	FG, TR PY, CARB FRACS
530-RM-100	7+00	30+87	3a	20	95	30	20.2	2	22	FG, NO VIS MIN
530-RM-101	7+09	30+35	3a	10	122	28	20.2	22	22	FG, NO VIS MIN
530-RM-102	7+20	29+09	3a	25	129	26	20.2	2	22	FG, TR PY, FRACS @ 140/90
530-RM-103	7+10	30+00	3a	15	127	16	20.2	10	22	FG, TR PY, FRACS @ 140/90
530-RM-104	7+00	30+53	3a	15	129	54	20.2	8	22	FG
530-RM-105	7+05	31+05	3a	25	154	40	20.2	22	22	F-MG, RUSTY FRACS, CARB, TR PY
530-RM-106	7+00	31+53	3a	15	133	54	20.2	4	22	FG, GRN, TR PY, CARB FRACS (140/90)
530-RM-107	6+95	32+12	3a	20	113	52	20.2	22	22	FG, EP ALONG FRACS, CARB
530-RM-108	6+88	33+50	3a	15	16	24	20.2	6	22	M-CG, MASS, CARB FRACS @ 140/90
530-RM-109	7+00	34+02	3a	20	150	28	20.2	22	22	CG, TR PY, CUBES, CARB FRACS
530-DL-003	31+00	11+15	3c	25	85	56	20.2	22	14	FG, greenish pillow breccia matrix
530-DL-004	32+05	11+30	3c	25	87	20	20.2	2	22	FG, 20 py



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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-001	12+00	31+20	3a	<5	134	50	<0.2	2	<2	Fg , tr py
531-HBL-002	12+25	30+50	3c	<5	128	56	<0.2	8	<2	Pillows, tr. py
531-HBL-003	12+65	30+00	3c	<5	118	38	<0.2	<2	<2	Pillows
531-HBL-004	13+10	29+90	3a	<5	136	44	<0.2	10	<2	Cg, tr. py
531-HBL-005	13+50	30+00	3c	<5	126	56	<0.2	2	<2	Pillows, tr. py
531-HBL-006	14+10	30+10	3a	35	105	82	<0.2	64	2	Massive
531-HBL-007	14+25	30+60	3a	<5	127	52	<0.2	2	<2	Fg, tr. py
531-HBL-008	13+50	31+85	3c	5	143	44	<0.2	26	<2	Pillows
531-HBL-009	13+00	31+00	3a	<5	72	58	<0.2	8	<2	Fg.
531-HBL-010	11+75	30+00	3a	10	123	28	<0.2	14	<2	Fg, tr. py
531-HBL-011	13+40	30+10	3a	<5	126	40	<0.2	2	<2	Blk,Fg, mass
531-HBL-012	11+70	31+15	3c	85	143	46	<0.2	368	<2	Pillows, tr. py
531-HBL-013	11+00	33+00	3a	<5	75	44	<0.2	6	<2	Flow breccia, carb.
531-HBL-014	10+85	33+75	3a	<5	5	34	<0.2	18	<2	Pillows
531-HBL-015	10+90	34+40	3a	<5	115	46	<0.2	4	2	Blk, fg, mass.
531-HBL-016	6+00	34+00	3a	<5	3	32	<0.2	6	<2	Sil'd, carb., tr. py
531-HBL-017	6+00	33+50	3a	20	399	42	<0.2	4	<2	Fg, tr. py
531-HBL-018	6+00	33+00	3a	<5	112	34	<0.2	18	<2	Cg, massive
531-HBL-019	6+00	32+10	3a	<5	99	30	<0.2	2	<2	Fg, mass, carb.
531-HBL-020	6+00	31+70	3a	15	134	50	<0.2	6	<2	Fg, tr. py
531-HBL-021	6+10	31+00	3a	5	125	30	<0.2	2	<2	Fg, carb.strs, tr. py
531-HBL-022	6+30	30+15	3c	20	146	20	<0.2	4	<2	Pillows. tr. py
531-HBL-023	6+25	30+00	3a	<5	131	20	<0.2	<2	<2	Tr. py
531-HBL-024	5+45	30+00	3a	10	133	30	<0.2	<2	<2	Blk, fg, mass.
531-HBL-025	5+00	33+00	3a	5	123	70	<0.2	10	<2	Dk grn, Cg, mass
531-HBL-026	5+30	33+75	3a	15	154	72	<0.2	6	<2	Fg, tr. py
531-HBL-027	5+00	33+50	3a	10	119	64	<0.2	4	<2	Blk, Fg, carb strs, mass
531-HBL-028	2+00	32+00	3a	15	175	46	<0.2	2	<2	Mg, 0.1-0.5% py, frac @ 025/80E
531-HBL-029	2+00	30+60	3a	25	156	46	<0.2	2	<2	Mg, foliated 140/90

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Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-HBL-030	2+00	29+50	3a	10	140	56	<0.2	4	<2	Amphibolitic, 0.5% py
531-HBL-031	2+10	29+00	5c	15	2	22	<0.2	2	<2	Lt green, qtz eyes, fol'n 165/90
531-HBL-032	2+20	28+25	3a	20	171	48	<0.2	2	2	Tr. py
531-HBL-033	2+00	28+25	3a	<5	3	40	<0.2	<2	6	Fg, qtz eyes, poss. QFP
531-HBL-034	2+25	27+50	3a	<5	130	28	<0.2	<2	<2	Fg, carbonatized
531-HBL-035	2+10	27+00	3a	<5	2	32	<0.2	4	<2	Cg, fol'n 135/90, magnetic
531-HBL-036	2+00	26+25	3a	<5	10	10	<0.2	<2	<2	Fg, weakly fol'n 182/90
531-HBL-037	2+00	25+50	3a	<5	10	8	<0.2	2	<2	Blk, mg, massive
531-HBL-038	2+00	24+90	3a	15	46	28	<0.2	2	<2	Blk, mg, massive, fol'n 130/90
531-HBL-039	2+00	24+20	3a	10	115	12	<0.2	6	<2	Blk, fg, carb str., fol'n 170/90
531-HBL-040	1+90	23+25	3a	15	14	12	<0.2	<2	<2	Blk, massive, vfg.
531-HBL-041	2+00	22+50	3a	<5	18	20	<0.2	<2	<2	Grn-blk, fg, mass
531-HBL-042	2+00	21+75	3a	<5	136	14	<0.2	<2	<2	grn-blk, fg, mass
531-HBL-043	2+00	21+10	3a	<5	113	14	<0.2	2	<2	Blk, fg, rusted surface
531-HBL-044	2+00	20+65	3a	<5	73	6	<0.2	2	<2	Blk, mg, mass, tr. py
531-HBL-045	2+00	20+00	3a	<5	112	6	<0.2	2	<2	Blk, f.g., mass, calc stgrs, tr py
531-HBL-046	2+10	19+25	3a	5	68	6	<0.2	<2	<2	Blk, sil'd, mass., calc. stgrs
531-HBL-047	2+00	18+80	3a	10	105	6	<0.2	<2	<2	Blk, f.g., tr.py, calc stgrs, mass
531-HBL-048	2+00	17+75	3a	20	99	8	<0.2	<2	<2	Blk, f.g., mass.
531-HBL-049	2+00	16+00	3a	10	343	14	<0.2	<2	<2	Dk grey, f.g., fol'n 140/90, tr py
531-HBL-050	3+00	17+25	3a	10	59	28	<0.2	<2	<2	Grn-blk, m.g., calc. str
531-HBL-051	3+00	18+00	3a	100	850	8	<0.2	2	<2	Dk grey, f.g., mass, tr.py
531-HBL-052	3+00	18+50	3a	15	118	20	<0.2	2	<2	Blk, f.g., mass, tr.py
531-HBL-053	3+00	19+25	3a	10	140	20	<0.2	2	2	Blk, f.g., mass.
531-HBL-054	3+00	20+00	3a	<5	716	12	0.2	<2	<2	Grn-blk, f.g., mass, tr py + aspy
531-HBL-055	3+00	23+00	3a	10	15	12	<0.2	<2	2	Blk, f.g., mass., tr. py
531-HBL-056	2+90	26+25	3a	15	111	22	0.2	<2	<2	Blk, f.g., mass.
531-HBL-057	3+00	27+30	3a	10	149	32	<0.2	4	<2	Blk, f.g., mass.
531-HBL-058	3+00	29+00	3a	10	177	26	<0.2	2	<2	Blk, f.g., mass., carb.

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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-059	28+00	29+25	3a	<5	66	82	<0.2	46	<2	Dk grn, f.g., mass., calc frac fill
531-HBL-060	28+00	28+50	3a	<5	103	72	<0.2	6	<2	Dk grn, c.g., mass, tr py + aspy
531-HBL-061	28+00	28+00	3a	5	181	60	<0.2	8	4	Dk grn, c.g., mass
531-HBL-062	27+90	27+40	3a	10	87	52	<0.2	6	<2	Med-dk grn, c.g., mass.
531-HBL-063	28+00	22+25	3a	10	135	88	<0.2	12	<2	Dk grn, f.g., mass., fol'n 128/90
531-HBL-064	28+00	19+50	3a	<5	171	66	<0.2	4	<2	Med-dk grn, f.g., mass.
531-HBL-065	27+90	18+50	3a	15	132	32	<0.2	44	<2	Med-dk grn, f.g., mass., tr py
531-HBL-066	28+40	17+90	3a	20	13	62	<0.2	8	<2	Grn, f.g., mass., fol'n 100/90
531-HBL-067	28+00	17+50	3a	10	2	72	0.2	6	<2	Grn, f.g., mass.
531-HBL-068	28+00	16+95	3a	25	110	46	<0.2	<2	<2	Dk grn, m.g., mass., tr py.
531-HBL-069	28+00	16+25	3a	10	72	36	<0.2	<2	<2	Med grn, f.g., mass.
531-HBL-070	28+00	14+50	3a	10	93	116	0.2	12	<2	Dk grn-blk, f.g., tr py + cpy, mass.
531-HBL-071	28+00	12+00	3a	20	98	86	<0.2	<2	<2	Dk grn-blk, f.g., mass.
531-HBL-072	28+00	11+00	3a	15	148	118	<0.2	30	<2	Dk grn-blk, f.g., mass.
531-HBL-073	29+00	10+60	3a	20	99	54	<0.2	4	<2	Blk, f.g., mass.
531-HBL-074	29+00	12+95	3a	10	91	92	<0.2	8	<2	Blk,,f.g.,tr py, actinolite.
531-HBL-075	29+00	15+75	3a	15	64	54	<0.2	12	<2	Med grn, f-m.g., mass.
531-HBL-076	29+00	17+00	3a	40	258	76	<0.2	<2	<2	Blk, f-m.g., mass.
531-HBL-077	5+00	29+90	3a	30	109	28	<0.2	2	<2	Blk. f.g., mass.
531-HBL-078	5+00	29+25	3a	25	115	30	<0.2	4	<2	Grn-blk, m-f.g., mass.
531-HBL-079	5+00	28+25	3c	5	148	54	<0.2	2	<2	Grn-blk, pillows, tr diss. py.
531-HBL-080	5+15	26+35	3a	10	115	30	<0.2	4	<2	Dk grn- blk, f.g., mass.
531-HBL-081	5+00	25+25	3a	10	11	20	<0.2	<2	<2	Dk grn-blk, c.g., mass.
531-HBL-082	5+00	24+00	3a	<5	7	18	<0.2	<2	<2	Dk grn, m-f.g.,mass.
531-HBL-083	5+00	22+25	3a	15	139	24	<0.2	<2	<2	Dk grn, m-f.g., mass, tr py.
531-HBL-084	5+00	21+50	3c	5	123	22	<0.2	<2	<2	Dk grey, f.g., pillowed.
531-HBL-085	5+00	18+75	3a	15	112	22	0.2	<2	<2	Dk grn, f.g., mass, tr py.
531-HBL-086	5+00	18+25	3a	10	166	28	<0.2	<2	<2	Olive-grn, f-m.g.,tr py, min carb
531-HBL-087	4+60	17+75	12c	5	1	28	<0.2	2	2	Dk grey-brn, qtz-biotite porphyry

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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-088	4+25	18+00	3a	15	93	14	<0.2	2	<2	Dk grey, f.g., mass, tr py.
531-HBL-089	4+00	17+50	5a	20	11	4	<0.2	<2	<2	Lt grn, f.g., carb., mass.
531-HBL-090	4+15	19+00	3a	30	49	18	<0.2	<2	<2	Dk grn-blk, m-c.g., mass.
531-HBL-091	5+00	20+75	3a	30	78	14	<0.2	<2	<2	Dk grn-blk, c.g., mass.
531-HBL-092	4+90	23+10	3a	40	7	22	<0.2	<2	<2	Dk grn-blk, c.g., mass., mod. mag.
531-HBL-093	4+00	23+75	3a	15	92	24	<0.2	<2	<2	Dk grn-blk, c.g., mass., tr. py.
531-HBL-094	4+00	24+75	3a	10	27	18	<0.2	<2	<2	Dk grn, c.g., mass.
531-HBL-095	4+00	27+00	3a	10	50	20	<0.2	<2	<2	Dk grn-blk, f.g., mass.
531-HBL-096	4+00	27+75	3a	20	153	48	<0.2	4	<2	Dk grey, f.g., mass., tr. py.
531-HBL-097	4+00	28+50	3a	15	142	20	<0.2	<2	<2	dk grey, f-m.g., mass.
531-HBL-098	4+00	29+25	3c	20	114	38	<0.2	22	<2	dk grey, f.g., pillows, qtz selv.
531-HBL-099	4+00	30+30	3a	5	78	32	<0.2	<2	<2	Dk grn-blk, m-c.g., mass.
531-HBL-100	25+00	28+75	3a	<5	47	36	0.2	<2	6	Dk grn, f.g., mass., tr. py.
531-HBL-101	25+00	27+75	3a	<5	92	82	<0.2	14	<2	Dk grn, f.g., calc stgrs.
531-HBL-102	25+00	27+40	3a	<5	85	50	<0.2	8	8	Dk grn, f.g., mass., tr. py.
531-HBL-103	25+00	26+65	3a	<5	108	52	<0.2	<2	2	Dk grn, f.g., mass., tr. py.
531-HBL-104	25+00	26+00	3a	<5	27	84	<0.2	10	6	Dk grn, f.g., mass.
531-HBL-105	25+00	22+75	3a	<5	102	60	<0.2	<2	6	Med grn, c.g., mass.
531-HBL-106	25+00	21+75	3a	<5	86	56	<0.2	<2	4	Dk grn, c.g., mass., 0.3% py.
531-HBL-107	25+00	21+50	3a	<5	93	54	<0.2	<2	2	Dk grn, f.g., mass.
531-HBL-108	25+00	19+75	3a	<5	71	66	<0.2	<2	4	Dk grn, f.g., mass., tr. py.
531-HBL-109	25+00	18+15	3a	<5	75	72	<0.2	<2	12	Dk grn, f.g., mass.
531-HBL-110	25+00	16+85	3a	<5	117	50	<0.2	2	2	Dk grn, f.g., mass., tr. py.
531-HBL-111	25+00	26+25	3a	<5	80	36	<0.2	2	2	Dk grn, f.g., mass., tr. py.
531-HBL-112	25+00	13+40	3a	<5	63	60	<0.2	6	6	Dk grn-blk, m-c.g., mass., tr. py.
531-HBL-113	25+00	11+00	3a	<5	86	44	<0.2	<2	4	Dk grn-blk, c.g., mass., tr. py.
531-HBL-114	25+00	10+50	3a	<5	119	40	<0.2	<2	2	Dk grn, f.g., mass.
531-HBL-115	25+25	10+50	3a	<5	25	26	<0.2	20	2	Grn, sil'd, tr. py., poss. float.
531-HBL-116	26+00	10+50	3a	<5	5	20	<0.2	<2	2	Med. grey, sil'd, mass.

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Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-HBL-117	26+00	11+25	3a	<5	84	70	<0.2	<2	10	Blk. f.g., mass.
531-HBL-118	26+00	12+50	3a	<5	26	22	<0.2	4	<2	Blk. f.g., mass. calc. stgrs.
531-HBL-119	26+00	13+50	3a	<5	64	76	<0.2	<2	4	Blk. f.g., mass.
531-HBL-120	26+00	16+50	3a	<5	97	34	<0.2	<2	<2	Blk. f.g., mass.
531-HBL-121	24+00	28+75	3a	<5	92	46	<0.2	12	<2	Blk. f.g., mass, rusted surface
531-HBL-122	24+00	29+50	3a	<5	63	78	<0.2	10	4	Dk grn, f.g., mass., tr py
531-HBL-123	24+00	27+00	3a	<5	103	54	<0.2	12	6	Dk grn, f.g., mass, tr py specks
531-HBL-124	24+00	26+25	3a	<5	106	48	<0.2	<2	8	Dk grn, m.g., carb str, tr py
531-HBL-125	24+00	21+25	3c	<5	72	48	<0.2	<2	6	Grn, f.g., pillows
531-HBL-126	24+00	20+25	3a	<5	114	54	<0.2	<2	6	Dk grn, f.g., mass, tr py
531-HBL-127	24+00	18+75	3a	<5	120	78	<0.2	<2	10	Dk grn, f.g., mass
531-HBL-128	24+50	18+75	3a	140	39	20	<0.2	58	4	V. rusted, sil'd
531-HBL-129	23+00	19+75	3a	<5	114	70	<0.2	<2	8	Dk grn, f.g., tr py, amygdaloidal
531-HBL-130	23+00	20+00	3a	20	74	30	<0.2	12	2	Dk grn, f.g., tr py, fol'n 090/90
531-HBL-131	23+00	23+25	3c	<5	52	24	<0.2	4	<2	Grn, f.g., pillows
531-HBL-132	23+00	24+00	3a	<5	70	34	<0.2	<2	4	Dk grn, f.g., mass, tr py.
531-HBL-133	23+00	29+25	3a	<5	77	52	<0.2	6	2	Dk grn, f.g., mass, tr py.
531-HBL-134	23+00	29+35	3a	<5	177	222	<0.2	20	8	Dk grn, f.g., folded & sheared
531-HBL-135	21+00	29+70	3a	<5	116	54	<0.2	<2	2	Dk grn, f.g., mass.
531-HBL-136	21+00	27+50	3a	<5	75	32	<0.2	14	2	Dk grn, f.g., mass.
531-HBL-137	21+00	25+50	3a	<5	51	44	<0.2	4	2	Grn, f.g., mass.
531-HBL-138	21+00	25+25	3a	<5	81	68	<0.2	<2	12	Dk grn, f.g., minor carb.strs
531-HBL-139	21+00	24+25	3c	<5	55	48	<0.2	<2	<2	Dk grn, f.g., mass.
531-HBL-140	21+00	23+00	3a	<5	74	26	<0.2	4	6	Grn, f.g., mass.
531-HBL-141	21+00	19+00	3a	<5	107	42	<0.2	<2	8	Dk grn, f.g., amygdaloidal
531-HBL-142	21+00	16+75	3a	<5	71	42	<0.2	8	8	Blk, chty, 0.5% py + cpy, sh 060/35S
531-HBL-143	21+00	16+25	3a	<5	140	58	<0.2	<2	<2	Dk grn, f.g., mass, tr py
531-HBL-144	22+00	17+25	3a	<5	117	60	<0.2	<2	8	Dk grn, Vf.g., cherty, tr py + cpy
531-HBL-145	22+00	19+75	3a	<5	85	34	<0.2	<2	2	Grn, m.g., mass.

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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-146	22+00	20+50	3a	<5	98	26	<0.2	<2	<2	Dk grn, f.g., mass.
531-HBL-147	22+00	20+65	3a	<5	115	36	<0.2	<2	4	Dk grn, f.g., amgd, tr py
531-HBL-148	22+00	21+50	3a	<5	145	70	<0.2	<2	6	Dk grn, f.g., mass, carb str.
531-HBL-149	22+00	24+00	3a	<5	99	16	<0.2	2	<2	Dk grn, f.g., mass.
531-HBL-150	22+00	25+50	3a	<5	61	18	<0.2	<2	2	Dk grn, m-c.g., mass.
531-HBL-151	22+00	26+75	3a	<5	92	84	<0.2	4	12	Dk grn, m.g., mass.
531-HBL-152	22+00	29+50	3a	<5	85	90	<0.2	<2	14	Dk grn, f-m.g. mass.
531-HBL-153	22+00	30+00	3a	<5	143	42	<0.2	<2	2	Dk grn, f.g., mass. tr py
531-HBL-154	20+00	25+50	3a	<5	25	36	<0.2	2	18	Dk grn, f.g., w.sheared 64/90
531-HBL-155	20+00	20+75	3a	<5	130	74	<0.2	2	292	Dk grn, f.g., tr py, fol'n 74/90
531-HBL-156	20+00	20+35	3a	10	194	42	<0.2	2	40	Dk grn, f.g., carb str, tr py
531-HBL-157	20+00	19+25	3a	<5	76	58	<0.2	2	236	Dk grn, f.g., mass, tr py
531-HBL-158	20+00	18+25	3a	<5	120	50	<0.2	2	2	Dk grn, m.g., mass, tr py
531-HBL-159	20+50	18+00	3c	<5	119	70	<0.2	2	168	Dk grn, w sheared 114/50S, tr py
531-HBL-160	20+50	18+00	5a	<5	78	10	<0.2	2	126	Lt grn, sil'd, tr py
531-HBL-161	20+00	17+50	3a	<5	79	32	<0.2	2	86	Blk, fg, mass, tr py.
531-HBL-162	20+00	16+75	3a	<5	99	28	<0.2	2	188	Blk, fg, mass, tr py
531-HBL-163	19+00	16+25	5a	<5	4	22	<0.2	2	84	Lt grey, sil'd
531-HBL-164	19+00	17+00	4a	30	32	14	<0.2	50	42	Med grey, fg, sheared 094/90
531-HBL-165	19+75	18+00	3a	<5	136	70	<0.2	2	2	Dk grn, mass, tr py
531-HBL-166	19+00	18+00	3a	<5	145	46	<0.2	2	<2	Dk grn, fg, mass, 0.3% py
531-HBL-167	19+00	18+50	3c	<5	156	42	<0.2	2	14	Blk, fg, qtz selv, pillows
531-HBL-168	19+00	19+50	3a	<5	7	76	<0.2	2	54	Blk, fg, mass
531-HBL-169	19+00	Q9+00	3a	<5	116	84	<0.2	2	6	Dk grn, fg, mass
531-HBL-170	6+75	26+05	3a	<5	131	26	<0.2	2	26	Blk, fg, carb blebs
531-HBL-171	6+00	24+50	3a	<5	168	34	<0.2	20	8	Dk grn, cg, mass, tr py
531-HBL-172	6+05	25+75	3a	30	246	46	<0.2	2	2	Dk grn, fg, mass, tr py + po
531-HBL-173	5+35	25+75	3a	<5	62	22	<0.2	2	58	Dk grn, fg, mass, tr py, carb
531-HBL-174	6+00	26+25	3a	<5	127	24	<0.2	2	14	Dk grn, f-mg, mass

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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-175	6+25	23+35	3a	<5	106	26	<0.2	2	134	Dk grn, cg, tr py, mass
531-HBL-176	6+00	22+00	3a	<5	123	14	<0.2	40	<2	Dk grn, fg, carb, tr py
531-HBL-177	6+00	21+20	3a	15	255	22	<0.2	2	76	Blk, fg, mass
531-HBL-178	6+00	20+65	3a	<5	114	26	<0.2	4	6	Blk, fg, mass
531-HBL-179	5+75	19+50	3a	<5	8	10	<0.2	2	16	Dk grn, mg, felsic str
531-HBL-180	6+00	19+10	3a	<5	71	22	<0.2	2	4	Dk grn, fg, carb str, mass
531-HBL-181	6+00	16+90	3a	<5	46	12	<0.2	2	6	Dk grn, fg, mass
531-HBL-182	6+00	16+25	3a	<5	99	16	<0.2	2	80	Dk grn, fg, felsic str
531-HBL-183	7+00	17+80	3a	<5	78	10	<0.2	2	180	Dk grn, cg, mass
531-HBL-184	7+00	19+65	3a	<5	5	16	<0.2	2	4	Dk grn, fg, mass
531-HBL-185	8+00	29+75	3a	<5	124	50	<0.2	<2	<2	Dk grn, fg, 0.3% diss py, carb str
531-HBL-186	8+00	29+25	3a	<5	123	38	<0.2	2	<2	Dk grn, fg, tr diss py, carb
531-HBL-187	8+00	27+70	3a	<5	3	38	<0.2	<2	<2	Dk grn, cg, grainy texture
531-HBL-188	8+00	27+20	3a	<5	116	32	<0.2	28	<2	Dk grn, fg, mass, tr py
531-HBL-189	8+50	24+75	3c	<5	219	36	<0.2	<2	<2	Dk grn, fg, 0.3% diss py + po
531-HBL-190	8+50	24+75	3c	<5	388	48	<0.2	<2	<2	Dk grn, fg, 0.5% po + py
531-HBL-191	8+50	25+00	7b	70	143	258	0.6	220	62	Bedding 040/65NW, 5-10% py
531-HBL-192	8+50	25+02	3a	<5	77	48	<0.2	12	<2	Dk grn, sil'd, tr diss py + po
531-HBL-193	8+50	25+10	3a	<5	66	44	<0.2	10	2	med grey, sil'd, 3-5% py str
531-HBL-194	8+25	25+25	3a	<5	121	28	<0.2	2	<2	DK grey, fg, mass, 0.5% py
531-HBL-195	8+00	23+20	3a	<5	42	20	<0.2	2	<2	Dk grn, cg, mass
531-HBL-196	8+00	22+20	3a	<5	116	12	<0.2	<2	<2	Dk grn, cg, mass
531-HBL-197	8+00	20+75	3a	<5	1	28	<0.2	4	<2	Dk grn, mg, qtz str, mass
531-HBL-198	8+00	19+25	3a	<5	<1	30	<0.2	<2	<2	Dk grn, fg, mass
531-HBL-199	8+00	19+25	3a	<5	1	32	<0.2	14	2	Fe-carb lense
531-HBL-200	7+95	16+45	3c	<5	100	12	<0.2	<2	<2	Dk grn, fg, pillows
531-HBL-201	8+00	16+00	3a	<5	101	26	<0.2	<2	<2	Dk grn, fg, mass
531-HBL-202	8+75	14+00	3a	<5	89	26	<0.2	<2	<2	Dk grn, fg, mass, carb
531-HBL-203	9+00	13+80	3a	<5	63	18	<0.2	<2	<2	Dk grn, f-mg, mass

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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-204	9+00	16+25	3a	<5	159	28	<0.2	4	<2	Dk grn, fg, carb str
531-HBL-205	9+00	17+15	3a	<5	96	14	<0.2	<2	<2	Dk grn, fg, fe-staining, mass
531-HBL-206	9+00	18+00	3a	<5	76	22	<0.2	2	<2	Dk grn, fg, fe-staining, mass
531-HBL-207	9+00	18+75	3a	<5	110	20	<0.2	<2	<2	Blk, fg, mass
531-HBL-208	9+00	19+60	3a	<5	26	36	<0.2	2	<2	Grn, fg, qtz str, mass
531-HBL-209	9+00	20+00	3a	<5	16	18	<0.2	<2	<2	Dk grn, fg, mass
531-HBL-210	9+00	21+75	3a	<5	156	22	<0.2	<2	<2	Dk grn, m-cg, Fe-carb str, tr py
531-HBL-211	9+00	24+00	3a	<5	54	6	<0.2	2	<2	Dk grn, fg, carb str
531-HBL-212	9+00	26+75	3a	<5	105	18	<0.2	8	<2	Blk, fg, tr py, Fe-carb staining
531-HBL-213	9+00	27+75	3a	<5	126	18	<0.2	4	2	Blk, fg, tr diss py, mass
531-HBL-214	9+00	28+75	3a	<5	127	22	<0.2	42	<2	Blk, fg, mass, tr py
531-HBL-215	9+00	29+25	3a	<5	44	46	<0.2	2	<2	Grn, fg, Fe-carb str, tr py
531-HBL-216	8+75	30+00	3a	<5	53	50	<0.2	4	<2	Dk grn, fg, mass, tr py
531-HBL-217	12+00	29+00	3a	<5	121	36	<0.2	2	<2	Grn, fg, mass, carb in frac
531-HBL-218	12+25	27+00	3a	<5	59	22	<0.2	2	<2	Dk grn, cg, tr py, mass
531-HBL-219	12+00	26+50	3a	5	360	32	<0.2	2	<2	Dk grn, mg, mass, tr py
531-HBL-220	12+00	25+60	3a	<5	13	8	<0.2	2	<2	Dk grn, mg, mass
531-HBL-221	12+00	23+50	3a	<5	63	22	<0.2	2	<2	Grn, mg, mass
531-HBL-222	11+55	22+25	3a	<5	61	20	<0.2	2	<2	Grn, mg, mass
531-HBL-223	11+75	21+50	3a	<5	8	30	<0.2	2	2	Dk grn, fg, mass, Sheared 088/90
531-HBL-224	12+00	21+10	3a	10	87	26	<0.2	2	<2	Dk grn, fg, mass
531-HBL-225	12+00	21+50	3a	<5	60	16	<0.2	2	<2	Dk grn, fg, mass
531-HBL-226	12+00	18+70	3a	10	29	32	<0.2	2	<2	Blk, fg, mass
531-HBL-227	12+00	17+75	3a	15	285	60	<0.2	2	2	Blk, fg, mass, 1-3% py
531-HBL-228	12+00	17+00	3a	<5	30	24	<0.2	2	2	Blk, fg, mass
531-HBL-229	11+75	16+50	3a	10	92	14	<0.2	2	4	Blk, fg, tr carb, tr py
531-HBL-230	12+00	15+40	3a	15	336	48	<0.2	2	4	Dk grn, cg, mass, tr py
531-HBL-231	12+00	14+25	3a	<5	125	22	<0.2	2	<2	Grn, fg, mass, tr py
531-HBL-232	12+00	13+75	3a	<5	7	14	<0.2	2	<2	Blk, fg, mass, fractured



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Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-HBL-233	12+00	13+25	3a	<5	401	14	<0.2	2	<2	Grn, fg, mass
531-HBL-234	12+50	13+00	3a	<5	74	32	<0.2	2	2	Blk, fg, mass
531-HBL-235	13+00	13+60	3a	<5	54	34	<0.2	2	<2	Blk, fg, mass
531-HBL-236	13+00	14+25	3a	<5	60	42	<0.2	2	<2	Blk, fg, mass
531-HBL-237	13+00	15+00	3a	<5	281	22	<0.2	2	<2	Dk grn, fg, mass
531-HBL-238	13+00	14+25	3a	<5	250	24	<0.2	2	2	Dk grn, fg, mass
531-HBL-239	13+00	20+50	3a	<5	1620	74	<0.2	2	4	Blk, fg, mass
531-HBL-240	13+00	22+50	3a	25	190	30	<0.2	2	<2	Blk, fg, mass, tr py
531-HBL-241	13+00	27+00	3a	<5	73	38	<0.2	2	8	Dk grn, mg, mass
531-HBL-242	14+00	29+75	3a	<5	55	40	<0.2	34	<2	Dk grn, vfg, mass
531-HBL-243	14+00	28+00	3a	<5	93	30	<0.2	2	<2	Dk grn, fg, mass
531-HBL-244	14+00	27+25	3a	<5	89	32	<0.2	2	<2	Dk grn, fg, carb nodules, mass
531-HBL-245	14+00	22+75	3a	<5	287	52	<0.2	2	<2	Dk grn, fg, mass, tr py
531-HBL-246	14+00	22+25	3a	<5	732	62	<0.2	2	6	Blk, fg, carb strrs, mass
531-HBL-247	14+00	16+00	3a	<5	1520	28	<0.2	2	4	Grn, fg, mass
531-HBL-248	14+00	15+00	3a	<5	74	80	<0.2	2	2	Dk grn, fg, mass, tr py
531-HBL-249	14+00	14+50	3a	<5	74	32	<0.2	2	<2	Dk grn, fg, mass, 0.3% py + po
531-HBL-250	13+75	14+00	3a	<5	54	22	<0.2	2	<2	Blk, fg, mass
531-HBL-251	14+00	11+40	3a	<5	59	18	<0.2	2	<2	Blk, fg, mass
531-HBL-252	15+00	11+25	3a	<5	250	14	<0.2	2	<2	Blk, fg, mass
531-HBL-253	15+00	11+75	3a	<5	104	4	<0.2	2	<2	Blk, fg, mass
531-HBL-254	15+00	12+75	3a	<5	242	34	<0.2	2	<2	Dk grn, cg, mass
531-HBL-255	15+00	13+50	3a	15	49	42	<0.2	2	<2	Dk grn, fg, X-cutting strrs (trem)
531-HBL-256	15+00	14+00	3a	<5	39	28	<0.2	2	<2	Blk, fg, mass
531-HBL-257	15+00	15+00	3a	<5	69	44	<0.2	<2	4	Dk grn, fg, mass
531-HBL-258	15+00	15+75	3a	<5	20	74	<0.2	14	<2	Blk, fg, Fe-carb strrs, mass
531-HBL-259	15+00	16+75	3a	5	52	36	<0.2	<2	<2	Grn, fg, mass
531-HBL-260	15+00	16+65	3a	<5	141	30	<0.2	<2	<2	Blk, fg, mass, few needles (actin)
531-HBL-261	15+10	23+50	3a	5	89	30	<0.2	<2	<2	Dk grn, mg, mass

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Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-HBL-262	15+15	25+60	3a	<5	99	28	<0.2	<2	2	Dk grn, fg, mass
531-HBL-263	15+00	26+75	3a	<5	54	44	<0.2	<2	<2	Dk grn, fg, mass
531-HBL-264	15+00	29+25	3a	<5	63	38	<0.2	<2	4	Grn, fg, mass
531-HBL-265	17+50	29+90	3a	10	139	82	<0.2	<2	<2	Dk grn, fg, mass, tr py
531-HBL-266	18+05	29+90	3a	20	94	82	<0.2	<2	<2	Dk grn, f-mg, mass
531-HBL-267	18+00	24+00	3a	10	77	32	<0.2	<2	<2	Dk grn, mg, mass
531-HBL-268	18+00	23+10	3a	20	79	20	<0.2	2	<2	Dk grn, fg, mass
531-HBL-269	18+00	19+50	3a	5	113	74	<0.2	<2	<2	Dk grn, fg, carb, mass, tr py
531-HBL-270	18+00	19+00	3a	25	239	106	<0.2	<2	<2	Dk grn, fg, carb, mass, tr py
531-HBL-271	18+00	18+50	3a	10	129	58	<0.2	<2	<2	Dk grn, mg, mass
531-HBL-272	18+00	18+00	3a	15	63	60	<0.2	6	<2	Dk grn, f-mg, carb, mass
531-HBL-273	17+70	17+60	3a	3600	175	68	0.2	2	<2	Blk, fg, bio altn, 0.5% py
531-HBL-274	18+00	17+30	3a	710000	143	68	2.2	<2	<2	Blk, sil'd, qtz str, 0.5% py (27.73 g/t Au)
531-HBL-275	18+00	14+75	3a	100	65	38	<0.2	4	<2	Dk grn, m-cg, mass
531-HBL-276	17+90	14+25	3a	135	73	30	<0.2	6	<2	Dk grn, cg, mass
531-HBL-277	18+00	13+75	3a	<5	47	70	<0.2	2	<2	Dk grn, fg, mass
531-HBL-278	18+00	13+20	3a	10	53	24	<0.2	2	<2	Dk grn, f-mg, fol'n 135/90, mass
531-HBL-279	18+00	12+00	3a	<5	71	22	<0.2	2	<2	Dk grn, fg, Fe-carb str, mass
531-HBL-280	18+00	11+50	3a	<5	69	36	<0.2	<2	<2	Dk grn, fg, mass, tr py
531-HBL-281	18+15	10+50	3a	10	80	46	<0.2	<2	<2	Blk, fg, mass

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Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-SWD-001	6+00	29+50	3a	<5	115	30	<0.2	<2	4	Fg , tr py
531-SWD-002	6+00	29+10	q/c vn	<5	33	14	<0.2	<2	<2	q/c vein in fg mafic flow
531-SWD-003	6+00	28+75	3a	<5	139	22	<0.2	<2	<2	fg, tr py
531-SWD-004	5+75	28+10	3a	<5	150	40	<0.2	<2	<2	fg, tr py
531-SWD-005	7+15	26+30	3a	<5	97	54	<0.2	<2	6	fg, tr py, gossanous
531-SWD-006	6+90	28+50	3a	<5	145	32	<0.2	6	2	f-mg, diss py, massive
531-SWD-007	7+00	29+00	3a	<5	119	28	<0.2	<2	6	fg, massive, barren
531-SWD-008	6+90	29+15	3a	<5	152	54	<0.2	<2	2	fg, tr py, sil'd
531-SWD-009	11+00	29+00	3a	<5	94	54	<0.2	<2	<2	fg, carb, massive, barren
531-SWD-010	11+00	28+50	3a	5	95	34	<0.2	<2	<2	fg, massive, barren
531-SWD-011	11+00	27+75	3a	5	124	32	<0.2	6	<2	f-mg, carb, massive, barren
531-SWD-012	11+00	26+90	3a	10	80	30	<0.2	<2	2	fg, carb, massive, tr py
531-SWD-013	10+95	26+40	3a	5	35	8	<0.2	<2	<2	fg, carb, massive, barren
531-SWD-014	11+00	25+90	3a	15	135	26	<0.2	<2	<2	cg, massive, barren
531-SWD-015	11+00	25+15	3a	<5	48	20	<0.2	<2	<2	cg, massive, tr py blebs
531-SWD-016	11+00	21+90	3a	<5	30	16	<0.2	<2	<2	fg, massive, tr py
531-SWD-017	11+10	21+15	3a	10	68	26	<0.2	<2	<2	mg, massive, tr py
531-SWD-018	10+90	20+70	3a	<5	4	8	<0.2	8	<2	fg, Fe-carb veining, barren, fol'n @ 115/90
531-SWD-019	11+00	19+90	3a	<5	48	30	<0.2	<2	2	mg, massive, barren
531-SWD-020	11+00	19+25	3a	<5	89	36	<0.2	<2	<2	mg, massive, tr py in frags
531-SWD-021	11+00	18+65	3a	<5	43	36	<0.2	<2	<2	mg, massive, barren
531-SWD-022	11+00	17+00	3a	<5	32	24	<0.2	<2	2	fg, Fe staining, massive, barren
531-SWD-023	11+00	16+55	3a	<5	77	42	<0.2	10	2	fg, massive, barren
531-SWD-024	11+00	15+50	3a	<5	45	30	<0.2	<2	<2	mg, massive, barren
531-SWD-025	11+00	15+00	3a	<5	85	16	<0.2	<2	<2	fg, massive, tr py
531-SWD-026	11+00	14+50	3a	<5	73	18	<0.2	<2	<2	fg, massive, barren
531-SWD-027	11+00	13+70	3a	<5	49	22	<0.2	<2	2	fg, massive, barren
531-SWD-028	11+00	12+60	3a	<5	5	24	<0.2	<2	<2	fg, massive, barren
531-SWD-029	9+90	13+50	3a	<5	30	22	<0.2	<2	2	fg, massive, barren

**Placer Dome Canada Limited  
Project 531 (Redruth Option)  
Sample Descriptions and Assay Results**

Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-SWD-030	10+05	14+50	3a	<5	79	22	<0.2	<2	2	fg, massive, cpy bleb (Cu bloom)
531-SWD-031	10+05	15+15	3a	<5	68	22	<0.2	<2	<2	fg, massive, barren
531-SWD-032	10+00	18+20	3a	<5	59	22	<0.2	<2	<2	fg, massive, barren
531-SWD-033	10+00	18+80	3a	<5	21	26	<0.2	2	<2	fg, massive, barren, carb
531-SWD-034	9+95	19+50	3a	<5	31	22	<0.2	<2	<2	fg, massive, tr py blebs
531-SWD-035	10+00	20+10	3a	<5	12	22	<0.2	<2	<2	fg, massive, barren, frac @ 135/90
531-SWD-036	10+00	20+95	3a	10	59	24	<0.2	<2	<2	mg, massive, barren
531-SWD-037	9+85	21+75	3a	<5	28	30	<0.2	2	2	cg, barren, fol'n @ 135/90
531-SWD-038	10+05	22+25	3a	<5	77	22	<0.2	<2	<2	cg, massive, tr py blebs
531-SWD-039	10+50	24+50	3a	20	155	18	<0.2	<2	<2	cg, massive, tr py blebs
531-SWD-040	10+00	26+15	3a	<5	110	32	<0.2	<2	4	fg, massive, barren, tr carb strs
531-SWD-041	9+95	26+75	3a	10	125	30	<0.2	30	<2	fg, massive, tr diss py
531-SWD-042	10+00	27+95	3a	<5	77	10	<0.2	<2	<2	fg, massive, barren
531-SWD-043	9+95	28+50	3a	<5	126	30	<0.2	<2	<2	fg, massive, barren
531-SWD-044	10+25	33+50	3a	10	382	54	<0.2	8	2	fg, massive, 0.5% py as blebs & strs
531-SWD-045	16+00	29+75	3a	<5	107	68	<0.2	<2	2	mg, massive, barren
531-SWD-046	16+00	27+85	3a	<5	62	26	<0.2	4	<2	fg, dk grn, massive, tr py blebs
531-SWD-047	16+00	27+10	3a	<5	119	30	<0.2	<2	<2	fg, massive, 1-2% carb strs, tr py
531-SWD-048	15+85	26+40	3a	<5	100	36	<0.2	2	2	fg, massive, tr py
531-SWD-049	15+90	25+60	3a	<5	52	30	<0.2	<2	4	mg, massive, barren
531-SWD-050	16+25	24+75	3a	30	169	20	<0.2	<2	<2	fg, massive, tr py blebs
531-SWD-051	16+05	24+05	3a	5	68	14	<0.2	<2	<2	mg, massive, barren
531-SWD-052	15+75	22+00	3a	5	70	48	<0.2	<2	4	mg, massive, tr-0.5% diss py
531-SWD-053	16+00	16+30	3a	10	17	42	<0.2	18	4	fg, massive, barren, biot alt'n
531-SWD-054	16+00	15+70	3a	5	72	60	<0.2	6	4	fg, massive, barren
531-SWD-055	16+10	15+00	3a	20	99	54	<0.2	2	2	fg, massive, tr diss py
531-SWD-056	16+00	14+40	3a	10	25	20	<0.2	2	4	cg, massive, tr diss py
531-SWD-057	16+00	13+80	3a	<5	29	68	<0.2	<2	<2	fg, massive, barren, 2cm qtz vn (C14489)
531-SWD-058	16+10	12+80	3a	10	36	20	<0.2	<2	2	cg, massive, tr diss py

**Placer Dome Canada Limited  
Project 531 (Redruth Option)  
Sample Descriptions and Assay Results**

Sample No.	Line (E)	Chainage (N)	Rock	Au	Cu	Zn	Ag	As	Pb	Comments
			Code	(ppb)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	
531-SWD-059	15+90	12+30	3a	5	25	16	<0.2	<2	<2	cg, massive, barren
531-SWD-060	16+40	11+50	3a	15	25	20	<0.2	8	<2	f-mg, massive, barren
531-SWD-061	16+65	11+50	3a	1630	30	40	<0.2	>10000	<2	fg, shr'd @ 125/80S, 5% diss aspy, 0.2% py, 2-10 cm qtz vein (C14490)
531-SWD-062	17+00	12+35	3a	<5	20	64	<0.2	92	<2	mg, massive, tr py blebs
531-SWD-063	16+95	14+00	3a	<5	21	28	<0.2	56	2	f-mg, massive, barren
531-SWD-064	17+00	14+55	3a	15	33	28	<0.2	8	<2	fg, massive, barren, 75% Fe-carb
531-SWD-065	17+05	15+30	3a	<5	106	34	<0.2	12	4	fg, massive, 0.5% py strs & blebs, sil'd
531-SWD-066	17+00	16+35	3a	<5	22	50	<0.2	<2	4	f-mg, massive, barren
531-SWD-067	17+00	17+30	3a	10	200	36	<0.2	14	16	mg, massive, barren, Fe staining
531-SWD-068	16+85	17+75	3a	<5	15	18	<0.2	50	2	fg, massive, barren, Fe-carb
531-SWD-069	17+00	22+60	3a	<5	91	62	<0.2	22	4	fg, massive, tr py
531-SWD-070	16+95	23+40	3a	<5	100	30	<0.2	<2	2	mg, massive, 0.5-1% diss py
531-SWD-071	17+30	24+70	12	115	56	18	<0.2	8	2	minor felsic intrusive, 1-2% py in frags
531-SWD-072	17+30	24+70	3a	<5	118	98	<0.2	<2	<2	fg, massive, 1-2% py cubes, qtz vn (C14491)
531-SWD-073	16+75	24+10	3a	<5	71	28	<0.2	<2	<2	cg, massive, tr diss py
531-SWD-074	18+15	17+40	3a	15	29	66	<0.2	<2	<2	fg, massive, 0.5% py, biot alt'n, qtz vn with py (No. 4 Vein) @ 115/90 (C14494)
531-SWD-075	18+25	17+40	3a	435	412	118	0.4	<2	<2	fg, massive, 0.5% py, biot alt'n, qtz vn with py (No. 4 Vein) @ 115/90 (C14495)
531-SWD-076	18+35	17+35	3a	1510	480	90	1.2	<2	<2	fg, massive, 0.5% py, biot alt'n, qtz vn with py (No. 4 Vein) @ 115/90 (C14496)
531-SWD-077	18+25	11+25	3a	<5	18	36	<0.2	28	4	fg, massive, sil'd, Fe-carb vein with py
531-SWD-078	19+00	11+85	3a	<5	19	84	<0.2	<2	102	fg, massive, tr py blebs
531-SWD-079	19+00	11+15	3a	15	275	72	<0.2	<2	12	fg, massive, tr diss py, Fe-staining
531-SWD-080	19+00	10+15	3a	<5	116	70	<0.2	<2	12	fg, massive, tr py blebs
531-SWD-081	19+85	11+10	4a	<5	85	66	<0.2	<2	6	cg, massive, tr py, qtz vn (C14497)
531-SWD-082	21+20	11+25	3a	<5	115	72	<0.2	2	768	mg, massive, tr-0.5% py blebs
531-SWD-083	21+00	12+05	3a	<5	98	54	<0.2	<2	58	fg, massive, tr-0.5% py, carb amygdules
531-SWD-084	21+50	13+90	3a	<5	100	88	<0.2	8	18	fg, massive, sil'd, tr diss py, Fe staining

**Placer Dome Canada Limited  
Project 531 (Redruth Option)  
Sample Descriptions and Assay Results**

Sample No.	Line (E)	Chainage (N)	Rock Code	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	Comments
531-SWD-085	21+75	14+00	3a	<5	91	46	<0.2	<2	6	fg, massive, tr diss py
531-SWD-086	22+05	13+35	3a	<5	138	52	<0.2	<2	28	fg, massive, 1-2% po, 0.5% py, gossanous
531-SWD-087	22+00	12+45	3a	<5	298	130	<0.2	<2	10	fg, massive, 0.5% diss py
531-SWD-088	22+25	11+75	3a	<5	84	142	<0.2	4	4	fg, massive, 0.5% py str, Fe-carb
531-SWD-089	22+50	11+75	3a	<5	38	54	<0.2	<2	4	mg, massive, barren
531-SWD-090	22+75	12+15	3a	<5	27	122	<0.2	<2	<2	fg, massive, 0.5% diss py, No. 10 Vein (C14498)
531-SWD-091	55+75	12+15	carb	<5	8	54	<0.2	<2	12	carb rim on vein
531-SWD-092	23+05	12+35	3a	30	49	66	<0.2	<2	24	cg, massive, barren
531-SWD-093	23+00	12+85	3a	<5	70	70	<0.2	<2	6	cg, massive, tr diss py
531-SWD-094	23+00	13+85	3a	<5	76	118	<0.2	<2	14	fg, massive, tr py blebs, carb
531-SWD-095	21+50	11+35	3a	<5	127	68	<0.2	<2	2	fg, massive, tr diss py

PROJECT : 531 - REDRUTH

531-SAMPLE NO.	(E) LINE	(N) CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
WH-001	29+00	29+12	3a	10	131	62	20.2	24	22	C.G. MAFIC FLOW
WH-002	29+00	28+40	3a	10	97	59	20.2	14	22	C.G. MAFIC FLOW FRAC @ 165/90
WH-003	29+00	21+67	3a	15	104	78	20.2	6	22	FG, SHEARED CARB. FOLN @ 110/90
WH-004	30+95	20+45	3a	10	381	32	20.2	4	22	ALTR MAF VOL. SIL'D, RUSTY, 1-2% PY
WH-005	30+95	20+45	3a	10	94	39	20.2	104	22	AS ABOVE W. EUCALITE ALTN, K-CARB
WH-006	30+95	20+40	3a	20	146	64	0.2	24	22	FG, SIL'D, TR-1% PY
WH-007	8+88	34+00	3a	9050	208	50	0.2	4470	22	N. 1 vein, FG GRN. TR PY LUBES, SIL'D
WH-012	31+00	16+35	3a	75	80	42	10.4	88	22	CG, RUSTY, MASS
WH-013	31+25	11+90	3c	60	88	86	20.2	32	22	ROUND SELVAGES, CARB
WH-014	30+90	11+10	3c	15	96	31	20.2	6	22	CARB FRACS
WH-015	30+30	15+87	3a	20	115	34	20.2	4	22	AMYG, CPY, PD, FG
WH-016	27+15	28+82	3a	10	89	52	20.2	8	22	FG, MASS, CARB
WH-017	28+05	27+05	3a	15	130	58	20.2	16	22	CG, MASS, TR PY
WH-018	27+05	27+42	3a	25	138	60	20.2	6	22	CG, TR PY
WH-019	22+05	25+73	3a	10	116	54	20.2	14	22	FG, CARB FRAC
WH-020	22+08	22+60	3c	15	92	44	20.2	20	22	FG, CARB-EP FRACS, TR PY, FRAC @ 100/90
WH-021	27+00	19+37	3a	15	136	74	20.2	6	22	FG STR SHEARED CARB, TR PY, FOLN @ 100/90
WH-022	26+00	18+90	3a	20	32	40	20.2	18	22	SHEARED, COSSANOUS SIL'D, Q/C. W. 15cm WIDE
WH-023	26+00	18+25	3a	15	77	38	0.2	6	22	FG, CARB, FOLN @ 100/90
WH-024	26+00	18+20	3a	10	97	30	20.2	12	22	AS ABOVE, BUT TR PY + FE-CARB
WH-025	26+03	19+10	3a	15	135	30	20.2	2	22	FG, GRN, AMYG, CARB, MASS FRAC @ 110/90
WH-026	25+05	20+15	3a	20	141	30	20.2	8	22	FG, AMYG, CARB, FOLN @ 110/90
WH-027	26+02	21+05	3a	10	149	50	20.2	6	22	AMYG, TR PY @ AMPHIBOLE?
WH-028	26+07	26+22	3a	5	314	38	20.2	4	22	F-MG, CARB, FRAC @ 100/90
WH-029	25+46	28+30	3a	5	23	38	0.2	22	22	CG, STR CARB, FOLN @ 120/90
WH-030	26+01	20+03	3a	10	120	42	0.4	22	22	FG

## PROJECT: 531 - REDRUTH

Sample No.	Line (East)	Chainage (North)	Rock Code	Au oz/ton	Au g/t	Comments
C16857	888	3400	qtz vein	<b>0.229</b>	<b>7.85</b>	Grab sample, Redruth No. 1 Vein, milky white, rusty, trace py cubes
C16858	905	3400	qtz vein	0.022	0.75	Grab sample, Redruth No. 1 Vein, grey, sugary, aspy & py in wallrock
C16859	2680	2820	qtz vein	-0.002	-0.07	Grab sample, glassy, chl clots
C16853	1605	3095	qtz vein	<b>0.077</b>	<b>2.64</b>	Grab sample, Redruth No. 2 Vein, milky white
C14484	670	3000	qtz lens	-0.002	-0.07	Grab sample, 30cm lens in mafic flow
E58351	2000	1905	qtz vein	<b>1.069</b>	<b>36.65</b>	Grab sample, Redruth New No. 3 Vein, milky white, tr py, 30cm x 20m
C14486	875	2475	qtz vein	-0.002	-0.07	Grab sample, quartz selvage in pillow basalt
E58353	1400	1450	qtz vein	-0.002	-0.07	Grab sample, milky white, 20cm x 3m, trending 010/90
C14492	1770	1760	qtz vein	<b>0.739</b>	<b>25.34</b>	Grab sample, Redruth No. 4 Vein, milky, tr py, Fe-staining, 110/90
C14493	1800	1730	qtz vein	<b>2.204</b>	<b>75.57</b>	Grab sample, Redruth No. 4 Vein, milky, tr py, Fe-staining, 110/90
C14494	1815	1740	qtz vein	<b>1.159</b>	<b>39.74</b>	Grab sample, Redruth No. 4 Vein, 20cm wide, 0.5% py
C14495	1825	1740	q/c vein	<b>3.069</b>	<b>105.22</b>	Grab sample, Redruth No. 4 Vein, 20cm wide, 0.5% py
C14496	1835	1735	qtz vein	<b>1.161</b>	<b>39.81</b>	Grab sample, Redruth No. 4 Vein, 20cm wide, 0.5% py, 115/90
C14497	1985	1110	qtz vein	-0.002	-0.07	Grab sample, 2cm wide qtz-to vein, tr py, 160/90
C14498	2275	1215	qtz vein	-0.002	-0.07	Grab sample, Redruth No. 10 Vein, 3cm wide qtz vein, 125/75S
C14487	1000	2820	qtz vein	-0.002	-0.07	Grab sample, 1-2cm wide vein in mafic flow
C14488	1025	3350	qtz vein	-0.002	-0.07	Grab sample, 2cm wide vein in mafic flow, tr py
C14489	1600	1380	qtz vein	-0.002	-0.07	Grab sample, 2cm wide vein in mafic flow
C14490	1665	1150	qtz vein	-0.002	-0.07	Grab sample, Redruth Aspy Showing, 2-6cm vein in 2m shear zone
C14491	1730	2470	qtz vein	-0.002	-0.07	Grab sample, tourmaline & tr py
531-DLO-1	3100	1115	qtz vein	-0.002	-0.07	Grab sample, Redruth Southeast Vein, 5-10cm wide white vein, barren
531-DLO-2	3100	1114	qtz vein	0.011	0.38	Grab sample, Redruth Southeast Vein, <5cm wide white vein, barren
531-DLO-4	890	3400	qtz vein	<b>0.037</b>	<b>1.27</b>	0.3m chip sample, Redruth No. 1 Vein, diss. py
531-DLO-5	891	3400	qtz vein	<b>0.052</b>	<b>2.43</b>	0.3m chip sample, Redruth No. 1 Vein, diss. py
531-DLO-6	893	3400	qtz vein	<b>0.071</b>	<b>2.43</b>	0.3m chip sample, Redruth No. 1 Vein, diss. py
531-DLO-7	905	3392	qtz vein	<b>0.023</b>	<b>0.79</b>	0.3m chip sample, Redruth No. 1 Vein, diss. py
531-DLO-8	920	3380	qtz vein	<b>0.434</b>	<b>14.88</b>	0.3m chip sample, Redruth No. 1 Vein, diss. py
531-DLO-9	907	3380	qtz vein	0.003	0.1	Grab sample, 5cm wide white vein
531-DLO-10	1612	3081	qtz vein	-0.002	-0.07	0.3m chip sample, Redruth No. 2 Vein, 5cm wide
531-DLO-11	1613	3079	qtz lens	-0.002	-0.07	0.5m chip sample, Redruth No. 2 Vein, 50 x 150cm
531-DLO-12	1612	3070	qtz vein	-0.002	-0.07	Grab sample, Redruth No. 2 Vein, qtz-to vein



PROJECT: 530 - HUMLIN

Sample No.	Line (East)	Chainage (North)	Rock Code	Au oz/ton	Au g/t	Comments
C16851	2095	3537	qtz vein	0.003	0.1	Grab sample, smoky white, ser & chl along fractures
C16852	2075	3562	qtz vein	<b>0.055</b>	<b>1.89</b>	Grab sample, smoky white, glassy, trace pyrite
C16854	1830	3675	qtz vein	<b>0.162</b>	<b>5.55</b>	Grab sample, Humlin B-Zone, 2-3% aspy
C16855	1820	3680	qtz vein	<b>0.064</b>	<b>2.19</b>	Grab sample, Humlin B-Zone, aspy along contact
C14482	2425	2985	qtz vein	0.006	0.21	Grab sample, smoky white, associated with shearing, float?
C14483	1200	3675	qtz lens	-0.002	-0.07	Grab sample, qtz-carb lens with trace pyrite
C14485	215	3205	qtz vein	-0.002	-0.07	Grab sample, white, sugary texture, in sheared mafics
C14499	1900	3175	qtz vein	-0.002	-0.07	Grab sample, barren

PROJECT : 530 - HUMLIN EXTENSION

SAMPLE NO.	ISLAND LETTER TIME	CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
C14351	J		3a/10a	45	85	20	40.2	2	42	SHEPRED CG FLOW/GABBRO
C14352	J		3a	15	127	30	40.2	2	2	CG
C14353	J		13	45	21	10	40.2	2	42	SERPENTINITE
C14354	At WP#4 600MN 1202254		6e	25	549	617	0.8	156	36	GROSSANOUS TO PY
C14355	K		5f	45	163	62	40.2	26	42	CARB. SHEPRED @ 090/90
C14356	K		5f	45	107	58	40.2	26	42	AS ABOVE
C14357	K		5f	45	33	66	40.2	48	42	SIL'D CARB. SHEPRED @ 080/90
C14358	L		6j	45	14	6	40.2	2	42	CHERT TO PY
C14359	L		4a	45	163	96	40.2	2	42	MDC SHEPRED TO CHERT NODULES F
C14360	L		4a	45	35	24	40.2	2	42	SHEPRED @ 095/90
C14361	L		4a	45	85	26	40.2	2	42	CARB. ~SHEPRED
C14362	L		4a	45	12	36	40.2	2	4	MASS
C14363	L		4a	425	342	4	1.4	2	4	SIL'D, TR PY
C14364	L		4a	45	260	6	9.4	2	2	SIL'D CU & AS PY
C14365	L		4a	45	12	62	0.2	2	42	
C14366	L		4a	45	138	68	0.2	2	2	
C14367	L		4a/6j	10	224	110	0.8	22	6	INT. FLOW TO CHERT NODULES
C14368	L		4a	45	116	139	40.2	2	42	
C14369	L		5a/4a	45	123	112	40.2	4	42	SHEPRED @ 095/90
C14370	L		5f	5	216	28	40.2	16	42	TR PY, SHEPRED @ 110/90
C14371	L		3a/10a	45	142	24	40.2	2	42	CG FLOW OR GABBRO
C14372	L		4a	45	103	56	40.2	24	42	SHEPRED
C14373	L		3a/10a	45	122	48	40.2	12	42	CG FLOW OR GABBRO
C14374	L		4a	45	118	42	40.2	42	42	
C14375	Peninsula west of Island M		3a/13	45	106	42	40.2	8	42	CG FLOW TO SERP.
C14376	"		3a	45	55	25	40.2	42	42	CG FLOW
C14377	"		3a	45	35	28	40.2	42	42	CG FLOW
C14378	"		3a	45	61	24	40.2	42	42	CARB, CG FLOW
C14379	"		3a	45	40	46	40.2	42	42	CG FLOW
C14380	"		4a	5	101	38	40.2	42	42	
C14381	"		5a/4a	5	222	16	40.2	14	42	
C14382	"		5a/4a	45	206	30	40.2	26	42	
C14383	"		3a	45	53	28	40.2	42	42	SHEPRED @ 085/90
C14384	"		4a	45	109	46	40.2	42	42	SHEPRED @ 090/90
C14385	"		3a	45	33	46	40.2	20	42	CG, ABUNDANT FE-STRAINING
C14386	"		QC VEIN	45	20	4	40.2	2	42	

PROJECT : 530 - HUMLIN EXTENSION

SAMPLE NO.	ISLAND LETTER LINE	CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
C14387	Sm island south of peninsula <sup>W of Island M</sup>		13	<5	81	10	<0.2	8	<2	SERPENTINITE
C14388	Peninsula west of Island M		3a	<5	92	24	<0.2	2	<2	CG
C14389	"		3a	<5	36	32	<0.2	4	2	CG FOLN @ 075/80N, CARB
C14390	M		5f	<5	119	62	<0.2	<2	<2	CARB TR PY
C14391	M		5f	<5	125	68	<0.2	<2	<2	FOLN @ 110/75 SW
C14392	M		5f	<5	192	58	<0.2	34	<2	FOLN @ 115/75 SW
C14393	M		5f	<5	148	62	<0.2	8	<2	
C14394	M		4a	<5	136	66	<0.2	2	<2	INT. FLOW!
C14395	M		5f	<5	51	32	<0.2	46	<2	SILT
C14396	M		5f	<5	67	44	<0.2	60	<2	
C14397	M		5f	<5	72	66	<0.2	16	2	
C14398	M		Qtz	<5	17	14	<0.2	10	<2	Q/Lc vein
C14399	M		5f	<5	62	84	<0.2	36	<2	
C14400	M		5f	<5	64	80	<0.2	4	<2	
C14401	M		Qtz	<5	1	12	0.2	30	<2	BARREN GRAB
C14402	M		4a	<5	1	38	<0.2	130	2	SHEARED @ 105/90
C14403	M		3a	<5	44	32	<0.2	<2	<2	SHEARED @ 090/90
C14404	M		3a/4a	<5	90	42	<0.2	<2	<2	
C14405	M		4a	<5	102	80	<0.2	<2	<2	SHEARED @ 110/90, FS 090/90 & 130/90
C14406	M (just south of M)		3c	<5	83	28	<0.2	<2	<2	
C14407	M		4a	<5	125	78	<0.2	<2	<2	SHEARED @ 190/90
C14408	M		CARB VN	<5	30	62	<0.2	<2	<2	CARB VEIN @ 050/80 SE Xcuts FOLN
C14409	M		3a/4a	<5	82	40	<0.2	<2	<2	TR PY MASSIVE
C14410	M		4a	<5	117	64	<0.2	270	<2	TR PY CUBES, Fe-CARB, Qtz
C14411	M		4a	<5	92	62	<0.2	<2	<2	SHEARED @ 130/65 S, CARB
C14412	M		4a, bx	<5	99	62	<0.2	<2	<2	TR PY
C14413	M		Q/Lc vein	<5	10	16	<0.2	4	<2	2 cm Q/Lc vein @ 090/90 Xcuts FOLN
C14414	M		4a	<5	21	48	<0.2	34	<2	FOLN @ 130/75 S
C14415	M		4a	<5	64	42	<0.2	<2	<2	SHEARED @ 120/70 SW
C14416	M		4a	<5	93	18	<0.2	<2	<2	TR PY SHEARED @ 105/70 S
C14417	M		4a	<5	113	100	<0.2	<2	<2	SHEARED @ 095/90
C14418	M		4a	<5	33	42	<0.2	<2	<2	" @ 080/90
C14419	M		3a/4a	<5	78	81	<0.2	8	<2	SHEARED @ 105/85 S
C14420	M		5f	<5	146	92	<0.2	<2	<2	
C14421	Small rock west of Island L		4a	<5	126	82	<0.2	<2	<2	CARB
C14422	N		3a	<5	125	100	<0.2	68	<2	

PROJECT : 530 - HUMLIN EXTENSION

SAMPLE NO.	Island Letter LINE	CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
C14423	N		3a	<5	62	86	<0.2	<2	<2	MASSIVE BARREN
C14424	N		6i	<5	26	98	<0.2	<2	2	CHERT, FE-STAINING
C14425	N		6j	<5	2	16	<0.2	<2	2	FG CHERT
C14426	N		3a	<5	81	26	<0.2	<2	<2	CG, BARREN
C14427	N		3a	<5	86	94	<0.2	<2	<2	TR PY, MASSIVE
C14428	N		3c	<5	114	192	<0.2	4	<2	BARREN
C14429	N		3a	<5	76	122	<0.2	<2	<2	TR PY, MASSIVE
C14430	N		3a	<5	85	84	<0.2	<2	<2	TR PY, MASSIVE
C14431	N		3a	<5	38	102	<0.2	<2	<2	TR PY
C14432	N		3a	<5	68	96	<0.2	<2	<2	TR PY
C14433	N		3a	<5	77	79	<0.2	<2	2	BARREN
C14434	N		3a	<5	30	100	<0.2	<2	<2	TR PY
C14435	N		3a	<5	28	64	<0.2	<2	<2	TR PY
C14436	N		3c	<5	150	138	<0.2	<2	<2	PY RD
C14437	N		3a	<5	48	32	<0.2	<2	<2	PY RD, ASPY? GOSSANOUS
C14438	N		3a	<5	335	84	<0.2	<2	<2	GOSSANOUS, PY
C14439	N		3a	<5	184	128	<0.2	76	<2	GOSSANOUS, PY
C14440	N		3c	<5	272	246	0.2	<2	8	GOSSANOUS, PY
C14441	N		15	<5	46	88	<0.2	<2	<2	LAMP DYKE
C14442	D		4d/16	5	23	128	<0.2	<2	6	SHEARED TRAC/EX, 05% PY CUBES
C14443	N		3a	10	163	114	<0.2	4	4	TR PY, GOSSANOUS
C14444	N		3a	5	31	24	<0.2	32	<2	TR PY, MASSIVE
C14445	N		3c	15	60	48	<0.2	2	2	TR PY
C14446	N		6tz/14	<0.002 oz/ton			Pu			3martzuela in pillow basalt (CHIP)
C14447	N		3c	5	102	64	<0.2	<2	4	PY RUSTED LENSES
C14448	N		3a	10	105	64	<0.2	<2	4	TR PY
C14449	N		3c	25	88	112	<0.2	6	<2	TR PY
C14450	N		3a/10a	20	55	47	<0.2	<2	<2	CG FLOW / GABBRO, BARREN
C14451	O		Qlc vein	20	687	38	180	60	6	3cm Qlc vein in mafic flow
C14452	O		Qte vein	<5	152	64	<0.2	122	8	5cm silic zone (vein) w 2% py
C14453	O		3a/10a	<5	247	88	<0.2	2	4	CG FLOW / GABBRO
C14454	O		3a	<5	13	28	<0.2	66	6	MASSIVE BARREN
C14455	O		3a/10a	<5	120	54	<0.2	2	<2	CG FLOW / GABBRO, TR PY FOL'N @ 100/90
C14456	A		3a	<5	206	88	<0.2	30	2	FG, 1% diss py, CARB VLTs @ 100/90
C14457	B		1a	<5	22	52	<0.2	2	<2	FELSIC DYKE, TR DISS PY
C14458	B		4d/3g	<5	86	90	<0.2	2	2	TR PY, FOL'N @ 095/90

## PROJECT : 530 - HUMLIN EXTENSION

SAMPLE NO.	Island Letter ZONE	CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
C14459	B		4d/3a	<5	112	96	<0.2	152	4	TR PY
C14460	C		3a, ox	<5	125	102	0.4	2	6	MAFIC FLOW BX, CARB, TR PY, FOL'D 075/90
C14461	C		3a	320	97	112	0.2	4	6	AMYG TR PY & PO, CARB
C14462	C		3a, bx	<5	1600	48	<0.2	12	<2	TR PY, FOL'D @ 092/90
C14463	D		13	<5	13	14	0.2	2	<2	TALCOSE, 056/755 bedding
C14464	D		3a/10a	<5	22	28	<0.2	2	<2	CG FLOW/GABBRO, BARREN, FOL'D 090/90
C14465	D		3a	<5	118	112	<0.2	2	<2	TR PY & PO, CG, FOL'D @ 110/90
C14466	D		4d/3a	<5	114	130	0.4	2	2	? BX? FOL'D @ 090/90
C14467	D		3a	<5	91	108	0.6	2	6	30 cm shear zone @ 100/80N
C14468	E		4a	<5	152	82	0.2	2	2	TR PY + ASPY?, FOL'D @ 080/90
C14469	E		4a	<5	114	62	<0.2	2	<2	TR PY, MASSIVE
C14470	F		13	<5	209	16	<0.2	2	<2	SERP w CARB, SHEAR @ 055/90
C14471	F		13	165	1930	10	0.2	4	<2	ALT'D SERP
C14472	G		3a	<5	54	122	0.2	28	6	TR DISS PY
C14473	G		13c	<5	22	58	0.2	2	2	QEP, 0.5-1% diss py
C14474	G		Qtz vein	<5	55	36	<0.2	2	<2	1-2 cm Qtz vein w py @ 140/65E
C14475	G		3a	10	95	92	0.2	32	2	BARREN, MASSIVE
C14476	N		3a	10	22	66	<0.2	<2	2	TR PY, MASSIVE
C14477	N		3b	15	126	64	<0.2	4	<2	TR PY & PO, FOL'D @ 110/90
C14478	N		3c	10	81	74	<0.2	<2	2	TR PY, MASSIVE
C14479	N		3a	20	102	78	<0.2	<2	6	MASSIVE, BARREN
C14480	N		3a	40	282	84	<0.2	8	8	MASSIVE, BARREN
C14481	N		3a	20	84	70	<0.2	2	<2	TR PY, MASSIVE
C14501	G		CARB	<5	14	18	0.2	2	8	FE-CARB VEIN
C14502	G		3a	<5	68	84	0.2	162	4	FI FLOW, BARREN, MASSIVE
C14503	G		Qtz vein	20	313	24	0.4	2	2	Qtz vein w py
C14504	G		3a	<5	13	112	0.2	18	2	FI FLOW
C14505	H		3a/10a	<5	18	28	<0.2	2	<2	CG FLOW/GABBRO
C14506	H		Qtz vein	<5	1	6	<0.2	2	<2	Qtz vein
C14507	H		12d	<5	1	16	<0.2	2	2	Felsic dyke
C14508	H		13	<5	31	20	<0.2	2	<2	PYROXENITE
C14509	I		3a/10a	<5	05	62	0.2	2	2	CG FLOW/GABBRO TR PY
C14510	I		3a	<5	62	100	<0.2	?	4	
C14511	I		3a/3c	<5	57	11	0.2	2	<2	Contact w flow + pillow, carb
C14512	I		6c	<5	113	120	0.4	24	4	massive crystalline
C14513	I		3a/3c	<5	31	50	<0.2	6	<2	old flow/chert pillowed

## PROJECT : 530 - HUMLIN EXTENSION

SAMPLE NO.	ISLAND LETTER	CHAINAGE	ROCK CODE	Au (ppb)	Cu (ppm)	Zn (ppm)	Ag (ppm)	As (ppm)	Pb (ppm)	COMMENTS
	EINE									
C14514	I		6e	<5	129	1020	0.4	4	14	COSSANOUS, PY
C14515	I		072.16in	<5	464	90	0.4	2	4	PY CONTACT WITH MAGILLITE & FLOW
C14516	I		6e	<5	105	500	0.6	2	4	COSSANOUS, PY
C14517	I		3a	<5	5	34	<0.2	2	2	SIL'D CARB LENSES
C14518	I		3a	<5	57	77	<0.2	14	4	BARREN, MASSIVE
C14519	I		3a	<5	84	86	0.2	2	<2	BARREN, MASSIVE
C14520	I		3a/10a	<5	100	68	<0.2	2	4	CG FLOW/CARRON, TR PY
C14521	J		13?	<5	1	14	<0.2	2	4	
C14522	J		13	<5	16	4	<0.2	2	<2	
C14523	J		3c	<5	89	28	<0.2	2	2	SEAP BILLOWED FLOW, BARREN
C14524	J		6d	10	66	24	0.2	2	<2	GREENWICK, BARREN
C14525	J		3a	10	165	26	0.2	2	<2	1m wide shear zone @ 075/90
530-SWD-001	N		3a	<5	83	74	<0.2	<2	<2	FG, GRN, TR PY, SIL'D
530-SWD-002	N		3a	<5	78	66	<0.2	<2	<2	AS ABOVE, BUT WITH CARB AMYGDALES
530-SWD-003	N		3a	<5	105	144	<0.2	4	<2	FG, GRN, TR PY, CARB, SIL'D, MASSIVE
530-SWD-004	N		3a	<5	95	98	<0.2	<2	<2	FG, GRN, TR PY, MASSIVE
530-SWD-005	N		3a	<5	88	92	<0.2	<2	<2	VFG, BLK, SIL'D, TR PY
530-SWD-006	N		3a	<5	68	110	<0.2	<2	<2	AS ABOVE, WITH MINOR CARB STRS
530-SWD-007	N		3a	<5	40	106	<0.2	<2	<2	AS ABOVE
530-SWD-008	N		3a	<5	58	86	<0.2	32	<2	BLK, FG, TR PY, CARB BUBBLES
530-SWD-009	N		3a	<5	67	112	<0.2	<2	<2	BLK SIL'D, TR PY, Fe-CARB
530-SWD-010	N		3c	<5	91	120	<0.2	2	<2	BLK, BX, TR-0.5% PY (FLOW TOP?)
530-SWD-011	N		3a	<5	71	100	0.2	<2	<2	BLK, FG, TR PY, BX'D
530-SWD-012	N		3a	<5	16	35	0.2	<2	<2	BLK, FG, TR PY, CARB FRACS, MASSIVE
530-SWD-013	N		3c	<5	83	27	<0.2	<2	<2	YOUNGING → 210° DK GRN-BLK
530-SWD-014	N		3c	<5	88	71	<0.2	14	4	DK GRN-BLK, TR-0.5% PY, Fe-CARB
530-SWD-015	N		13c	<5	16	40	0.2	2	<2	REP. TR PY CONTACT @
530-SWD-016	N		3a	<5	93	90	<0.2	36	<2	FG, TR PY 090/85 S
530-SWD-017	N		3a	<5	89	100	0.2	26	<2	FG, GRN, TR PY SHEAR @ 000/60 W, CARB
530-SWD-018	N		3a	<5	82	06	<0.2	<2	<2	FG GRN-BLK TR PY MASSIVE
530-SWD-019	N		3a	<5	60	60	<0.2	6	<2	FG GRN-BLK, TR PY, Fe-CARB
530-SWD-020	N		3a	<5	83	102	<0.2	15	<2	FG, DK GRN, TR-0.5% PY, CARB FRACS
530-SWD-021	N		3a	<5	51	96	<0.2	40	<2	FG, GRN-BLK, TR PY, CARB VESICLES
530-SWD-022	N		3a	<5	133	100	<0.2	<2	<2	FG, GRN-BLK, Fe-CARB
530-SWD-023	N		3a	<5	88	09	<0.2	2	<2	TR PY, GRN-BLK, FG, CARB
530-SWD-024	N		3a	<5	24	28	<0.2	26	<2	FG, GRN-BLK, TR-0.3% PY



## **APPENDIX III**

### **Soil Sample Descriptions**



Errata: The following samples listed as Project 530 (Humlin Option) were actually taken from the Redruth Option property (Project 531):

530-CT-001 through 002  
530-DM-338 through 351  
530-DM-484 through 518  
530-DM-1325 through 1340

Errata: The following samples listed as Project 531 (Redruth Option) were actually taken from the Humlin Option property (Project 530):

531-JC-001  
531-JC-054 through 058  
531-JC-334 through 335  
531-JC-536 through 544  
531-DM-423 through 443  
531-DM-451 through 472  
531-DM-519 through 525  
531-DM-571 through 588  
531-DM-592 through 596  
531-DM-717 through 721  
531-DM-774 through 780  
531-DM-1165 through 1167

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Deveau  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
50-001	23+00E	28+50N	B/C	30	T	30	60	10	✓		↔		✓	1		8				
—	"	28+25	NO SAMPLE: SWAMP																	
—	"	28+00	"	"					"											
—	"	27+75	"	"					"											
—	"	27+50	"	"					"											
002	"	27+25	B/C	30	T	10	90		✓		↔		✓	<1		<2				
003	"	27+00	B	30	O/T	10	30	50	10	✓	↔		✓	1		<2				
004	"	26+75	B	45	O/T	50	40	10		✓	↔		✓	1		4				
005	"	26+50	B	50	T	75	25			✓	↔		✓	<1		<2				
006	"	26+25	B/C	50	T	25	75		✓		↔		✓	<1		<2				
007	"	26+00	B/C	40	T	25	75		✓		↔		✓	<1		<2				
008	"	25+75	B/C	30	T	25	75		✓		S		✓	<1		<2				
009	"	25+50	C	60	T		100		✓		↔		✓	<1		<2				
010	"	25+25	C	50	T		100		✓		↔		✓	2		<2				
011	"	25+00	B/C	40	T	25	75		✓		↔		✓	<1		<2				
012	"	24+75	B/C	40	T	25	75		✓		↔		✓	<1		<2				

NOTES: Composition S sand      Colour B brown   G grey      Water W wet      Slope H high      >20°  
 S silt      O orange   T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark   R red      D dry      L low      0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Dureau  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Redrutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
SD-013	23+00E	24+50N	B/C	40	T		25	75			✓		↔			✓	<1		<2	
014	"	24+25	B	30	O	60	30	10				✓	↔			✓	<1		4	
015	"	24+00	B	30	O/B	75	25				✓		↔			✓	5		14	
016	"	23+75	B	30	T/B	60	30	10			✓		↔			✓	3		24	
017	"	23+50	B	30	O/B	80	20				✓		↔			✓	1		10	
018	"	23+25	B	40	O/T	60	30	10				✓	↔			✓	3		2	
019	"	23+00	B	40	O/B	80	20				✓		↔			✓	21		2	
020	"	22+75	B	40	T	60	30	10			✓		↔			✓	6		<2	
021	"	22+50	B	50	T/O	70	20	10			✓		↔			✓	110		2	
022	"	22+25	B/C	60	T		20	80		✓			↔			✓	<1		<2	
023	"	22+00	B	30	O	60	30	10			✓		↔			✓	2		<2	
024	"	21+75	B	50	T	60	20	20		✓			↔			✓	3		<2	
025	"	21+50	C	30	G		20	80			✓		↔			✓	1		<2	
026	"	21+25	B	30	T	30	30	40			✓		↔			✓	4		<2	
027	"	21+00	B	30	B	30	30	40		✓			S			✓	5		8	
028	"	20+75	B	30	T	20	40	40		✓			↔			✓	<1		<2	

NOTES: Composition S sand      Colour B brown    G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange    T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark      R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S Deveau  
 DATE: July 19-20, 1995

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
50-029	23+00E	20+50N	B	30	0/B	70	20	10		✓		S		✓	10		12			
030	"	20+25	B	25	0	70	20	10			✓	↔		✓	5		6			
031	"	20+00	B	25	0	50	30	20		✓		S		✓	16		2			
032	"	19+75	B	40	0/B	50	30	20			✓	S		✓	3		6			
033	"	19+50	B	15	B	30	30	30	10	✓		↔		✓	8		16			
034	"	19+25	B	25	0/B	70	20	10		✓		S		✓	4		20			
035	"	19+00	B	60	0/B	60	30	10			✓	↔		✓	17		8			
036	"	18+75	B	50	0/B	60	30	10			✓	S		✓	8		10			
037	"	18+50	B	50	T	30	30	40		✓		↔		✓	32		2			
—	"	18+25	NO SAMPLE: SWAMP																	
—	"	18+00	"	"	"					"										
038	24+00E	28+75	B	30	0	50	30	20			✓	S		✓	14		4			
039	"	28+50	B	40	0	50	30	20		✓		↔		✓	15		42			
040	"	28+25	B	50	0/T	60	30	10			✓	↔		✓	24		12			
041	"	28+00	C	50	G	30	60	10			✓	↔		✓	1		2			
042	"	27+75	BC	60	G/T	10	30	60		✓		↔		✓	1		2			

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 C clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Dureau  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
SD-043	24+00E	27+50N	B	30	T/B	40	30	20	10		✓		S			✓	<1		26		
044	"	27+25	B	12	O/B	40	40	20			✓		↔			✓	2		16	Adjacent to trench	
045	"	27+00	B	40	B	40	30	30		✓			↔			✓	2		18		
—	"	26+75	NO SAMPLE: SWAMP																		
046	"	26+50	B	40	O/T	40	30	30			✓		↔			✓	2		14		
047	"	26+25	B	40	O/B	40	40	20			✓		S			✓	9		16		
048	"	26+00	B	50	O/B	60	30	10			✓		S			✓	2		8		
049	"	25+75	B	40	O/T	50	50				✓		↔			✓	<1		4		
050	"	25+50	B/C	50	T	5	35	60			✓		S			✓	<1		2		
051	"	25+25	B/C	40	T/G		25	75			✓		↔			✓	<1		6		
052	"	25+00	B	50	T	60	20	20		✓			↔			✓	<1		2		
053	"	24+75	B/C	50	T	20	30	50		✓			↔			✓	<1		4		
054	"	24+50	B/C	30	OG		20	80		✓			↔			✓	<1		2		
055	"	24+25	B	30	T		40	60			✓		↔			✓	1		4		
056	"	24+00	B/C	30	T		30	70		✓			↔			✓	8		2		
057	"	23+75	B	30	T		30	70			✓		S			✓	2		2		

NOTES: Composition S: sand      Colour E: brown    G: grey      Water W: wet      Slope H: high      > 20°  
 S: silt      O: orange    T: tan      M: moist      M: medium      5° - 20°  
 C: clay      D: dark      R: red      D: dry      L: low      0° - 5°  
 Or: organic      Blk: black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Dureau  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
SD-058	24+00E	23+50N	B	30	T	20	30	50		✓			S		✓		7		2	
059	"	23+25	B	50	O	60	40				✓		S			✓	5		10	
060	"	23+00	B	50	O	70	30					✓	↔			✓	2		10	
061	"	22+75	B	50	O/T	60	40			✓			S			✓	2		10	
062	"	22+50	B	60	T	20	30	50		✓			↔			✓	4		4	
063	"	22+25	B	30	T	75	25			✓			↔			✓	110		2	
064	"	22+00	B/C	30	T/G		25	75		✓			↔			✓	6		4	
065	"	21+75	B	30	O/T	20	50	30		✓			↔			✓	9		2	
066	"	21+50	B	30	B	75	15	10		✓			S			✓	<1		2	
067	"	21+25	B	30	R/B	60	30	10			✓		S		✓		4		14	
068	"	21+00	B	30	T	70	20	10		✓			↔			✓	<1		4	
069	"	20+75	B/C	30	T/G		25	75				✓	↔			✓	1		2	
070	"	20+50	B/C	30	T/G		10	90			✓		↔			✓	2		2	
071	"	20+25	B	40	R/B	60	30	10			✓		↔			✓	4		8	
072	"	20+00	B/C	30	G		20	80		✓			↔			✓	1		2	
073	"	19+75	B/C	30	T		20	80			✓		↔			✓	1		2	

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high      >20°  
 S silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      C dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Deveau  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
50-074	24+00E	19+50N	B	30	O	60	40				✓	↔			✓	17		10		
075	"	19+25	B	50	O	70	30				✓	S			✓	5		10		
076	"	19+00	B	50	T	60	20	20		✓		↔			✓	6		8		
077	"	18+75	B	30	O	70	30				✓	↔			✓	5		10		
078	"	18+50	B	40	O/T	60	20	20		✓		↔			✓	3		8	Top of outcrop edge of swamp	
—	"	18+25		NO	SAMPLE: SWAMP															
—	"	18+00		"	"						"									
079	"	17+75	B/C	30	G		20	80			✓	S	✓			4		4	edge of swamp	
080	"	17+50	B/C	30	G/T		20	80			✓	↔			✓	1		2		
081	"	17+25	B	30	B	40	40	20		✓		S			✓	<1		8		
082	"	17+00	B/C	30	G/T		20	80			✓	↔			✓	1		<2		
083	"	16+75	B	30	O/T	60	20	20		✓		S			✓	13		8		
084	"	16+50	B	30	O	70	30				✓	↔			✓	5		14		
085	"	16+25	B	20	O/T	70	30				✓	S			✓	5		2		
086	"	16+00	B/C	30	T	20	40	40			✓	↔			✓	<1		4		
—	"	15+75		NO	SAMPLE: SWAMP															

NOTES: Composition S sand E brown G grey Water W wet Slope H high >20°  
 S silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Dureau  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
SD-087	24+00E	15+50N	B/C	30	G	30	70			✓	S			✓	<1		<2			
088	"	15+25	B/C	75	G/T	20	80			✓	↔			✓	<1		<2			
089	"	15+00	B/C	40	G/B	20	80			✓	↔			✓	2		<2			
090	"	14+75	B	30	B	50	20	30		✓	↔			✓	<1		2			
091	"	14+50	B	30	O	70	25	5		✓	E			✓	2		10			
092	"	14+25	B	30	B	70	20	10		✓	E			✓	2		30			
093	"	14+00	B	30	O	60	20	20		✓	S	✓			11		8			
094	"	13+75	C	90	G			100		✓	↔			✓	2		2			
095	"	13+50	B/C	30	G	20	80			✓	↔			✓	2		4			
096	"	13+25	B	30	O/T	70	30			✓	S	✓			1		8			
097	"	13+00	B	30	O	70	30			✓	S			✓	3		8			
—	"	12+75	No SAMPLE: SWAMP																	
098	"	12+50	B	30	O	70	30			✓	↔			✓	7		14			
099	"	12+25	B/C	75	G	5	15	80		✓	↔			✓	<1		<2			
100	"	12+00	B	25	B	60	30	10		✓	↔			✓	110		6			
101	"	11+75	B	30	DB	60	20	20		✓	S			✓	5		<2			
102	"	11+50	B/C	30	T	40	20	40		✓	↔			✓	1		2			

NOTES: Composition: S sand      Colour: E brown      G grey      Water: W wet  
 S: silt      O orange      T tan      M: moist  
 Cl: clay      D dark      F red      D: dry      L: low  
 Or: organic      Blk black

Slope: H high      > 20°  
 M medium      5° - 20°  
 L low      0° - 5°



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Langier  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
Hk-001	19+00E	10+00N	B	30	B	75	25			✓		N		✓	6		10			
002	"	10+25	B	30	B	75	25			✓		↔		✓	<1		8			
003	"	10+50	B	30	B	75	25			✓		↔		✓	45		2			
004	"	10+75	B	30	B	75	25			✓		↔		✓	3		16			
005	"	11+00	A-B	30	B	75	25			✓		↔		✓	16		108			
006	"	11+25	A-B	30	B	75	25			✓		↔		✓	7		14			
007	"	11+50	B	30	B	75	25			✓		↔		✓	4		22			
008	"	11+75	B-C	30	T	75	25			✓		↔		✓	3		<2			
009	20+00E	10+50	B-C	30	T	75	25			✓		N	✓		5		30			
010	"	10+75	B-C	30	T	75	25			✓		↔		✓	4		10			
011	"	11+00	B-C	30	T	75	25			✓		↔		✓	4		8			
012	21+00E	11+00	B-C	30	T	75	25			✓		S		✓	2		8			
013	"	11+25	B-C	30	R-B	60	15	15			✓	W		✓	8		28			
014	"	11+50	B	30	T	60	15	15		✓		N	✓		6		44			
015	"	11+75	B	30	T	60	15	15		✓		↔		✓	3		<2			
016	"	12+00	B	30	T	60	15	15		✓		↔		✓	3		10			

NOTES: Composition S: sand      Colour: B: brown    G: grey      Water: W: wet  
 S: silt                              O: orange    T: tan                              M: moist  
 Cl: clay                              D: dark      R: red                              D: dry  
 Or: organic                              Blk: black  
 Slope: H: high                              > 20°  
           M: medium                              5° - 20°  
           L: low                                      0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-017	21+00E	12+25N	B	60	T	50	50			✓			N		✓	1		14		
018	"	12+50	B	30	T	50	50			✓			↔		✓	4		4		
019	"	12+75	B	30	T	50	50			✓			↔		✓	4		2		
020	"	13+00	B	30	T	50	50			✓			↔		✓	1		714		
021	"	13+25	B	30	T	50	50			✓			↔		✓	2		6		
022	"	13+50	B	30	T	50	50			✓			↔		✓	3		18		
023	22+00E	11+50	B	30	T	50	50			✓			↔		✓	1		<2		
024	"	11+75	B	30	T	50	50			✓			↔		✓	4		4		
025	"	12+00	B	30	T	50	50			✓			↔		✓	1		18		
026	"	12+25	B	30	T	50	50			✓			↔		✓	7		24		
027	"	12+50	B	30	T	50	50			✓			↔		✓	39		10		
028	"	12+75	B	30	T	50	50			✓			↔		✓	3		6		
029	"	13+00	B	30	T	50	50			✓			↔		✓	4		6		
030	"	13+25	B	30	T	50	50			✓			↔		✓	1		4		
031	"	13+50	B	30	T	50	50			✓			↔		✓	4		6		
032	"	13+75	B	30	T	50	50			✓			↔		✓	<1		<2		

NOTES: Compositior: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S: silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl: clay      D dark R red      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Longier  
DATE: July 18/95

PROJECT: 531  
LOCATION: Redrutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
HL-033	22+00E	14+00N	B	30	T	50	50			✓			N			✓	2		4	
034	23+00E	17+00	B	30	T	50	50			✓			N			✓	6		2	
035	"	16+75	B-C	30	T	50	50			✓			N			✓	1		<2	
036	"	14+75	B-C	30	T	50	50			✓			N			✓	1		4	
037	"	14+50	B-C	30	T	50	50			✓			N			✓	4		16	
038	"	14+25	B-C	30	T	50	50			✓			N			✓	20		<2	
039	"	14+00	B-C	30	T	50	50			✓			N			✓	5		18	
040	"	13+75	B-C	30	T	50	50			✓			N			✓	330		<2	
041	"	13+50	B-C	30	T	50	50			✓			N		✓		5		20	
042	"	13+25	B-C	30	T	50	50			✓			N		✓		<1		<2	
043	"	13+00	B-C	30	T	50	50			✓			N		✓		1		4	
044	"	12+75	B-C	30	T	50	50			✓			N		✓		3		10	
045	"	12+50	B-C	30	T	50	50			✓			N		✓		4		10	
046	"	12+25	B-C	30	T	50	50			✓			N		✓		7		<2	
048	"	12+00	B-C	30	T	50	50			✓			N		✓		3		6	
049	"	11+75	B-C	30	T	50	50			✓			N		✓		4		<2	

NOTES: Composition E sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 O organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 18-19, 1995

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
HL-050	23+00E	11+50N	B-C	30	T		25	75			✓			N			✓	9		18	
051	"	11+25	B-C	30	T		25	75			✓			N			✓	5		6	
052	"	11+00	B-C	30	T		25	75			✓			N			✓	1		12	
—	22+00E	28+25		NO	SAMPLE : SWAMP																
—	"	28+00		"	"						"										
054	"	27+75	B	30	B		40	50	10		✓			↔			✓	<1		4	
055	"	27+50	B	30	B		40	50	10		✓			↔			✓	<1		<2	
056	"	27+25	B	30	B		40	50	10		✓			↔			✓	2		<2	
057	"	27+00	B	30	B		40	40	20		✓			↔			✓	1		14	
058	"	26+75	B	30	T		20	80			✓			↔			✓	1		<2	
059	"	26+50	B	30	T		20	80			✓			↔			✓	1		<2	
060	"	26+25	B	15	T		20	80			✓			↔			✓	1		2	
061	"	26+00	B	15	T		20	80			✓			↔			✓	<1		8	
062	"	25+75	B	15	T		20	80			✓			↔			✓	3		24	
063	"	25+50	B	15	R/B		20	80			✓			↔			✓	1		30	
064	"	25+25	B	30	B		50	50			✓			N			✓	6		10	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Langier  
DATE: July 19/95

PROJECT: 531  
LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-065	22+00E	25+00N	B	30	R/B		50	50		✓			N		✓	1		12		
066	"	24+75	B-C	30	T	30	30	40		✓			↔		✓	1		20		
067	"	24+50	B-C	30	T		50	50		✓			↔		✓	5		8		
068	"	24+25	B	30	B		50	50		✓			↔		✓	<1		8		
069	"	24+00	B	30	T	30	30	40			✓		↔		✓	3		10		
070	"	23+75	B	30	B	10	30	60			✓		↔		✓	3		4		
071	"	23+50	B	30	B	10	30	60			✓		↔		✓	220		2		
072	"	23+25	B	30	T	10	30	60			✓		↔		✓	<1		12		
073	"	23+00	B	30	T	10	30	60			✓		↔		✓	1		6		
—	"	22+75			NO SAMPLE: SWAMP															
074	"	22+50	B	30	T	10	30	60			✓		↔		✓	<1		4		
075	"	22+25	B	30	T	10	30	60			✓		↔		✓	<1		<2		
076	"	22+00	B	30	B		40	60			✓		N		✓	3		20		
077	"	21+75	B	30	R/B		40	60				✓	S		✓	6		134		
078	"	21+50	B	30	R/B		40	60			✓		S		✓	2		22		
079	"	21+25	B	30	B		40	60			✓		↔		✓	3		8		

NOTES: Composition: S silt, Si silt, Cl clay, O organic  
Colour: E brown, G grey, C orange, T tan, D dark, R red, Blk black  
Water: W wet, M moist, D dry  
Slope: H high (>20°), M medium (5°-20°), L low (0°-5°)

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-080	22+00 E	21+00 N	A-B	30	B	30	50	20	✓				↔		✓	41		36		
081	"	20+75	B	30	T	40	60		✓				↔		✓	4		2		
082	"	20+50	B	30	T	40	60		✓				↔		✓	1		10		
083	"	20+25	B	30	T	40	60		✓				↔		✓	2		10		
084	"	20+00	B	30	B	40	50	10	✓				↔		✓	5		6		
085	"	19+75	B	30	B	40	50	10	✓				S		✓	3		6		
—	"	19+50			NO SAMPLE :				SWAMP											
—	"	19+25			"								"							
—	"	19+00			"								"							
—	"	18+75			"								"							
—	"	18+50			"								"							
—	"	18+25			"								"							
—	"	18+00			"								"							
—	"	17+75			"								"							
—	"	17+50			"								"							
—	"	17+25			"								"							

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Langier  
 DATE: July 19-20, 1995

PROJECT: 531  
 LOCATION: Redcut

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
HL-086	22+00E	17+00N	B	15	B	25	25	50			✓		S		✓		1		2	
087	"	16+75	B	15	B		25	75				✓	S		✓		16		4	
088	25+00E	29+00	B	30	B			100		✓			↔		✓		<1		2	
089	"	28+75	B	30	R-B		50	50			✓		N		✓		3		42	
090	"	28+50	B	30	R-B		75	25			✓		N		✓		21		61	
091	"	28+25	B	30	B	50	25	25			✓		↔		✓		<1		4	
092	"	28+00	B	30	T	50	25	25			✓		↔		✓		<1		<2	
093	"	27+75	B	30	T		50	50		✓			↔		✓		<1		4	
094	"	27+50	B	30	B	50	25	25		✓			↔		✓		<1		2	
095	"	27+25	B	30	B	50	25	25			✓		↔		✓		7		6	
096	"	27+00	B	30	B		50	50			✓		S		✓		1		8	
097	"	26+75	B	30	B		50	50			✓		S		✓		2		8	
098	"	26+50	B	30	B		25	75			✓		↔		✓		2		18	
	"	26+25	NO SAMPLE:						SWAMP											
099	"	26+00	B	30	B		25	75			✓		↔		✓		4		132	
100	"	25+75	B	30	B		25	75			✓		↔		✓		10		6	

NOTES: Compositior S: sand      Colour B: brown G: grey      Water W: wet      Slope H: high      > 20°  
 S: silt      C: orange T: tan      M: moist      M: medium      5° - 20°  
 Cl: clay      D: dark R: red      D: dry      L: low      0° - 5°  
 O: organic      Blk: black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-101	25+00E	25+50N	B	30	R/B	50	50			✓			↔			✓	2		4	
102	"	25+25	B	30	B	50	50			✓			S			✓	<1		6	
103	"	25+00	B	30	B	50	50			✓			S			✓	<1		2	
104	"	24+75	B	30	B	25	75			✓			↔			✓	2		2	
—	"	24+50	NO SAMPLE:				SWAMP													
—	"	24+25	"	"	"					"										
—	"	24+00	"	"	"					"										
—	"	23+75	"	"	"					"										
105	"	23+50	B	30	R/B	50	50			✓			N			✓	1		2	
106	"	23+25	B	30	R/B	50	50			✓			S			✓	7		<2	
107	"	23+00	B	30	B	50	50			✓			N			✓	2		<2	
108	"	22+75	B	30	B	50	50			✓			S			✓	1		<2	
109	"	22+50	B	30	B	25	50			✓			N			✓	<1		2	
110	"	22+25	B	30	B	25	75			✓			N			✓	1		2	
111	"	22+00	B	30	B	25	75			✓			N			✓	3		2	
112	"	21+75	B	30	B	50	50			✓			N			✓	1		<2	

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S: silt      O orange T tan      M: moist      M: medium 5° - 20°  
 Cl: clay      D dark R red      D: dry      L: low 0° - 5°  
 Or: organic      Blk black



PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Longier  
 DATE: July 20 195

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-113	25700E	21750N	B	30	B	75	25			✓			↔		✓	1		2		
114	"	21725	B	30	B	75	25			✓			N		✓	1		4		
115	"	21700	B	30	B		50	50		✓			N		✓	<1		6		
116	"	20775	B	30	B		50	50		✓			N	✓		6		20		
117	"	20750	B	30	B		50	50		✓			N	✓		3		18		
118	"	20725	B	30	B		50	50		✓			↔		✓	4		6		
119	"	20700	B	30	B		50	50		✓			S		✓	9		4		
120	"	19775	B	30	B		50	50		✓			S		✓	3		4		
—	"	19750			NO SAMPLE: SWAMP															
—	"	19725			"					"										
—	"	19700			"					"										
—	"	18775			"					"										
—	"	18750			"					"										
—	"	18725			NO SAMPLE: OUTCROP															
121	"	18700	A-B	10	B		50	50		✓			S	✓		3		50		
122	"	17775	B	30	B		25	75		✓			S		✓	<1		<2		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Longier  
DATE: July 20/95

PROJECT: 531  
LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm			
HL-123	25+00E	17+50N	B	30	B		25	75			✓			S			✓	1		6		
—	"	17+25	NO SAMPLE: SWAMP																			
124	"	17+00	C	60	T		100			✓				←			✓	17		4		
125	"	16+75	B	30	R/B		25	75			✓			←			✓	<1		4		
126	"	16+50	B	30	T	50	25	25		✓				←			✓	21		12		
127	"	16+25	B	30	T	50	25	25		✓				←			✓	<1		10		
128	"	16+00	B	30	B	50	25	25		✓				S	✓			5		16		
—	"	15+75	NO SAMPLE: SWAMP																			
—	"	15+50	"	"	"					"												
—	"	15+25	"	"	"					"												
129	"	15+00	B	30	R/B	50	50			✓				N			✓	5		36		
130	"	14+75	B	30	R/B	50	50			✓				S			✓	4		24		
131	"	14+50	B	30	T	50	50			✓				S			✓	2		4		
132	"	14+25	B	30	T	50	50			✓				←			✓	3		12		
—	"	14+00	NO SAMPLE: SWAMP																			
—	"	13+75	"	"	"					"												

NOTES: Composition S: sand      Colour E: brown    G: grey      Water    W: wet  
 S: silt                              O: orange    T: tan                              M: moist  
 Cl: clay                              D: dark      R: red                              D: dry  
 Or: organic                          Blk: black  
 Slope H: high                              > 20°  
           M: medium                            5° - 20°  
           L: low                                    0° - 5°

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Congier  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Radrata

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm	
—	2510DE	13+50N		NO	SAMPLE: SWAMP																
Hk-133	"	13+25	B	30	R/B	50	50			✓			N			✓	2		24		
134	"	13+00	B	30	T	50	50			✓			N			✓	<1		2		
135	"	12+75	B	30	T	50	50			✓			N			✓	4		<2		
136	"	12+50	B	30	B	50	25	25		✓			↔			✓	20		<2		
137	"	12+25	B	30	B	50	25	25		✓			↔			✓	<1		4		
138	"	12+00	B	30	R/B	25	50	25		✓			↔			✓	<1		6		
139	"	11+75	B	30	R/B	25	50	25		✓			N			✓	<1		26		
140	"	11+50	B	60	B	50	25	25		✓			N			✓	6		6		
141	"	11+25	B	30	B	50	50			✓			N			✓	<1		28		
142	"	11+00	B	30	R/B	50	50			✓			N			✓	<1		18		

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high      >20°  
 S: silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 O: organic      Blk black

SAMPLER: Chint Tracy  
 DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	L1600	1800																		
—	"	1775																		
—	"	1750																		
—	"	1725																		
—	"	1700																		
—	"	1675																		
CF001	"	1650	B	30	B	50	50			M	NW	M		41		8				
002	"	1625	B	30	B	50	50			M	N	A		15		26				
003	"	1600	B	20	B	90	10			M	NW		L	3		2				
004	"	1575	B	30	B	50	50			M	NE		L	4		6				
005	"	1550	B	30	D/B	70	80			M	NE	M		2		6				
006	"	1525	B	20	B	30	80		W		E		L	41		2				
007	"	1500	B	10	B	50	50			M	SE	M		3		16				
008	"	1475	B	20	B	50	50			M	SE	M		41		42				
009	"	1450	B	30	R/B	70	80			M	NE	M		41		16				
010	"	1425	B	25	B	30	70			M	E		L	2		6				

SWAMP

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      > 20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - Tan  
                          R - Red  
                          D - Dark



SAMPLER: Clint Tracy  
 DATE: July 4/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
CT-021	L15'00	11'75	B	30	O/B	70	30			M	NW		L	1		8				
022	"	12'00	B	30	B	40	60			M	NW		M	16		8				
023	"	12'25	B	35	B	60	40			M	NW		M	<1		12				
024	"	12'50	B	20	B	50	50			M	NW		L	<1		<2				
025	"	12'75	B	30	B	60	40			M	N	H		6		<2				
026	"	13'00	B	40	B	30	40	30		W	NW		L	<1		4				
027	"	13'25	B	20	B	40	60			M	NW		L	<1		6				
028	"	13'50	B	20	O/B	60	40			M	NW		L	<1		<2				
029	"	13'75	A/B	30	G/B	30	70			M	NW		L	3		<2				
030	"	14'00	B	20	O/B	70	30			M	NW		L	10		6				
031	"	14'25	A/B	40	G/B	10	90			M	NW		L	<1		<2				
032	"	14'50	B	30	B	80	20			M	W		L	3		2				
033	"	14'75	B	30	B		10	90		M	SW		M	<1		8				
034	"	15'00	B	40	B	50	50			M	SW	H		3		<2				
035	"	15'25	B	30	B	90	10			M	NW		M	<1		14				
036	"	15'50	B	30	O/B	80	20			M	NW		M	<1		2				

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      >20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - tan  
                          R - red  
                          D - dark

SAMPLER: Clint Tracy

DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531

LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
037	L15'00	15'75	A/B	20	R/B	70	60	20			NW	H			14		48			
038	"	16'00	B	40	B	80	10	10			N		L	20		22				
---	"	16'25	SWAMP N/S																	
---	"	16'50	OUTCROP N/S																	
---	"	16'75	OUTCROP N/S																	
039	"	17'00	B/C	30	G/B	20	80				S		L	41		42				
040	"	17'25	B	40	B	30	20				NE		L	41		42				
---	"	17'50	OUTCROP N/S																	
041	"	17'75	B	40	B	50	50				S	M	L	41		2				
042	"	18'00	B	20	B	90	10				N		L	41		12				
043	"	18'25	B	30	B	70	30				N		L	41		6				
044	"	18'50	B	35	B	100					N	M	L	5		2				
---	"	18'75	SWAMP N/S																	
---	"	19'00	SWAMP N/S																	
---	"	19'25	SWAMP N/S																	
---	"	19'50	SWAMP N/S																	

NOTES: Composition S sand, Si silt, Cl clay, Or organic  
 Colour B - Brown, G - Grey, O - Orange, T - Tan, R - Red, D - Dark  
 Water W wet, M moist, D dry  
 Slope H high (>20°), M medium (5°-20°), L low (0°-5°)

SAMPLER: Clint Tracy  
 DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Rockwell

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	L15'00	19'75																		
—	"	20'00																		
—	"	20'25																		
—	"	20'50																		
CT-045	"	20'75	B	50	B	100				W		SW		L	2		42			
046	"	21'00	B	50	B	100				W		SW		L	24		14			
047	"	21'25	B	40	O/B	100				M		S		L	11		4			
048	"	21'50	B	60	O/B	90/10				M		S	H		41		4			
049	"	21'75	B	40	B	80/20				M		S		L	1		4			
050	"	22'00	B	30	O/B	90/10				M		SW		L	2		8			
051	"	22'25	B	30	O/B	90/10				M		W		L	1		4			
052	"	22'50	B	40	O/B	90/10				M		W		L	41		6			
053	"	22'75	B	40	O/B	90/10				M		S		L	41		4			
054	"	23'00	B	20	O/B	60/40				M		SE	M		1		2			
055	"	23'25	B	20	O/B	60/40				M		SE	M		2		42			
056	"	23'50	B	40	O/B	60/40				M		SE	M		4		42			

SWAMPY

NOTES: Composition S - sand      Colour B - Brown      Water W - wet      Slope H - high      > 20°  
 Si - silt      G - Grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - Orange      D - dry      L - low      0° - 5°  
 Or - organic      T - Tan  
                                  R - Red  
                                  D - Dark



SAMPLER: Clint Tracy  
 DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
CT-057	45°00'E	23'75	B	40	O	90	10			M	S		L	41		4				
058	"	24'00	B	40	O/B	40	60			M	SW		L	5		6				
059A	"	24'25	B	30	B	90	10		W		S		L	5		12				
059B	"	24'50	B	30	B	90	10			M	S	H		16		42				
060	"	24'75	B	30	O/B	90	10			M	S	M	L	41		10				
061	"	25'00	B	30	O/B	70	30			M	SW	M	L	1		6				
062	"	25'25	B	30	B	90	10			M	S	M	L	3		12				
063	"	25'50	B	30	O/B	100				M	SW		L	3		8				
064	"	25'75	B	20	B	100				M	SW		L	3		8				
065	"	26'00	B	30	O/B	90	10			M	SW		L	3		18				
066	"	26'25	B	20	O/B	100				M	NW		L	7		24				
067	"	26'50	B	30	B	50	50			M	NW	M		2		108				
068	"	26'75	B	30	B	60	40		W		NW	H		4		6				
069	"	27'00	B	30	O/B	90	10			M	NW	M	L	41		42				
070	"	27'25	B	20	B	70	30			M	NW	M	L	41		4				
071	"	27'50	A/B	20	G/B	40	40	20		M	NE	H		2		2				

NOTES: Composition S sand      Colour B - Brown      Water W wet      Slope H high > 20°  
 Si silt      G - Grey      M moist      M medium 5° - 20°  
 Cl clay      O - Orange      D dry      L low 0° - 5°  
 Or organic      T - Tan  
                          R - Red  
                          D - Dark



SAMPLER: Clint Tracy  
 DATE: July 18/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Butte

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
CT-081	18E	9+50	B	30	R/B	80	20			M			S			L	2		14	
082	"	9+75	B	30	R/B	60	40			M			N			L	12		50	
083	"	10+00	B	30	R/B	20	80			M			N			L	5		64	
084	"	10+25	B/C	30	B	40	60			M			N			L	1		8	
085	"	10+50	B	20	B	80	20			M			W		M		6		16	
086	"	10+75	B	30	G/B	50	50			M			W		M		0		4	
087	"	11+00	B	40	R/B	90	10			M			Flat			L	5		20	
088	"	11+25	B	20	R/B	80	20			M			NW			L	40		14	In OB
089	"	11+50	B	30	R/B	20	80			M			N	H			2		16	On O/C
090	"	11+75	B	30	R/B	10	90			M			N	H			20		30	"
091	"	12+00	B	30	R/B	30	70			M			N	H			4		10	"
092	"	12+25	B	30	R/B	30	70			M			N	H			2		8	"
093	"	12+50	B	30	R/B	40	60			H			N	H			4		24	Bottom of O/C
	"	12+75			N/S															
095	"	13+00	B	50	G/B	90	10			H			Flat			L	11		6	Bottom of O/C
096	"	13+25	B	50	R/B	70	30			M			S			L	2		16	

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      > 20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - Tan  
                          R - Red  
                          D - Dark

SAMPLER: Clint Tracy  
 DATE: July 18/95

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Redkith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
CF097	18E	13+50	B	30	R/B	30	70			M		S			L	2		6		
098	"	13+75	B	40	G/B	30	70			M		W			L	1		2		
099	"	14+00	C	40	G		100			M		S			L	41		14		
100	"	14+25	B/C	30	G/B	10	90			M		SE	M			1		42		
101	"	14+50	B/C	50	G/B	20	80			M		E	M			2		42	Bottom of d/c	
102	"	14+75	B/C	30	G/B	90	10			M		SE	M			2		8		
103	"	15+00	B	30	R/B	30	70			W		flat			L	2		42	Boulders	
104	"	15+25	B	20	G/B	80	20			M		N	M			1		4		
—	"	15+50	SWAMP N/S																	
—	"	15+75	SWAMP N/S																	
—	"	16+00	SWAMP N/S																	
108	"	16+25	B	60	R+G/B	10	90			W		flat			L	41		42	edge of swamp	
109	"	16+50	B	30	B	50	50			M		S	H			41		6	Boulders	
110	"	16+75	B	20	G/B	40	60			M		SW	M			1		42	"	
111	"	17+00	B/C	40	G/B	40	30	30		M		S			L	11		4		
112	"	17+25	B	30	R/B	50	50			M		flat			L	41		16	near old trench	

NOTES: Composition S sand      Colour B - Brown      Water W wet      Slope H high > 20°  
 Si silt      G - Grey      M moist      M medium 5° - 20°  
 Cl clay      O - Orange      D dry      L low 0° - 5°  
 Or organic      T - Tan  
                  R - Red  
                  D - Dark

SAMPLER: Clint Tracy  
 DATE: July 18/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redpath

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
CF-113	18E	17+50	B	30	B	50	50			W		N	M		1		42	near old trench		
114	"	17+75	B	30	G/B	40	60				M	N		L	41		8			
115	"	18+00	B	40	R/B	40	60				M	W	M		41		42			
116	"	18+25	B/C	30	G/B	80	20				M	flat		L	23		26			
117	"	18+50	B	30	R/B	40	60				M	flat		L	3		42			
118	"	18+75	B	20	G/B	10	90					D	flat		L	41	18	Boulders		
119	"	19+00	B	30	R+G/B	90	10			W		flat		L	2		42	"		
120	"	19+25	B	30	G	10	90					D	flat		L	1	42	"		
121	"	19+50	B	30	R/B	60	40				M	N	M		41		12			
122	"	19+75	B	30	R/B	30	70				M	N		L	2		8			
---	"	20+00																		
---	"	20+25																		
---	"	20+50																		
---	"	20+75																		
---	"	21+00																		
---	"	21+25																		

SWAMP N/S

NOTES: Composition S - sand      Colour G - Grey      Water W - wet      Slope H - high > 20°  
 Si - silt      O - Orange      M - moist      M - medium 5° - 20°  
 Cl - clay      T - Tan      D - dry      L - low 0° - 5°  
 Or - organic      R - Red  
 D - Dark



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Clint Yancy  
 DATE: July 13/95

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
	18E	25+50																		
	"	25+75																		
	"	26+00																		
	"	26+25																		
	"	26+50																		
	"	26+75																		
	"	27+00																		
	"	27+25																		
	"	27+50																		
	"	27+75																		
	"	28+00																		
	"	28+25																		
	"	28+50																		
	"	28+75																		
	"	29+00																		

NO SAMPLE SWAMP

NOTES: Composition S sand      Colour B - Brown      Water W wet      Slope H high      > 20°  
 Si silt      G - Grey      M moist      M medium      5° - 20°  
 Cl clay      O - Orange      D dry      L low      0° - 5°  
 Or organic      T - Tan  
                  R - Red  
                  D - Dark

SAMPLER: Clint Tracy  
 DATE: July 19/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
CT-143	19E	1475	B/C	60	G/B	80	20			W			flat			L	<1		<2	edge of lake
144	"	15+00	B	30	R/B	70	30				M		SW		M		<1		<2	
145	"	15+25	B	30	G/B	10	90				M		flat			L	1		<2	
146	"	15+50	C	40	G/B		100				M		flat			L	<1		<2	
147	"	15+75	B	30	G/B	9	50				M		flat			L	2		4	
148	"	16+00	B	50	R+G/B	40	60			W			flat			L	<1		<2	
149	"	16+25	B	30	R/B	20	80			W			flat			L	3		68	bottom of O/C
150	"	16+50	C	50	G/B		100				M		S			L	<1		<2	
151	"	16+75	B	40	R/B	50	50				M		S		M		<1		2	
152	"	17+00	C	30	G/B		100			W			W			L	<1		<2	near O/C near trench
153	"	17+25	B	30	G/B	90	10			W			S			L	<1		2	
154	"	17+50	B	30	R/B	70	30				M		S			L	10		6	
155	"	17+75	B	30	R/B	30	70				M		flat			L	<1		6	
156	"	18+00	B	30	R/B	30	70				M		N			L	<1		16	
157	"	18+25	B	30	G/B	70	30				M		flat			L	<1		10	bottom of O/C
158	"	18+50	B	30	R+G/B	70	30				M		N			L	7		8	

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      >20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - tan  
                          R - red  
                          D - dark





SAMPLER: Clint Tracy  
 DATE: July 19/95

PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Redpath.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
	ME	22+75			SWAMP N/S															
CT-176	"	23+00	C	40	R/B	100			M		S			L	41		42			
177	"	23+25	C	40	R/B	100			M		flat			L	41		8			
178	"	23+50	C	100	G	100		W			flat			L	41		42			
	"	23+75																		
	"	24+00																		
	"	24+25																		
	"	24+50																		
	"	24+75																		
	"	25+00																		
	"	25+25																		
	"	25+50																		
	"	25+75																		
	"	26+00																		
	"	26+25																		
179	"	26+50	C	30	G/B	100			M		flat			L	41		42			

SWAMP N/S

NOTES: Composition S sand Colour B - brown Water W wet Slope H high > 20°  
 Si silt G - grey M moist M medium 5° - 20°  
 Cl clay O - orange D dry L low 0° - 5°  
 Or organic R - red  
 D - dark

PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Clint Tracy  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Red Kent

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
CF-180	19E	26+75	B/C	60	G/B	70	80				flat		L	1		16				
	"	27+00	SWAMP			N/S														
	"	27+25	SWAMP			N/S														
181	"	27+50	C	40	G		100				flat		L	<1		4				
182	"	27+75	C	40	G		100				flat		L	<1		<2				
	"	28+00	BOG			N/S														
183	"	28+25	B/C	40	G	70	80				flat		L	1		6				
184	"	28+50	B	40	R/B	90	10				flat		L	<1		6	Tr. Pyrite			
185	"	28+75	C	40	G		100				flat		L							
186	"	29+00	B	40	R/B	90	10				flat		L				Bottom of O/C, Pyrite			
	"	29+25	SWAMP			N/S														
	"	29+50	SWAMP			N/S														
	"	29+75	SWAMP			N/S														
	"	30+00	SWAMP			N/S														

NOTES: Composition S sand Colour G - Grey Water W wet Slope H high > 20°  
 Si silt O - Orange M moist 5° - 20°  
 Cl clay T - Tan D dry 0° - 5°  
 Or organic R - Red D - Dark

SAMPLER: Clint Tracy  
 DATE: July 20/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Poth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
C-190	26E	28+75	B	30	R/B	50	50			M		N		L	<1		40	O/C		
191	"	28+50	B	30	R/B	80	20			M		N		L	4		52			
192	"	28+25	B	30	R/B	30	70			M		flat		L	4		20			
193	"	28+00	B	30	R/B	80	20			M		S	M	L	<1		2			
194	"	27+75	C	30	G/B		100			M		flat		L	<1		2			
195	"	27+50	B	30	R/B	50	50			W		flat		L	8		2			
196	"	27+25	B	40	R/B	70	30			W		N		L	1		14	Bottom of O/C py. on O/C		
197	"	27+00	B	30	R/B	30	70			M		N	M	L	<1		8			
198	"	26+75	B	30	R/B	30	70			M		S	M	L	<1		28			
199	"	26+50	B	30	R/B	50	50			M		S	M	L	2		12			
200	"	26+25	B/C	40	B	80	20			W		flat		L	<1		4			
201	"	26+00	B	40	R/B	30	70			M		flat		L	1		8			
202	"	25+75	C	30	G/B		100			M		S		L	<1		2			
203	"	25+50	B	30	G/B	10	90				D	N		L	<1		2			
204	"	25+25	B	40	R/B	30	70			M		S		L	2		2			
205	"	25+00	B/C	30	G	80	20				D	S		L	<1		2			

NOTES: Composition S sand Colour B - Brown W Water W wet Slope H high > 20°  
 Si silt G - Grey M moist 5° - 20°  
 Cl clay O - Orange D dry 0° - 5°  
 Or organic T - Tan R - Red D - Dark

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Clint Tracy  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
206	26E	24+75	C	60	G/B		100		W				flat			L	<1		2	Swamp
207	"	24+50	C	60	G/B		100		W				flat			L	<1		2	"
208	"	24+25	C	60	G		100			M			flat			L	<1		2	
—	"	24+00																		
—	"	23+75																		
—	"	23+50																		
—	"	23+25																		
—	"	23+00																		
—	"	22+75																		
—	"	22+50																		
—	"	22+25																		
—	"	22+00																		
—	"	21+75																		
209	"	21+50	B	40	R/B	70	30			M			flat			L	7		2	bottom of OK
210	"	21+25	B	40	R/B	50	50			M			N	M			<1		6	side of B/C
211	"	21+00	B	40	R/B	30	70			M			N	M			1		6	"

*SWAMP*

NOTES: Composition S sand      Colour B - Brown      Water W wet      Slope H high > 20°  
 Si silt      G - Grey      M moist      M medium 5° - 20°  
 Cl clay      O - Orange      D dry      L low 0° - 5°  
 Or organic      T - Tan  
                  R - Red  
                  D - Dark

SAMPLER: Clint Tracy  
 DATE: July 20/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
212	26E	20+75	B	20	R/G/B	50	50			M		flat		L	3		2	on o/c to Ry.		
213	"	20+50	B	30	R/G/B	80	20			W		S		L	3		8	on o/c		
214	"	20+25	B	30	R/B	80	20			M		S		L	2		14	"		
215	"	20+00	B/C	30	G	30	80			M		flat		L	41		2			
216	"	19+75	B/C	40	G/B	60	40			M		N		L	3		14			
217	"	19+50	B	40	R/B	60	40			M		N		L	5		6	on o/c		
218	"	19+25	B	30	R/B	30	70			M		S		L	2		4	bottom of o/c		
219	"	19+00	B	30	R/B	60	40			M		S		L	41		2	"		
220	"	18+75	B	30	G/B	70	30			M		N	M		7		14	side of o/c		
221	"	18+50	B	40	R/B	80	20			M		flat		L	11		2			
222	"	18+25	B	40	R/B	80	20			M		flat		L	8		22	o/c		
223	"	18+00	B	40	R/B	90	10			W		N		L	41		24			
224	"	17+75	B	40	R/B	70	30			W		flat		L	2		4			
225	"	17+50	B	40	G	10	90			M		flat		L	28		2			
226	"	17+25	B	60	R/B	50	50			W		flat		L	41		2	marsh		
227	"	17+00	B	50	R/B	30	70			W		N	M		1		4	side of o/c		

NOTES: Composition S sand Colour B - brown Water W wet Slope H high > 20°  
 Si silt G - grey M moist 5° - 20°  
 Cl clev O - orange D dry L low 0° - 5°  
 Or organic R - red  
 D - dark

SAMPLER: Christ Tracy  
 DATE: July 20/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: RockRuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
	26E	1475																		
	"	15+00																		
	"	15+25																		
	"	15+50																		
	"	15+75																		
CT-231	"	16+00	C	50	G/B	100			M		Hgt		L	<1		2		Swamp		
230	"	16+25	B	30	R/B	30/70			M		S		M	<1		10		"		
229	"	16+50	B/C	40	R/B	80/20			W		S		M	1		4		on/c		
228	"	16+75	B	40	R/B	50/50			W		S		L	1		2				

SWAMP N/S

NOTES: Composition S sand Colour B - Brown G - Grey O - Orange T - Tan R - Red D - Dark  
 Water W wet M moist D dry Slope H high >20° M medium 5° - 20° L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Clint Tracy  
DATE: July 20/95

PROJECT: 531  
LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS		
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm	
GT-242	26+00	10+75	B	30	R/B	90	10				✓		E			✓	5		2		
241	"	11+00	B	30	R/B	70	30				✓		E			✓	1		2	on o/c	
—	"	11+25			NO SAMPLE: OUTCROP																
240	"	11+50	B/C	40	R/B	80	20				✓		N			✓	7		2	side of o/c	
239	"	11+75	B	60	R/B	90	10			✓			↔			✓	5		2		
—	"	12+00			NO SAMPLE: SWAMP																
238	"	12+25	B	30	R/B	70	30				✓		↔			✓	<1		10		
237	"	12+50	B	30	R/B	20	80				✓		N			✓	<1		40		
236	"	12+75	B/C	50	G/B	60	40				✓		↔			✓	14		2	bottom of o/c	
235	"	13+00	B/C	50	R/G/B	70	30			✓			↔			✓	16		2		
234	"	13+25	B	30	G/B	50	50				✓		S			✓	2		2		
233	"	13+50	B	30	R/B	80	20				✓		N		✓		<1		6	side of o/c	
232	"	13+75	B/C	60	G/B	70	30				✓		↔			✓	<1		2	bottom of o/c	
—	"	14+00			NO SAMPLE: SWAMP																
—	"	14+25			"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
—	"	14+50			"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high >20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black



SAMPLER: Clint Tracy  
 DATE: July 24/95

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Red Point

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
	3/E	10+25																		
	"	10+50	SWAMP N/S																	
	"	10+75																		
	"	11+00																		
CT-250	"	11+25																	B	30
	"	11+50	SWAMP N/S																	
	"	11+75																		
	"	12+00																		
	"	12+25																		
251	"	12+50	B/C	30	G/B	20	80			W			flat	L	<1		2			
252	"	12+75	B/C	30	G/B	20	80			W			flat	L	<1		<2			
253	"	13+00	B	30	G	10	90				O		flat	L	13		2			
254	"	13+25	B	40	G/B	90	20			W			flat	L	<1		4			
255	"	13+50	B	40	R/G/B	30	70			M	N			L	<1		4			
256	"	13+75	B	40	R/B	30	70			M	N	M		L	7		12			
257	"	14+00	B	40	R/B	50	50			W	N	M		L	4		6			

NOTES: Composition S sand Colour B - brown Water W wet Slope H high > 20°  
 Si silt G - grey M moist M medium 5° - 20°  
 Cl clay O - orange D dry L low 0° - 5°  
 Or organic R - red  
 D - dark

SAMPLER: Clint Tracy  
 DATE: July 24/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	31E	14+25																		
—	"	14+50																		
CF-258	"	14+75	B/C	50	G/B	20	80			W			flat		L	4		42	along creek	
259	"	15+00	B/C	50	G/B	20	80			W			flat		L	2		10	"	
260	"	15+25	C	40	G/B		100			M			flat		L	4		42	"	
261	"	15+50	C	40	G/B		100			M			flat		L	3		8		
262	"	15+75	B/C	40	G/B	20	80			M			flat		L	2		42		
263	"	16+00	B/C	40	G/B	10	60	30		M			S		L	5		2		
264	"	16+25	B	30	R/B	40	60			M			S		L	4		6	bottom of o/c	
265	"	16+50	C	30	R/B		100			M			flat		L	4		8		
266	"	16+75	B/C	30	G/B	70	30			W			flat		L	2		42		
267	"	17+00	B	30	G/B	20	80			M			flat		L	1		2		
268	"	17+25	C	30	R/B		100			M			flat		L	4		8		
269	"	17+50	B/C	30	G	80	20			M			flat		L	4		42		
270	"	17+75	B/C	30	G	60	40			W			flat		L	4		42		
271	"	18+00	B/C	30	G	20	80			M			flat		L	4		42		

NOTES: Composition S sand Colour S - Brown, G - Grey, O - Orange, T - Tan, R - Red, D - Dark  
 Water W wet, M moist, D dry  
 Slope H high (>20°), M medium (5° - 20°), L low (0° - 5°)

SAMPLER: Clint Macy  
 DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
272	31E	18+25	B/C	30	R/B	60	40			M			flat		L	1		42		
273	"	18+50	B/C	30	R/B	60	40			M			flat		L	4		42		
274	"	18+75	B/C	30	R/B	20	80			M			flat		L	1		42		
275	"	19+00	B	30	R/B	40	40	20		M			w		L	1		6		
	"	19+25	SWAMP N/S																	
	"	19+50	SWAMP N/S																	
276	"	19+75	B	30	R/B	50	50			M			S		L	3		2		
277	"	20+00	B	30	R/B	20	80			M			flat		L	4		4		
278	"	20+25	B	30	R/B	60	40			M			E	M		3		2	o/c	
279	"	20+50	B	30	R/B	60	40			M			flat		L	5		2		
	"	20+75	SWAMP N/S																	
	"	21+00	SWAMP N/S																	

NOTES: Composition S sand Colour B - Brown Water W wet Slope H high >20°  
 Si silt G - Grey M moist M medium 5° - 20°  
 Cl clay O - Orange T - Tan D dry L low 0° - 5°  
 Or organic R - Red D - Dark

SAMPLER: J. Campbell  
DATE: July 7/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
LOCATION: Red Hill

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
	<u>7E</u>	<u>1925</u>		<u>SWAMP</u>		<u>N/S</u>														
<u>IC-045</u>	<u>"</u>	<u>19'00</u>	<u>B/C</u>	<u>30</u>	<u>B/G</u>			<u>100</u>		<u>M</u>	<u>flat</u>		<u>L</u>	<u>2</u>		<u>2</u>				
<u>046</u>	<u>"</u>	<u>18'75</u>	<u>B/C</u>	<u>35</u>	<u>B/G</u>			<u>100</u>		<u>D</u>	<u>flat</u>		<u>L</u>	<u>2</u>		<u>42</u>				
<u>047</u>	<u>"</u>	<u>18'50</u>	<u>B/C</u>	<u>35</u>	<u>B/G</u>	<u>50</u>	<u>50</u>			<u>D</u>	<u>N</u>		<u>L</u>	<u>41</u>		<u>42</u>				
<u>048</u>	<u>"</u>	<u>18'25</u>	<u>B/C</u>	<u>35</u>	<u>B/G</u>			<u>100</u>		<u>M</u>	<u>N</u>		<u>L</u>	<u>&lt;1</u>		<u>8</u>				
<u>049</u>	<u>"</u>	<u>18'00</u>	<u>B</u>	<u>35</u>	<u>B</u>	<u>25</u>	<u>75</u>		<u>W</u>		<u>N</u>		<u>L</u>	<u>2</u>		<u>42</u>				
<u>050</u>	<u>"</u>	<u>17'75</u>	<u>B</u>	<u>30</u>	<u>R/B</u>	<u>75</u>	<u>25</u>		<u>W</u>		<u>S</u>		<u>L</u>	<u>7</u>		<u>42</u>				
<u>051</u>	<u>"</u>	<u>17'50</u>	<u>B</u>	<u>35</u>	<u>R/B</u>	<u>20</u>	<u>80</u>		<u>W</u>		<u>S</u>		<u>L</u>	<u>4</u>		<u>2</u>				
<u>052</u>	<u>"</u>	<u>17'25</u>	<u>B/C</u>	<u>35</u>	<u>G</u>	<u>75</u>	<u>25</u>		<u>M</u>		<u>S</u>		<u>L</u>	<u>41</u>		<u>42</u>				
<u>053</u>	<u>"</u>	<u>17'00</u>	<u>B</u>	<u>35</u>	<u>R/B</u>	<u>50</u>	<u>50</u>		<u>M</u>		<u>S</u>		<u>L</u>	<u>15</u>		<u>42</u>				

NOTES: Composition S sand      Colour B - Brown      Water W wet      Slope H high      >20°  
                Si silt                          G - Grey                          M moist                          M medium                          5° - 20°  
                Cl clay                            O - Orange                          D dry                                  L low                                  0° - 5°  
                Or organic                        T - Tan                                 D - Dark

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 10/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE (E)	CHAINAGE (M)				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
JC-059	9+00	35+00	B/C	20	G/B	25	75			✓			↔			✓	1		<2	
060	"	34+75	B/C	20	G	50	50			✓			S		✓		2		<2	
061	"	34+50	B/C	20	G/B	100				✓			N		✓		1		<2	
062	"	34+25	B	35	G/O	25	25	50		✓			NW		✓		13		2	
—	"	34+00		NO	SAMPLE: OUTCROP															
063	"	33+75	B	25	O/B	75	25			✓			N		✓		14		12	
—	"	33+50		NO	SAMPLE: OUTCROP															
064	"	33+25	B	20	B	50	50			✓			↔		✓		1		<2	
065	"	33+00	B	30	B	75	25			✓			S		✓		1		<2	
—	"	32+75		NO	SAMPLE: SWAMP															
—	"	32+50		"	"					"										

NOTES: Composition E sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Bl black

SAMPLER: A. Campbell  
 DATE: July 7/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: RedRuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
—	7E	23'25																		
—	"	23'00																		
—	"	22'75																		
—	"	22'50																		
—	"	22'25																		
—	"	22'00																		
—	"	21'75																		
—	"	21'50																		
—	"	21'25																		
—	"	21'00																		
JC-039	"	20'75	B/C	25	B		100		W		N		L	<1		2				
040	"	20'50	B/C	30	B		100		W		N		L	<1		<2				
041	"	20'25	B/C	20	B		100		W		flat		L	1		<2				
042	"	20'00	B/C	25	B/G		100		W		N		L	7		<2				
043	"	19'75	B/C	25	T		25/75		M		NW		L	<1		<2				
044	"	19'50	B/C	25	T		50/50		M		flat		L	<1		<2				

SWAMPY

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      >20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - Tan  
 R - Red  
 D - Dark



SAMPLER: J. Campbell  
 DATE: July 7/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm.)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC-015	7E	31'25	B	30	B	75	25			w			N		L	1		42		
016	"	31'00	B	40	0/B	20	60	20		w			flat		L	10		42		
017	"	30'75	A/B	30	B	20	60	20		w			S		L	4		42		
018	"	30'50	A/B	30	B	50	50			w			flat		L	6		42		
019	"	30'25	A/B	30	B	50	50			w			flat		L	27		42		
—	"	30'00	OUTCROP			N/S														
020	"	29'75	B	30	0/B	50	50			m			N		L	9		42		
021	"	29'50	B	30	0/B	75	25			m			S		L	3		42		
022	"	29'25	B/C	35	B/G	25	75			m			flat		L	1		42		
—	"	29'00	BOG			N/S														
023	"	28'75	B/C	25	B/G	40	20	40		m			flat		L	8		42		
024	"	28'50	B	25	B	50	50			m			flat		L	3		42		
025	"	28'25	B	25	B	50	50					D	S		L	1		42		
026	"	28'00	B	20	B	75	25					D	S	m		1		42		
—	"	27'75	SWAMP			N/S														
027	"	27'50	B	20	B	25	75			m			N	A		<1		2		

NOTES: Composition S sand Colour S - brown G - grey Water W wet Slope H high >20°  
 Si silt D - orange M moist M medium 5° - 20°  
 Cl clay T - Tan D dry L low 0° - 5°  
 Or organic O - Oak



SAMPLER: J. Campbell  
 DATE: July 7/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkuth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
	7E	35'25	N/S																	
JE-001	"	35'00	B/C	25	G	30	40	30		M		N		L	<1		<2			
002	"	34'75	B/C	30	G	50	50				D	N		L	<1		<2			
003	"	34'50	B	35	G/B	50	50			M		N		L	5		<2			
004	"	34'25	B	25	G/B	25	75			M		flat		L	<1		2			
	"	34'00	OUTCROP		N/S															
005	"	33'75	B	15	B	75	25			W		N		L	17		16			
006	"	33'50	B/C	20	G	25	75				D	N	M		3		<2			
007	"	33'25	B/C	20	G	25	75				D	N		L	<1		<2			
008	"	33'00	B/C	20	G/B	25	25	50		W		flat		L	<1		<2			
009	"	32'75	B/C	20	G/B	20	60	20			M	S	H		3		<2			
010	"	32'50	B	25	B	75	25			W		flat		L	3		<2			
011	"	32'25	B	25	G/B	25	75				M	N	H		<1		<2			
012	"	32'00	B	25	B		100				M	N		L	<1		<2			
013	"	31'75	A/B	20	G	100					M	flat		L	14		<2			
014	"	31'50	B	20	R/B	100				W		SE		L	15		12			

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      >20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - tan  
                          R - red  
                          D - dark

SAMPLER: J. CampbellDATE: July 10/95

## PLACER DOME CANADA LIMITED - EXPLORATION

## GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531

LOCATION: \_\_\_\_\_

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
JC-066	9E	32'25	B	30	B	25	75			M		N	A		41		42			
067	"	32'00	B	25	O/B	50	25	25		M		N	A		3		6			
	"	31'75																		
	"	31'50																		
068	"	31'25	A/B	20	B1/B	25		75	W		N		M		4		20			
069	"	31'00	B	25	O/B	75	25		M		flat			L	4		8			
070	"	30'75	B	25	O/B	75	25		W		N			L	34		42			
071	"	30'50	B	25	G	75	25		M		flat			L	4		42			
072	"	30'25	B	25	G/B	100			M		S	H			4		2			
073	"	30'00	B	35	O/B	75	25		M		S			L	34		42			
074	"	29'75	B	25	B	25	50	25	W		flat			L	41		42			
075	"	29'50	B	25	B	25	50	25	M		SE		M		20		14			
076	"	29'25	B	45	O/G	75	25		W		N			L	41		4			
077	"	29'00	B	20	O/G	75	25		W		N			L	8		4			
078	"	28'75	B	20	B1/B	50	50		M		N		M		41		42			
079	"	28'50	B	15	B/G	50	50		M		N		M		38		8			

## NOTES:

Composition  
 S sand  
 Si silt  
 Cl clay  
 Or organic

Colour  
 B - Brown  
 G - Grey  
 O - Orange  
 T - Tan  
 R - Red  
 D - Dark

Water  
 W wet  
 M moist  
 D dry

Slope  
 H high >20°  
 M medium 5° - 20°  
 L low 0° - 5°

SAMPLER: J. Campbell  
 DATE: July 10/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Parkette

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
IC-080	9E	28'25	B	20	R/B	100				M	Flat		L	2		2				
081	"	28'00	B	40	T/B	25	75			W		N		L	1		4			
082	"	27'75	R/B	35	B/B	10	10	10	70	W		S		L	2		42			
083	"	27'50	B	20	O/B	75	25			M		S		L	3		6			
084	"	27'25	B	25	B	50	50			W		S	M		34		2			
085	"	27'00	B	15	G/B	25	75			W		Flat		L	41		2			
086	"	26'75	B	20	G/B	25	75			M		N		L	41		2			
087	"	26'50	B	15	G/B		100				D	N		L	1		42			
088	"	26'25	B	25	G		100			M		Flat		L	41		42			
089	"	26'00	B	30	G/B		100			W		N		L	41		42			
090	"	25'75	B	30	B	25	75			M		N		L	1		2			
091	"	25'50	B	15	R/B	75	25			M		Flat		L	8		8			
092	"	25'25	B	25	B	25	75				D	S	M		41		42			
—	"																			
—	"																			
—	"																			

SWAMP N/S

NOTES: Composition S - sand, Si - silt, Cl - clay, Or - organic  
 Colour B - Brown, G - Grey, O - Orange, T - Tan, R - Red, D - Dark  
 Water W - wet, M - moist, D - dry  
 Slope H - high (> 20°), M - medium (5° - 20°), L - low (0° - 5°)

SAMPLER: Y. Campbell.  
 DATE: July 10/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	9E	2425																		
—	"	2400																		
9C-093	"	2375	B	20	B/G	7525				D	N	H		4		42				
094	"	2350	B/C	15	B	5050				D	N		L	4		42				
095	"	2325	B	20	R/B	100			M		N		L	69		2				
096	"	2300	B	30	O/B	100			M		N		L	3		4				
097	"	2275	B	25	B/G	2575			M		S	M		41		42				
098	"	2250	B	25	B	2575			M		N	M		41		42				
099	"	2225	B/C	30	B/G	2080				D	N		L	41		42				
100	"	2200	B	35	O/B	100			M		N		L	286		42				
101	"	2175	B	30	O/B	7525			M		flat		L	1		4				
102	"	2150	B	20	O/B	7525			M		S	M		9		42				
103	"	2125	B/C	20	G	7525			W		N		L	15		42				
104	"	2100	B	30	O/B	100			M		flat		L	41		42				
105	"	2075	A/B	25	B/G	5050			W		N	M		1		42				
106	"	2050	B	20	O/B	100			M		N	H		9		6				

NOTES: Composition S - sand      Colour S - brown  
 Si - silt                              G - grey  
 Cl - clay                              O - orange  
 Or - organic                          T - tan  
    R - red  
    D - dark

Water W - wet                              M - moist                              D - dry

Slope H - high >20°  
 M - medium 5° - 20°  
 L - low 0° - 5°

SAMPLER: Y. Campbell  
 DATE: July 10/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkuth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	9E	20'25	OUTCROP		N/S															
JG-107	"	20'00	A/B	15	B/B	20	60	20		m		N		M	2		6			
108	"	19'75	B	15	O/B	75	25			m		S		M	2		10			
109	"	19'50	B	20	G/B	75	25			m		S		L	3		2			
110	"	19'25	B	25	O/B	75	25			m		flat		L	2		14			
111	"	19'00	B	20	B	75	25			m		S		M	4		2			
112	"	18'75	B	25	B	105			W			flat		L	2		4			
113	"	18'50	B	40	B	80	20			m		N		L	3		12			
—	"	18'25	OUTCROP		N/S															
114	"	18'00	B	30	O/B	105				m		flat		L	2		2			
115	"	17'75	B	20	B	75	25			m		S		L	3		10			
116	"	17'50	B	25	O/B	80	20			m		flat		L	1		42			
117	"	17'25	B	50	O/B	105			W			S		M	19		2			
118	"	17'00	B	35	B	105				m		flat		L	1		42			
119	"	16'75	B	35	O/B	105			W			N		L	4		42			
—	"	16'50	SWAMP		N/S															

NOTES: Composition S sand Colour B - Brown Water W wet Slope H high >20°  
 Si silt G - Grey M moist M medium 5° - 20°  
 Cl clay O - Orange D dry L low 0° - 5°  
 Or organic T - Tan R - Red  
 D - Dark

SAMPLER: J. Campbell  
 DATE: July 18/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkitt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
JC-120	9E	16'25	B	30	O/B	100				M	N		L	4		2				
121	"	16'00	B	25	O/B	100				W	N		L	4		4				
122	"	15'75	B	20	B	75/25				W	N		L	3		12				
123	"	15'50	B	20	O/B	75/25				M	S		L	1		16				
—	"	15'25	SWAMP		N/S															
—	"	15'00	OUTCROP		N/S															
—	"	14'75	OUTCROP		N/S															
124	"	14'50	B	20	O/B	100				M	N	M		3		42				
—	"	14'25	OUTCROP		N/S															
125	"	14'00	B	20	O/B	75/25				W	N		S	L	6		4			
126	"	13'75	B	20	B	100				M	S	M		2		4				
127	"	13'50	B	40	B	40/40/20				W	S	M		7		42				
128	"	13'25	B	20	B	50/50				M	S		L	2		42				
129	"	13'00	B	30	B	100				M	S		L	3		6				
	"																			
	"																			

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      > 20°  
 Si - silt                          G - grey                  M - moist                  M - medium              5° - 20°  
 Cl - clay                          O - orange                D - dry                      L - low                    0° - 5°  
 Or - organic                      T - Tan  
    R - Red  
    D - Dark

PLACER DOME CANADA LIMITED - EXPLORATION  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. Campbell  
DATE: July 12/95

PROJECT: 531  
LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
—	11E	13'75	ORGANICS		N/S															
SG-132	"	13'50	B	40	G/B	50	50			W			N		M		14		4	
131	"	13'25	B	40	B	40	40	20		W			N		M		6		6	
130	"	13'00	B	10	B	40	20	40		W			N		L		41		12	
—	"	12'75	OUTCROP		N/S															
—	"	12'50	OUTCROP		N/S															

NOTES: Composition S - sand, Si - silt, Cl - clay, Or - organic  
 Colour B - brown, G - grey, O - Orange, T - Tan, R - Red, D - Dark  
 Water W - wet, M - moist, D - dry  
 Slope H - high (>20°), M - medium (5° - 20°), L - low (0° - 5°)

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Y. Campbell

DATE: July 10/95

PROJECT: 531

LOCATION: Kodrut

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
JC-144	11E	17'75	B	40	O/B	75	25			M	N	M		41		4				
143	"	17'50	B	20	O/B	50	50			M	N		L	41		4				
142	"	17'25	B	20	B	25	75			W	N		L	19		12				
141	"	17'00	B	20	G/B	75	25			W	N		L	41		2				
140	"	16'75	B	25	O/B	80	20			W	N		L	41		4				
139	"	16'50	B	15	G/B	75	25			W	N	H		20		8				
138	"	16'25	B	20	R/B	50	50			W	N		M	29		24				
137	"	16'00	B	25	O/B	75	25			M	N		L	8		12				
136	"	15'75	B	25	B	60	30	10		W	N		M	3		14				
135	"	15'50	A/B	15	B/B	25	25	50		W	N		L	5		20				
---	"	15'25	OUTCROP		N/S															
---	"	15'00	OUTCROP		N/S															
134	"	14'75	B	30	B/G	25	50	25			S		M	41		12				
---	"	14'50	OUTCROP		N/S															
133	"	14'25	B	25	B	75	25				S		L	6		6				
---	"	14'00	BOG		N/S															

NOTES: Composition S - sand, Si - silt, Cl - clay, Or - organic  
 Colour B - brown, G - grey, O - orange, T - tan, R - Red, D - Dark  
 Water W - wet, M - moist, D - dry  
 Slope H - high (>20°), M - medium (5° - 20°), L - low (0° - 5°)



SAMPLER: Y CampbellDATE: July 12/95

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
SC-155	11E	21'75	B	35	O/B	75	25			M		S		M		3		8		
154	"	21'50	B	35	O/B	75	25			M		S		M		25		10		
153	"	21'25	B	30	B/G	50	50			W		N			L	120		4		
152	"	21'00	B	25	O/B	50	50			W		S			L	30		14		
151	"	20'75	B	20	B/G	25	75			M		N			L	4		4		
150	"	20'50	B	20	B/B	75	25			W		N			L	14		4		
149	"	20'25	B	25	B	25	50	25		M		N	H			1		12		
	"	20'00	OUTCROP			N/S														
148	"	19'75	A/B	15	B/B	30	40	30		M		N	H			4		18		
	"	19'50	OUTCROP			N/S														
	"	19'25	OUTCROP			N/S														
	"	19'00	OUTCROP			N/S														
147	"	18'75	B	30	O/B	75	25			M		S	H			1		12		
146	"	18'50	B	30	O/B	100				W		flat			L	5		2		
	"	18'25	SWAMP			N/S														
145	"	18'00	B	25	G/B	75	25			M		N		M		<1		4		

## NOTES:

Composition S - sand  
Si - silt  
Cl - clay  
Or - organic

Colour B - brown  
G - grey  
O - orange  
T - tan  
R - red  
D - dark

Water W - wet  
M - moist  
D - dry

Slope H - high > 20°  
M - medium 5° - 20°  
L - low 0° - 5°



SAMPLER: J. Campbell  
 DATE: July 13/95

PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: RedRuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
	12E	12'50			SWAMP	N/S														
SC-159	"	12'75	B	20	O/B	60	40		M		S	H		4		4				
160	"	13'00	B	25	O/B	40	60		M		S		L	1		10				
	"	13'25			OUTCROP	N/S														
	"	13'50			OUTCROP	N/S														
161	"	13'75	A/B	30	Bl.		50	50	M		N	M		1		12				
	"	14'00			OUTCROP	N/S														
162	"	14'25	B	35	O/B	75	25		M		N	H		4		8				
163	"	14'50	A/B	30	B		50	50	M		N		L	2		8				
164	"	14'75	B	30	B		75	25	M		S		L	13		4				
	"	15'00			OUTCROP	N/S														
	"	15'25			OUTCROP	N/S														
	"	15'50			OUTCROP	N/S														
165	"	15'75	B	35	B	75	25		W		S		L	3		20				
166	"	16'00	B	35	B/B	75	25		W		S	H		3		6				
167	"	16'25	A/B	30	B/B	25	25	25	M		S	H		9		24				

NOTES: Composition S sand Colour B - Brown Water W wet Slope H high >20°  
 Si silt G - Grey M moist M medium 5° - 20°  
 Cl clay O - Orange D dry D low 0° - 5°  
 Or organic T - Tan R - Red D - Dark

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Y. Campbell  
 DATE: July 13/95

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
	12E	16'50																		
X-168	"	16'75	A/B	20	B	25	25	25	25	M		SE		M		6		18		
	"	17'00																		
	"	17'25	B	25	R/B	75	25				D	N		M		19		16		
170	"	17'50	B	35	O/B	75	25				D	N		L		41		26		
171	"	17'75	B	30	O/B	75	25			M		N		M		12		18		
172	"	18'00	B/C	30	G/B	50	50				D	S		L		41		10		
173	"	18'25	B	30	O/B	75	25			M		NW	H			14		24		
174	"	18'50	B	40	G/B	50	50			M		N		M		3		8		
175	"	18'75	B	40	G/O	25	25	50		M		N		L		1		2		
	"	19'00																		
	"	19'25																		
	"	19'50																		
176	"	19'75	A/B	35	B/B	25	25	25	25	W							L/3		4	
177	"	20'00	B/C	30	B/O	25	75			M		S		M		41		4		
178	"	20'25	B	30	O/B	75	25			M		S		M		10		30		

NOTES: Composition S - sand      Colour B - Brown      Water W - wet      Slope H - high      > 20°  
 Si - silt      G - Grey      M - moist      M - medium      5° - 20°  
 Cl - clay      T - Tan      D - dry      L - low      0° - 5°  
 Or - organic      R - Red  
 O - Dark

SAMPLER: J. Campbell  
 DATE: July 13/95

PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
XC-179	12E	20'50	B	30		50	25	25		W			SE	M		<1		12		
	"	20'75			OUTCROP	NY3														
180	"	21'00	B	25		75	25			M			N	M		5		20		
181	"	21'25	B	20		50	50			M			N		L	<1		12		
	"	21'50																		
	"	21'75																		
	"	22'00																		
	"	22'25																		
	"	22'50																		
	"	22'75																		
	"	23'00																		
	"	23'25																		
	"	23'50																		
182	"	23'75	B	20			100						D S		L	1		6		
183	"	24'00	B	25			75	25					D N H			<1		8		
184	"	24'25	B	35		50	25	25					D flat		L	<1		4		

SWAMPY

NOTES: Composition S sand Colour B - Brown Water W wet Slope H high >20°  
 Si silt G - Grey M moist 5° - 20°  
 Cl clay O - Orange D dry L low 0° - 5°  
 Or organic T - Tan R - Red D - Dark

SAMPLER: J. Campbell  
 DATE: July 13/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Redkith

SAMPLE NUMBER	GRID		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	COORDINATES					S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
	LINE	CHAINAGE															ppb	ppm		ppm
→	12E	24'50																		
—	"	24'75																		
—	"	25'00																		
3C-185	"	25'25	B	25	7525					M	S		M	12		6				
186	"	25'50	B	20	7525					M	S	H		41		6				
187	"	25'75	B	20	7525						D	S		L	41	2				
188	"	26'00	B	25	5050					M	S			L	1	12				
—	"	26'25			SWAMP N/S															
189	"	26'50	B	30	100						D	N		L	41	8				
—	"	26'75			OUTCROP N/S															
190	"	27'00	B	30	502525					M	flat			L	41	2				
→	"	27'25																		
—	"	27'50			BOG N/S															
—	"	27'75																		
—	"	28'00																		
—	"	28'25																		

NOTES: Composition S sand Colour B - Brown G - Grey O - Orange T - Tan R - Red Or organic D - Dark

Water W wet M moist D dry

Slope H high > 20° M medium 5° - 20° L low 0° - 5°

SAMPLER: J. Campbell  
 DATE: July 13/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: KadRuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
—	12E	28'50	B/G	20	N/S															
—	"	28'75	B/G	20	N/S															
—	"	29'00	OUTCROP			N/S														
JC-191	"	29'25	B/C	20	G			100		W		S		L	6		6			
192	"	29'50	B	20	O/B	100				M		S	H		11		4			
193	"	29'75	B	25	O/B	100				M		flat		L	21		8			
194	"	30'00	B/C	20	G			25/75		D		N		L	21		2			
195	"	30'25	B	25	B			50/50		M		N	M		14		4			
—	"	30'50	OUTCROP			N/S														
196	"	30'75	B	20	B/G			50/50				D	N	M		1		6		
197	"	31'00	B	20	B			50/50				D	N	H		21		2		
—	"	31'25	SWAMP N/S																	
—	"	31'50	SWAMP N/S																	
—	"	31'75	SWAMP N/S																	
—	"	32'00	SWAMP N/S																	
—	"	32'25	SWAMP N/S																	

NOTES:

Composition	S sand	Colour	B - Brown	Water	W wet	Slope	H high	> 20°
	Si silt		G - Grey		M moist		M medium	5° - 20°
	Cl clay		O - Orange		D dry		L low	0° - 5°
	Or organic		T - Tan					
			R - Red					
			D - Dark					

SAMPLER: J. Campbell  
 DATE: July 14/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
—	13E	13'50	OUTCROP		N/S															
JC-198	"	13'75	B	25	G/B	25	50	25			S		M		41		6			
199	"	14'00	B	36	B	25	75				S		M		41		2			
—	"	14'25	OUTCROP		N/S															
200	"	14'50	B	30	G/B	25	75				S		L		1		8			
201	"	14'75	B	40	G/B		100				N		L		4		12			
—	"	15'00																		
—	"	15'25	SWAMP N/S																	
—	"	15'50																		
—	"	15'75																		
—	"	16'00																		
202	"	16'25	B	40	B	30	40	30			M		S		L	2		4		
203	"	16'50	B	30	B	25	75				M		S		M	1		6		
204	"	16'75	B	40	G/B	75	25			W		S		H		4		8		
205	"	17'00	B	35	B	50	50				M		S		L	2		4		
—	"	17'25	OUTCROP		N/S															

NOTES: Composition S - sand      Colour B - brown      Water W - wet      Slope H - high      >20°  
 Si - silt      G - grey      M - moist      M - medium      5° - 20°  
 Cl - clay      O - orange      D - dry      L - low      0° - 5°  
 Or - organic      T - Tan  
    R - Red  
    D - Dark



SAMPLER: J. Campbell  
 DATE: July 14/95

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
 GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Red Butte

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC-206	L13E	17'50	A/B	20	B	75	25				M		SE		M		3		12	
207	"	17'75	B	35	O/B	75	25				M		N		M		3		14	
208	"	18'00	B	35	O/B	100					M		N			L	2		8	
209	"	18'25	B	30	B	50	50				M		flat			L	41		6	
210	"	18'50	B	35	B	100				D			N			L	1		2	
211	"	18'75	B	30	B	25	75				M		flat			L	41		6	
212	"	19'00	B	30	B	25	75				M		N			L	1		6	
213	"	19'25	B	35	B	100					M		N			L	41		8	
214	"	19'50	B	35	B/G	25	75				M		flat			L	1		4	
—	"	19'75	SWAMP N/S																	
—	"	20'00	SWAMP N/S																	
—	"	20'25	SWAMP N/S																	
215	"	20'50	B	40	B			100			M		S			L	1		4	
216	"	20'75	B	45	B			100			M		flat			L	1		16	
217	"	21'00	B	30	B			100					D			L	1		2	
218	"	21'25	B	30	B	50	50				M		S		M		41		4	

NOTES: Composition S sand Colour B - brown Water W wet Slope H high >20°  
 Si silt G - grey M moist 5° - 20°  
 Cl clay O - orange T - Tan D dry L low 0° - 5°  
 Or organic R - Red  
 D - Dark

SAMPLER: J. Campbell

DATE: July 14/95

**D** PLACER DOME CANADA LIMITED - EXPLORATION  
GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531

LOCATION: Red Ruth

SAMPLE NUMBER	GRID		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	COORDINATES																ppb	ppm	ppm		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
JC-219	13E	21'50	B	30	O/B	25	75				M			NW			L	41		4	
220	"	21'75	B	30	O/B	25	75				m			N			L	1		12	
221	"	22'00	B	35	B	100					w			S			m	41		2	
222	"	22'25	B	25	B	100					m			S			m	41		4	
—	"	22'50	OUTCROP			N/S															
223	"	22'75	B	20	B	50	50				m			SW			L	23		4	
224	"	23'00	B	20	B	75	25				m			SW			L	41		2	
225	"	23'25	B	20	B	25	75				m			SW			L	41		2	
226	"	23'50	B	20	B	100					m			SW			L	41		2	
227	"	23'75	B	25	B	75	25					D		S			L	41		32	
228	"	24'00	B	25	O/B	75	25					D		S			L	3		6	
229	"	24'25	B	20	B	100						D		S			L	2		6	
230	"	24'50	B	25	O/B	75	25				m			S			L	41		6	
—	"	24'75	ORGANICS			N/S															
231	"	25'00	B	35	B	100						D		SW			m	41		8	
232	"	25'25	B	20	B	100						D		N			L	2		2	

NOTES:

Composition	S sand	Colour	B - brown	Water	W wet	Slope	H high	> 20°
	Si silt		G - grey		M moist		M medium	5° - 20°
	Cl clay		O - orange		D dry		L low	0° - 5°
	Or organic		T - Tan					
			R - Red					
			D - Dark					

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. Campbell  
 DATE: July 14/95

PROJECT: 531  
 LOCATION: Rodcutt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
JC-233	13F	25'50	B	20	B	100				D	S		L	41		2				
234	"	25'75	B	25	G		100		m		S		M	2		10				
235	"	26'00	B	25	B	100				D	S		M	41		8				
236	"	26'25	B	30	O/B	75	25			D	SE		M	41		4				
237	"	26'50	B	30	O/B	100				D	S		L	41		6				
	"	26'75	OUTCROP N/S																	
238	"	27'00	B	35	O/B	75	25			D	N		M	1		4				
239	"	27'25	B	25	B	100		W			flat			L	7	4				
240	"	27'50	B	20	B	25	75		m		flat			L	1	30				
241	"	27'75	B	50	O/B	100			m		flat			L	1	2				
	"	28'00	BOG N/S																	
	"	28'25	BOG N/S																	
242	"	28'50	B	50	B	30	30	30	10	W		S		M	1		4			
243	"	28'75	B	30	O/B	75	25		m		S			L	4	8				
244	"	29'00	B	25	O/B	100				D	S			L	11	8				
	"	29'25	OUTCROP N/S																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. Campbell  
 DATE: July 14/95

PROJECT: 531  
 LOCATION: RedRutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	13E	29'50																		
—	"	29'75																		
—	"	30'00																		
—	"	30'25																		
XC-246	"	30'50	B	25	B		100		M		N		M	1			8			
247	"	30'75	B	25	B		100		M		S									
247B	"	31'00	B	20	G		100				D	N	H		<1		<2			
—	"	31'25			BOG															
248	"	31'50	B	15	B		5050				D	flat						MISSING SAMPLE!		
249	"	31'75	B	20	B		100				D	S		M	<1		4			
250	"	32'00	B	20	B		100				D	N	H		<1		4			

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. Campbell  
 DATE: July 15/95

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
	14E	18'00	SWAMP		N/S															
JC-251	"	18'25	B/C	25	G/B	25				M		S		M		1		4		
252	"	18'50	B	30	B	20	60	20		M		S		M		12		4		
253	"	18'75	B	15	O/B	100				M		N	H			12		8		
254	"	19'00	B/C	35	G/B			75	25	W		flat			L	<1		2		
255	"	19'25	B	30	B			100		W		flat			L	2		12		
	"	19'50																		
	"	19'75																		
	"	20'00	SWAMP N/S																	
	"	20'25																		
	"	20'50																		
	"	20'75																		
	"	21'00																		
	"	21'25																		
	"	21'50																		
	"	21'75																		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: A Campbell  
 DATE: July 15/95

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
IC-256	14E	22'00	B	35	O/B	100				W			S			L	9		2	
257	"	22'25	B	25	B	100				M			S	H			1		2	
258	"	22'50	B	20	O/B	100				M		M	S			L	3		18	
259	"	22'75	B	30	O/B	100				M			S			L	8		10	
260	"	23'00	B	25	O/B	100				M			S			L	380		14	
261	"	23'25	B	20	B	50	50			M			N			L	7		20	
262	"	23'50	B	25	O/B	100				M			N			L	2		10	
263	"	23'75	B	20	B	25	75			M			S			L	1		4	
264	"	24'00	B	25	B	50	50			M			S			L	41		2	
265	"	24'25	B	30	B	100				M			flat			L	3		6	
266	"	24'50	B	35	B	50	50			M			S			L	1		2	
—	"	24'75	SWAMP			N/S														
267	"	25'00	B/C	40	G/B			75	25	W			S			L	2		8	
268	"	25'25	B	35	B	50	50			W			S		M		2		2	
269	"	25'50	B	30	B	40	20	20		M			S			L	41		2	
270	"	25'75	B	30	G/B	50	50					D	S			L	41		6	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 15/95

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
JC-271	14E	26'00	B	20	0/B	100				M			S			2		6		
272	"	26'25	B	20	B	100				M			S			1		4		
273	"	26'50	B	25	0/B	100				M			N			2		12		
274	"	26'75	B	25	0/B	100				M			S			38		2		
275	"	27'00	B	20	B	75	25						S			8		6		
	"	27'25	OUTCROP			N/S														
276	"	27'50	B	30	0/B	100				M			S			41		14		
277	"	27'75	B	35	0/B	100				M			N			46		2		
278	"	28'00	B	40	0/B	100				M			N			1		10		
279	"	28'25	B	30	0/B	100				M			N			3		4		
280	"	28'50	B/C	30	B			100		W			S			2		10		
281	"	28'75	B	30	B	40	20	40					S			41		2		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: A. Campbell  
 DATE: July 18/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
IC-282	17E	11'50	B	35	B	75	25			W			S		L	3		4		
283	"	11'75	B	20	B	100						M	N		L	21		2		
284	"	12'00	B	40	B	75	25			W			N		M	1		4		
285	"	12'25	B	30	G/B	100						M	N		M	15		2		
286	"	12'50	B	30	B	75	25			W			flat		L	4		4		
—	"	12'75	B0G		N/S															
287	"	13'00	B	35	B	75	25			W			S	H		3		4		
288	"	13'25	B	35	B	50	50			W			S	H		4		4		
289	"	13'50	B	30	R	50	50					M	S		M	45		404		
290	"	13'75	B	30	G	25	25	50				M	S		L	21		22		
291	"	14'00	B	30	B	50	50					M	N		M	41		42		
292	"	14'25	B	25	B	40	40	20				M	N		L	5		8		
293	"	14'50	B	25	R	50	50					M	S		M	6		50		
—	"	14'75	OUTCROP			N/S														
294	"	15'00	B	30	R/B	25	75					M	S		L	21		14		
295	"	15'25	B	20	R/B	50	50					M	S		M	1		6		

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
DATE: July 18/95

PROJECT: 531  
LOCATION: Rock Path.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L					
J:296	17E	15'50	B	20	O/B	75	25				M		S		M		6		20		
—	"	15'75	OUTCROP		N/S																
297	"	16'00	B	25	B	100					M		N			L	4		8		
298	"	16'25	B	30	R/B	75	25				M		N		M		1		14		
299	"	16'50	B	25	R/B	40	20	40			M		N	H			11		16		
300	"	16'75	B	45	B	100					M		S			L	1		2		
301	"	17'00	B	35	B/G		100				M		S			L	1		2		
302	"	17'25	B/C	35	G		25	75		W			S			L	41		4		
303	"	17'50	B	30	B/G	40	40	20			M		N		M		41		2		
	"	17'75	N/S																		
304	"	18'00	B/C	25	B/G		25	75			M		N			L	41		42		
305	"	18'25	B/C	25	G		100			W			plat			L	41		42		
	"	18'50	ORGANICS																		
306	"	18'75	B	30	B		50	50		W			S	H			6		8		
307	"	19'00	B	25	O/B	75	25				M		S			L	2		4		
308	"	19'25	B	30	O/B	100					M		S			L	2		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
                   Si silt                              O orange T tan                              M moist                                      M medium                                  5° - 20°  
                   Cl clay                                  D dark R red                                  D dry    L low    0° - 5°  
                   Or organic                              Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: RedKitt.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC309	17E	19'50	B/C	35	B	75	25			D	flat			L	41		2			
310	"	19'25	B/C	30	B	100				M	N			L	1		42			
311	"	20'00	B/C	30	B	100				M	N	H		L	41		6			
312	"	20'25	B/C	35	B	75	25			M	flat			L	1		8			
---	"	20'50																		
---	"	20'75																		
---	"	21'00	BOG			N/S														
---	"	21'25																		
---	"	21'50																		
---	"	21'75																		
313	"	22'00	B/C	25	B	50	50			W	S			L	41		12			
---	"	22'25	BOG			N/S														
314	"	22'50	B	20	B	100				M	S	H		L	6		12			
315	"	22'75	B	30	G/B	50	50			M	flat			L	41		4			
316	"	23'00	B	40	G/B	75	25			W	S			L	41		4			
317	"	23'25	B	35	O/B	75	25			W	S			L	41		4			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: A. Campbell  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
IC-318	17E	23'50	B	30	O/B	100				W			S		L	41		42		
319	"	23'75	B	35	B	75	25			W			S		L	41		42		
320	"	24'00	B	30	B	100				W			S		L	7		16		
321	"	24'25	A/B	25	B	50	50			W			S		L	2		6		
322	"	24'50	A/B	25	G/B	75	25				M		S		L	41		42		
323	"	24'75	B	30	O/B	100					M		N		M	2		12		
324	"	25'00	B	25	O/B	100					M		N		L	7		16		
325	"	25'25	B	25	G	50	50			W			S		L	41		42		
326	"	25'50	B	55	O/B			100		W			S		M	4		6		
327	"	25'75	B	40	G/B			100		W			S		L	2		4		
328	"	26'00	B	55	O/B	100					M		S		L	4		12		
329	"	26'25	B	35	O/B	100					M		N		L	81		10		
330	"	26'50	B	35	O/B	100					M		N		L	6		18		
331	"	26'75	B	35	B	100					M		S		M	7		6		
332	"	27'00	B	20	O/B	100					M		N		L	6		14		
333	"	27'25	B	15	B	75	25					D	N		L	1		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Rodkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
	—	17E				2750	BOG	N/S												
—	"	2775																		
—	"	28'00	BOG	N/S																
—	"	28'25																		
—	"	28'50																		
—	"	28'75																		
—	"	29'00																		
—	"	29'25	OUTCROP	N/S																

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. Campbell  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Red Rock

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT				SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L					
	21'00	16'00			SWAMP	N/S															
337	"	16'25	A/B	20	B	40	40	20			m	S	H				2		16		
338	"	16'50	B	30	B	75	25				m	S	M				41		26		
	"	16'75			OUTCROP	N/S															
339	"	17'00	B	25	G	75	25				D	N				L	41		42		
340	"	17'25	B	20	G/B	25	25	50			D	N				L	8		4		
341	"	17'50	B	30	G/B	50	50				m	N	M				1		6		
	"	17'75																			
	"	18'00			BOG	N/S															
	"	18'25																			
	"	18'50																			
342	"	18'75	B	35	B	75	25				D	S	M				41		4		
343	"	19'00	B	30	B	50	50				m	N				L	41		2		
344	"	19'25	B	35	B	25	75				W	S				L	41		2		
345	"	19'50	B	25	B	20	60	20			W	N	M				33		14		
	"	19'75			OUTCROP	N/S															

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC-346	2/E	20'00	B/C	35	G			100		W			S		L	2		20		
347	"	20'25	B/C	35	G			100		W			S		L	3		6		
348	"	20'50	B/C	50	G			100		W			S		L	2		4		
349	"	20'75	B/C	60	G			100		W			S		L	1		6		
—	"	21'00	BOG		N/S															
—	"	21'25	BOG		N/S															
350	"	21'50	B	25	O/B			100		M			S		M	2		2		
351	"	21'75	B	40	O/B			100		M			N		M	2		10		
352	"	22'00	B	35	B			75/25		M			flat		L	4		8		
353	"	22'25	B/C	40	G			100		W			flat		L	2		2		
354	"	22'50	B	40	B			75/25		W			S		M	1		42		
355	"	22'75	B	20	O/B			100		M			S		M	2		12		
356	"	23'00	B	30	O/B			100		M			N		L	4		16		
357	"	23'25	B	45	O/B			75/25		W			S		L	7		2		
358	"	23'50	B	40	O/B			75/25		M			N		M	19		6		
359	"	23'75	B	50	O/B			75/25		W			S		L	4		42		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Redpath.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC-360	21E	24'00	B	35	B	75	25			W			flat		L	41		8		
361	"	24'25	B	30	B	50	50			W			S		L	4		20		
362	"	24'50	B	35	R/B	75	25			W			N	m		43		16		
363	"	24'75	B	25	B	75	25			W			flat		L	41		42		
364	"	25'00	B	30	B	75	25			W			N		L	41		10		
365	"	25'25	B	20	B	75	25			W			N		L	3		20		
366	"	25'50	B	40	O/B	75	25			W			S		L	2		16		
367	"	25'75	B	35	B	100					m		N		L	41		2		
368	"	26'00	B	30	O/B	100					m		N		L	1		8		
369	"	26'25	B	40	O/B	100					m		N		L	41		42		
370	"	26'50	B	35	G			100		W			S		L	41		42		
371	"	26'75	B	35	B	75	25			W			S	m		41		4		
372	"	27'00	B	30	O/B	100					m		S	m		3		6		
373	"	27'25	B	20	O/B	100						D	S	m		41		14		
—	"	27'50	OUTCROP			N/S														
374	"	27'75	B	35	B	50	50			W			flat		L	41		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

# PLACER DOME CANADA LIMITED - EXPLORATION

SAMPLER: J. Campbell  
 DATE: July 19/95

## GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 531  
 LOCATION: Redoubt.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M				
IC-375	2/E	28'60	B	25	B	50	50			M				L	<1		4		
376	"	28'25	B/C	35	G			100		W				L	<1		6		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
                     Si silt                      O orange T tan                      M moist                      M medium      5° - 20°  
                     Cl clay                      D dark R red                      D dry                      L low                0° - 5°  
                     Or organic                      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: A. Campbell  
 DATE: July 26/95

PROJECT: 531  
 LOCATION: Redkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
JC-381	27E	10'50	B	20	B	100					M		S			L	8		8	
382	"	10'75	B	30	O/B	100					M		N			L	7		12	
383	"	11'00	B	30	B	100					M		N			M	1		6	
384	"	11'25	B	35	B	100					M		N			M	41		10	
—	"	11'50	OUTCROP		N/S	—														
385	"	11'75	B	25	B	100					M		S			M	1		2	
386	"	12'00	B	30	B	100					M		N			M	3		16	
387	"	12'25	B	30	B	75	25			W			S			L	1		42	
388	"	12'50	B	50	B	75	25			W			N			L	2		6	
389	"	12'75	B	20	B	100					M		N			L	11		12	
390	"	13'00	B	20	O/B	100					M		S	H			13		12	
—	"	13'25	OUTCROP		N/S	—														
391	"	13'50	B	25	O/B	75	25				M		N			M	41		42	
392	"	13'75	B	35	B	25	75				M		N			M	41		42	
393	"	14'00	B	30	B	50	50				M		N			L	7		42	
394	"	14'25	B	20	B		100				M		S			L	41		42	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redbank

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
IC-395	27E	14'50	B	30	B						m		N		M		1		<2	
396	"	14'75	B	25	B						m		Flat				L	<1	<2	
—	"	15'00																		
—	"	15'25	BOG				N/S													
—	"	15'50																		
—	"	15'75																		
397	"	16'00	B	35	B						D		S	H			L	4	6	
398	"	16'25	B	30	B/G						D		S		M		L	2	<2	
399	"	16'50	B	20	B						m		S	H			L	4	<2	
400	"	16'75	B	30	O/B						D		S				L	1	2	
401	"	17'00	B	35	B						m		N				L	1	<2	
—	"	17'25	OUTCROP				N/S													
402	"	17'50	B	35	B/G						m		N				L	4	<2	
403	"	17'75	B	30	O/B						D		N	H			L	4	34	
404	"	18'00	B	30	O						m		S				L	4	6	
405	28E	18'25	B	25	O/B						D		N	H			L	9	2	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Ralkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
JC-406	28E	18'50	B	35	O/G	100					D	N		L	3		16			
407	"	18'75	B	40	G	75	25				m	flat		L	7		22			
—	"	19'00	SWAMP		N/S		—													
—	"	19'25	SWAMP		N/S		—													
—	"	19'50	OUTCROP		N/S		—													
408	"	19'75	B	20	G/B	100					D	S		L	21		2			
409	"	20'00	B	20	B	100					D	N		L	21		<2			
410	"	20'25	B	20	B	100					D	N		L	1		8			
411	"	20'50	B	25	B	100					D	flat		L	21		2			
412	"	20'75	B	20	B	100					m	S		L	21		2			
—	"	21'00	BOG		N/S		—													
413	"	21'25	B	20	B	100					m	S		L	4		2			
414	"	21'50	B	20	B	100					D	S	m		5		2			
415	"	21'75	B	20	B	100					D	S	m		1		2			
416	"	22'00	B	20	B	75	25				D	S	m		21		4			
—	"	22'25	OUTCROP		N/S		—													

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
JC-417	28E	2250	B	20	O/B	75	25				D	S		L	30		14			
418	"	22'75	B	20	O/B	100					D	S		L	4		6			
419	"	23'00	B	25	O/B	100				M	N		M	4		8				
420	"	23'25	B	30	O/B	100					D	S		M	8		6			
421	"	23'50	B	25	G	100					D	N	H		4		22			
422	"	23'75	B	20	O/B	100					D	N		M	11		8			
423	"	24'00	B	20	B	50	50				D	N		L	21		8			
---	"	24'25																		
---	"	24'50																		
---	"	24'75																		
---	"	25'00																		
425	"	25'25	B	20	B	75	25				D			M	1		6			
426	"	25'50	B	25	O/B	75	25				D		H		2		12			
---	"	25'75			OUTCROP		N/S													
427	"	26'00	B	25	O/B	100					D			M	2		20			
428	"	26'25	B	15	B	100					M			M	160		28			

*BOG N/S*

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high >20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
JC429	28E	26'50	B	20	G	100					D	flat		L	2		6			
430	"	26'75	B	30	B	25	75				M	S		L	41		2			
431	"	27'00	B	20	B	50	50				M	S		M	41		6			
—	"	OUTCROP			N/S															
432	"	27'50	B	25	O/B	100					M	S		M	2		16			
433	"	27'75	B	30	B	100					W	S	H		1		6			
434	"	28'00	B	30	O/B	100					M	S	H		8		14			
435	"	28'25	B	30	O/B	100					M	flat		L	2		38			
436	"	28'50	B	40	G/B	75	25				M	N		L	41		6			
—	"	28'75	OUTCROP			N/S														

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT				SLOPE				Au ppm	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L					
	29E	10'75																			
	"	11'00																			
X-478	"	11'25	B	40	O/B	100				W				N	H			3		8	
479	"	11'50	B	40	B	100				W				N	H			3		10	
480	"	11'75	A/B	20	G/B			100		W				Flat			L	<1		<2	
	"	12'00																			
	"	12'25																			
	"	12'50																			
	"	12'75																			
481	"	13'00	B/C	20	G			100									L	<1		<2	
482	"	13'25	B	25	B	50	50			W							L				
483	"	13'50	B	50	B	50	50			W							L	<1		6	
484	"	13'75	B/C	25	B			100									L	<1		10	
485	"	14'00	B	30	B	75	25			W							L	9		8	
486	"	14'25	B/C	20	B												L	<1		2	
487	"	14'50	B/C	25	B			100						D S			L	<1		8	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm			
JC-488	29E	14'75	B	25	B			100			m			N	H			<1		4		
489	"	15'00	B	25	B			100			m			S	A			<1		2		
490	"	15'25	B	25	O/B	100					m			S		m		9		2		
491	"	15'50	B	35	O/B	100					m			S		m		<1		4		
492	"	15'75	B	30	O/B	100					m			N		m		1		2		
493	"	16'00	B	35	G/B	100					m			S		m		<1		2		
494	"	16'25	B	20	G	100					m			S			L	<1		8		
495	"	16'50	B	25	O/B	100					m			N		m		<1		26		
496	"	16'75	B	20	B	20/60/20				W				S	A			<1		2		
—	"	17'00	OUTEROP			N/S																
497	"	17'25	B	25	B					W				S		m		<1		28		
498	"	17'50	B	25	O/B						m			N	H			2		14		
499	"	17'75	B	26	B						m			N		m		1		4		
500	"	18'00	B/C	20	B						m			N			L	<1		<2		
501	"	18'25	B/C	20	G						m			Fbt			L	<1		2		
—	"	18'50	SWAMP			N/S																

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	29E	18'75																		
—	"	19'00																		
—	"	19'25																		
—	"	19'50																		
IC-502	"	19'75	B/C	20	G		100			m		S		L	<1		<2			
503	"	20'00	B/C	20	G		100			m		plat		L	<1		<2			
504	"	20'25	B/C	20	G		100					D	plat	L	<1		<2			
505	"	20'50	B/C	25	G		100		W			plat		L	<1		2			
506	"	20'75	B/C	20	G		100			m		S		L	<1		<2			
507	"	21'00	B/C	20	G		100			m		S	M		<1		4			
508	"	21'25	B/C	20	G		100			m		S	M		<1		4			
509	"	21'50	B	20	B		100			m		S	M		<1		6			
510	"	21'75	B	20	G/B		100			m		S		L	6		4			
511	"	22'00	B	25	B		100			m		S	H		<1		4			
512	"	22'25	B	20	B		100			m		plat		L	<1		8			
513	"	22'50	B	25	O/B		100			m		N		L	<1		28			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Y. Campbell  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Redearth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
SC-514	29E	2275	A/B	20	B	75		25		M		N		M		<1		12		
	"	2300	N/S																	
515	"	2325	A/B	30	B	75		25		m		N	H			6		42		
516	"	2350	B	35	G	75	25			m		N		M		<1		<2		
517	"	2375	B	20	B	100				m		N		M		4		8		
518	"	2400	B	25	B	50	50			m		flat			L	<1		<2		
519	"	2425	B	30	O/B	100				m		N			L	20		2		
	"	2450																		
	"	2475	BOG			N/S														
	"	2500																		
520	"	2525	B	20	G	50	50				D	S	H			<1		<2		
521	"	2550	B	25	B	100					D	S	H			4		6		
522	"	2575	B	25	O/B	100				m		S	H			1		8		
523	"	2600	B	35	B	75	25			M		S			L	16		6		
524	"	2625	B	35	O/B	100				M		N	H			6		12		
525	"	2650	B	25	B	100				M		N	H			2		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 2/95

PROJECT: 531  
 LOCATION: Redrutz.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
526	29E	26'75	B	30	B	100					M		flat			L	6		2	
527	"	27'00	B	20	G			100		W			flat			L	1		12	
—	"	27'25	ORGANICS			N/S														
528	"	27'50	B	40	B	100				W			S			L	2		2	
529	"	27'75	B	35	O/B	100				m			S	H			4		12	
530	"	28'00	B	25	O/B	100					D		S			L	20		6	
531	"	28'25	B	25	O/B	30	40	30		m			S		m		41		12	
—	"	28'50	OUTCROP			N/S														
532	"	28'75	A/B	25	B	75	25			m			S			L	6		14	
533	"	29'00	A/B	20	B	75	25			m			N		m		6		16	
—	"	29'25	BOG			N/S														
534	"	29'50	B	30	O/B	100					D		S			L	5		18	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W Mann  
 DATE: June 29/95

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redearth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH NOT TAKEN (cm)	COLOUR NOT TAKEN	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (M)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-473	2E	16'00	B			100							D flat		L	1		14		
—	"	16'25	OUTCROP		N/S		—													
474	"	16'50	B			100							D flat		L	<1		<2		
476	"	16'75	B			40	40	20					D flat		L	8		8		
478	"	17'00	B			100							D flat		L	2		<2		
480	"	17'25	B			50	50						D flat		L	1		14		
482	"	17'50	B			100			W				N		L	4		<2		
483	"	17'62.5	B			100			W				S		L	5		6		
—	"	17'75	SWAMP		N/S		—													
—	"	18'00	SWAMP		N/S		—													
—	"	18'25	SWAMP		N/S		—													
484	"	18'37.5	B/C					100	W				flat		L	<1		8		
485	"	18'50	B/C					100	W				flat		L	<1		<2		
486	"	18'75	B/C				100						D N	M		2		6		
488	"	19'00	B			100							D flat		L	6		8		
490	"	19'25	B			100							D flat		L	<1		16		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Colbow Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redbutt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (m)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-492	2E	19'50	B/C					100				D	flat		L	8		<2		
494	"	19'75	B/C					100				D	flat		L	<1		<2		
496	"	20'00	B/C					100				D	S	m		33		8		
497	"	20'25	B					100				D	flat		L	2		8		
---	"	20'25	OUTCROP N/S																	
---	"	20'50	OUTCROP N/S																	
---	"	20'75	OUTCROP N/S																	
498	"	20'87.5	B					100				D	flat		L	4		26		
499	"	21'00	B					100				D	flat		L	4		36		
500	"	21'25	B/C					100				D	flat		L	<1		2		
502	"	21'50	B					50	50			D	N		L	2		16		
504	"	21'75	B					100				D	S	m		16		2		
505	"	21'87.5	B					100				D	S	H		2		4		
---	"	22'00	OUTCROP N/S																	
506	"	22'25	B					100				D	S		L	9		22		
---	"	22'50	OUTCROP N/S																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W Mann  
 DATE: June 29/95

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Rock

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-507	L2E	22'75	B			50	50						D	flat		L	8		8	
508	"	23'00	B			100							D	flat		L	1		8	
510	"	23'25	B/C					100					D	flat		L	34		4	
512	"	23'50	B			100							D	flat		L	32		2	
514	"	23'75	B/C				50	50					D	flat		L	11		<2	
DM-516	"	24'00	B			100				W				flat		L	125		4	
DM-517	"	24'37.5	B/C			50	50			W				flat		L	18		<2	
DM-518	"	24'50	B			100				W				flat		L	17		2	
DM-569	"	24'75	B			25	75			W			N		M		6		<2	
567	"	25'00	B			75	25			W				flat		L	2		12	
566	"	25'12.5	A/B			50	50			W			S		M		<1		4	
565	"	25'37.5	B			100				W				flat		L	2		8	
564B	"	25'50	B			100				W				flat		L	4		6	
563	"	25'75	B/C			100				W				flat		L	3		8	
—	"	26'00	OUTCROP N/S																	
—	"	26'25	OUTCROP N/S																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT : 531  
 LOCATION: Red Ruth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-562	2E	26'37.5	A/B			100				W			S		M		27		8	
561	"	26'50	B/C				50	50		W			N		M		56		<2	
559	"	26'75	B/C			100				W			N		M		3		<2	
558	"	26'87.5	B/C				100			W			flat		L		1		<2	
557	"	27'12.5	B			50	50			W			N		M		36		10	
556	"	27'37.5	B			100				W			N		M		<1		2	
555	"	27'50	B			100				W			S		M		<1		6	
554	"	27'62.5	B/C			50	50			W			N		M		<1		4	
553	"	27'87.5	B/C				50	50		W			S		M		1		<2	
552	"	28'00	B			50	50			W			flat		L		<1		2	
551	"	28'25	B/C			25	75			W			flat		L		2		<2	
549	"	28'50	B			100				W			flat		L		4		2	
547	"	28'75	B/C			25	75			W			flat		L		4		4	
545	"	29'00	B				100			W			flat		L		4		2	
543	"	29'25	B			25	75			W			N		M		<1		<2	
540	"	29'75	B/C			25	75			W			flat		L		3		<2	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

SAMPLER: Dallas W Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M				
DM-539	2 E	29'87.5	B/C			75	25			W			flat			L	<1		4
538	"	30'2.5	B			50	50			m			N		M		5		2
537	"	30'25	B			50	50			m			flat			L	10		<2
536	"	30'37.5	B			100				m			N		M		5		<2
—	"	30'62.5																	
535	"	30'87.5	B/C					100		m			N		M		9		<2
534	"	31'00	B/C					100				D	flat			L	<1		<2
532	"	31'25	B/C					100				D	N	H			24		4
530	"	31'50	B			50	50			W			N		M		2		<2
528	"	31'75	B			100				W			N	H			<1		4
526	"	32'00	B			75	25			W			N		M		2		12
525	"	32'25	B			75	25			W			N		M		<1		2
523	"	32'50	B			75	25			W			S		M		<1		6
521	"	32'75	B			50	50			W			N		M		25		2
519	"	33'00	B			100				W			flat			L	3		<2

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black



PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L	
DM-571	3E	35'00	B/C			100				W				N		M		<1		<2	
572	"	34'75	B/C			50	50			W				N		M		<1		4	
573	"	34'62.5	B			100				W				flat			L	10		<2	
574	"	34'50	B			50	50			W				flat			L	<1		2	
576	"	34'25	B/C					100		W				S		M		<1		4	
578	"	34'00	B/C					100			M			N		M		<1		6	
—	"	33'75	OUTCROP N/S																		
—	"	33'50	OUTCROP N/S																		
579	"	33'25	B			25	75			W				flat			L	1		22	
580	"	33'00	B/C			100				W				S		M		3		2	
582	"	32'75	B/C			100				W				S	H			1		4	
583	"	32'62.5	B/C			50	50			W				S	H			2		<2	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-592	4+00	34+25	B			100				✓			S	✓		1		8		
594	"	34+00	B/C					100			✓		S		✓	<1		6		
596	"	33+75	B/C			50	50			✓			flat		✓	<1		<2		
—	"	33+50				NO SAMPLE :				SWAMP										
—	"	33+25				"														
—	"	33+00				"														
—	"	32+75				"														
597	"	32+50	B/C			50	50			✓			flat		✓	2		<2		
599	"	32+25	B/C					100			✓		flat		✓	4		<2		
601	"	32+00	B/C					100			✓		N		✓	<1		2		

NOTES: Composition: S sand      Colour: E brown    G grey      Water: W wet  
 S silt      O orange    T tan      M moist  
 Cl clay      D dark      R red      D dry  
 Or organic      Bl black

Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

SAMPLER: Dallas W Mann  
 DATE: June 30/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (M)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-603	4E	31'75	B/C			50	50			W			flat		L	1		<2		
605	"	31'50	B			100						D	flat		L	2		<2		
607	"	31'25	B			100				m			flat		L	3		4		
609	"	31'00	B			100				m		S	H			5		<2		
610	"	30'87.5	B			100				W			flat		L	4		<2		
←	"	30'62.5	SWAMP			N/S														
611	"	30'37.5	B/C			50	50			W			S		M	1		4		
612	"	30'25	A/B			50	50			W			flat		L	9		4		
614	"	30'00	B/C				100			W			flat		L	<1		<2		
616	"	29'75	B/C			50	50			W			N		M	1		2		
620	"	29'50	B/C			100				W			N		M	5		<2		
622	"	29'25	B/C				50	50		W			N		M	<1		<2		
624	"	29'00	B/C			25	75					D	N		M	<1		<2		
---	"	28'75	OUTCROP			N/S														
---	"	28'50	OUTCROP			N/S														
---	"	28'25	OUTCROP			N/S														

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W Mann  
 DATE: June 30/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Broken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
—	4E	28'00																		
—	"	27'75																		
—	"	27'50																		
DM-625	"	27'37.5	A/B			100				W		flat			L	5		4		
—	"	27'12.5																		
626	"	26'87.5	B/C			50	50					D flat			L	<1		<2		
627	"	26'75	B/C			100						D S		M		<1		4		
—	"	26'50																		
—	"	26'25																		
629	"	26'12.5	B/C					100		W		N		M		<1		<2		
630	"	26'00	B			100						N		M		1		2		
632	"	25'75	B			100				W		flat			L	6		2		
633	"	25'50	B/C					100		W		flat			L	1		<2		
635	"	25'25	B/C			25	75					N		M		<1		<2		
637	"	25'00	B/C			75	25					N		M		<1		2		
639	"	24'75	B/C					100		W		flat			L	<1		2		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: June 30/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Radkuth.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
	4E	24'50																		
	"	24'25																		
	"	24'00																		
	"	23'75																		
640	"	23'2.5	B			100				m		N		M		1		14		
641	"	23'50	B/C			100				m		N		M		<1		<2		
643	"	23'25	B/C			100						D flat			L	<1		<2		
645	"	23'00	B/C			100		W				flat			L	<1		<2		
647	"	22'75	B/C			50	50			M		S		M		<1		<2		
649	"	22'50	B/C			100		W				flat			L	1		2		
	"	22'25																		
	"	22'00																		
	"	21'75																		
	"	21'50																		
	"	21'25																		
	"	21'00																		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Monr  
 DATE: June 30/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-650	4+00E	20+75N	B			100				✓			S		✓		3		6	
651	"	20+50	B			50	50			✓			↔			✓	12		<2	
653	"	20+25	B/C				100			✓			↔			✓	5		2	
655	"	20+00	B			50	50			✓			↔			✓	2		8	
—	"	19+50	NO SAMPLE:		5WAMP															
657	"	19+00	B/C				100			✓			N		✓		<1		6	
659	"	18+75	B/C				100			✓			N		✓		<1		<2	
661	"	18+50	B/C				25	75		✓			N		✓		3		6	
663	"	18+25	B			100				✓			N		✓		<1		4	
664	"	18+12.5	B			100				✓			N		✓		<1		<2	
—	"	18+00	NO SAMPLE:		OUTCROP															
665	"	17+75	B			100				✓			N	✓			10		12	
666	"	17+50	B			100					✓		↔			✓	9		10	
667	"	17+25	B			100				✓			S		✓		2		6	
669	"	17+00	B			25	75			✓			↔			✓	33		2	
670	"	16+87.5	B			100				✓			↔			✓	5		6	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W Mann  
 DATE: June 30, 1995

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Keith

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-671	4E	16'2.5	B			100				W			S		M		8		8	
672	"	16'50	B			100						M	S		M		1		4	
676	"	16'00	B			100						M	S			L	<1		<2	
677	3E	16'00	B/C			100				W			flat			L	<1		<2	
679	"	16'25	B/C			50	50			W			N		M		<1		<2	
681	"	16'50	B/C			100				W			N		M		<1		<2	
683	"	16'75	B/C				25	75				M	N		M		<1		4	
685	"	17'00	B			100						M	N		M		4		4	
687	"	17'25	B/C			100						M	N		M		2		<2	
689	"	17'50	B			100						M	flat			L	2		<2	
691	"	17'75	B			25	75					M	N		M		<1		14	
---	"	18'00	OUTCROP N/S																	
---	"	18'25	OUTCROP N/S																	
692	"	18'37.5	B			100						M	S		M		3		10	
---	"	18'50	SWAMP N/S																	
---	"	18'75	SWAMP N/S																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redpath

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
		(m)																		
---	3E	19'00																		
---	"	19'25																		
DM-693	"	19'37.5	B/C					100		W		S		M		<1		6		
694	"	19'50	A/B					100		W		S		M		1		2		
---	"	19'75																		
---	"	20'00																		
---	"	20'25																		
695	"	20'37.5	B					100		W		flat			L	10		8		
---	"	20'50																		
---	"	20'75																		
---	"	21'00																		
---	"	21'25																		
---	"	21'50																		
---	"	21'75																		
---	"	22'00																		
---	"	22'25																		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black



SAMPLER: Dallas W Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redpath.

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M				
1	3E	22'50	SWAMP	NOT TAKEN		NO				SAMPLE									
2		22'75																	
3		23'00																	
4		23'25																	
5		23'50																	
6		23'75																	
7		24'00																	
8		24'25																	
9		24'50																	
10		24'75																	
11		25'00																	
12		25'25																	
13		25'50																	
14		25'75																	
15		26'00																	
16		26'25	SWAMP	NO	SAMPLE														

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Bull

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (m)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-696	3E	2637.5	B/C	NOT TAKEN		100				W			N		M		3		6	
697	"	2650	B			100				W			N		M		1		<2	
	"	2675	OUTCROP			N/S														
698	"	2700	B/C			50.50				W			flat		L		<1		<2	
700	"	2725	B/C					100			M		N		M		1		<2	
	"	2750																		
	"	2775	OUTCROP			N/S														
	"	2800																		
	"	2825																		
701	"	2850	B			100				W			S		M		20		<2	
702	"	2875	B			100				W			N		M		4		4	
	"	2900	OUTCROP			N/S														
703	"	2912.5	B/C			100				W			S		M		2		2	
704	"	2925	B/C			100				W			S		M		4		12	
706	"	2950	B/C			100				W			flat		L		14		4	
708	"	2975	B/C			100					M		flat		L		<1		<2	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS
	LINE	CHAINAGE (m)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	
DM-710	3E	30'00	B/C			50	50			M			flat		L	1		<2	
712	"	30'25	B/C							W			S		M	<1		14	
714	"	30'50	B/C			25	75					D	S		M	<1		2	
716	"	30'75	B/C			100						M	S		M	2		8	
	"	31'00	SWAMPY																
	"	31'25																	
	"	31'50																	
	"	31'75																	
	"	32'00																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 4 /95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
0M-719	5+00	34+50	B	25	R/B	50	50				✓		N			✓	5		6	
720	"	34+25	B	25	R/B	25	75				✓		S			✓	3		2	
721	"	34+00	A/B	20	G	25	75				✓		N			✓	<1		<2	
722	"	33+75	A/B	20	G/B	25	75				✓		flat			✓	<1		<2	
723	"	33+50	A/B	30	G/B	25	75			✓			S			✓	<1		4	
724	"	33+25	B	30	R/B	75	25				✓		S			✓	4		<2	
725	"	33+00	A/B	30	G/B	25	75				✓		S			✓	<1		<2	
726	"	32+75	B	20	B	25	75				✓		S		✓		<1		2	
727	"	32+50	B	30	G/B	75	25				✓		S		✓		26		<2	
728	"	32+25	A/B	25	G	25	75				✓		flat			✓	<1		6	

NOTES: Composition S: sand C: clay O: organic Colour E: brown O: orange D: dark B: black Water W: wet M: moist D: dry Slope H: high M: medium L: low >20° 5° - 20° 0° - 5°

SAMPLER: Dallas W Mann  
 DATE: July 4/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Red Ruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M					L
—	5E	3200	SWAMP	N/S																
DM-729	"	31'75	B	40	G/B	20	80			m	N		L	<1		4				
730	"	31'50	B	25	B	20	80			m	N		L	3		2				
731	"	31'25	A/B	36	G/B	80	20			m	S		L	<1		<2				
732	"	31'00	A/B	30	G/B	80	20			m	flat		L	<1		<2				
733	"	30'75	A/B	30	G/B	80	20			m	flat		L	<1		<2				
734	"	30'50	B	40	B	10	60	30		m	S		L	<1		6				
735	"	30'25	A/B	30	G/B	100				m	flat		L	5		<2				
—	"	30'00	OUTCROP	N/S																
736	"	29'75	B	25	O/B	80	20			m	N	H		3		8				
737	"	29'50	B	20	O/B	80	20			m	N	M		3		2				
738	"	29'25	B	20	O/B	80	20			m	flat		L	4		<2				
—	"	29'00	OUTCROP	N/S																
739	"	28'75	B/C	20	G/B	80	20			m	S	M		1		2				
740	"	28'50	A/B	25	G/B	75	25			m	S	M		2		2				
—	"	28'25	SWAMP	N/S																

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas Williams  
 DATE: July 4/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redkuth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	5E	28'00			SWAMP		NO													
—	"	27'75			}	}	}	}	}											
—	"	27'50																		
—	"	27'25																		
—	"	27'00																		
—	"	26'75																		
—	"	26'50		SWAMP		NO														
DM-741	"	26+25	B	20	Brown	50	50			✓		N		✓	2		4			
742	"	26+00	A/B	100	Black grey/brown	50	50			✓		N		✓	6		<2			
743	"	25+75	A/B	130	"	25	75			✓		N		✓	<1		<2			
744	"	25+50	B	25	Grey/brown	75	25			✓		N		✓	2		<2			
—	"	25+25			OUTCROP		NO													
745	"	25+00	B	30	brown	75	25			✓		S		✓	2		<2			
746	"	24+75	B	25	brown	25	75			✓		S		✓	<1		<2			
747	"	24+50	B	20	brown	20	80			✓		S		✓	<1		<2			
748	"	24+25	C	50	Grey		100			✓				✓	<1		2			

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Carlos W. Mann  
 DATE: July 4/95

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-749	L5+00E	24+00N	C	40	Bk/OB			100			✓			↔			✓	<1		<2	
750	"	23+75	B	25	O/B	50	50				✓			N		✓		1		12	
	"	23+50			OUTCROP:	NO SAMPLE															
751	"	23+25	B	30	O	20	80				✓			N			✓	2		2	
752	"	23+00	B	30	O	10	90				✓			N			✓	7		4	
	"	22+75			OUTCROP:	NO SAMPLE															
753	"	22+50	B	30	G/O	90	10				✓			S		✓		<1		2	
	"	22+25			OUTCROP:	NO SAMPLE															
754	"	22+00	B	15	G/B	50	50				✓			N		✓		<1		14	
755	"	21+75	B	20	O/B	25	75				✓			N		✓		1		<2	
	"	21+50			OUTCROP:	NO SAMPLE															
	"	21+25			"		"			"											
	"	21+00			"		"			"											
756	"	20+75	B	35	B	90	10				✓			S		✓		<1		8	
757	"	20+50	A/B	20	G/B	20	80				✓			S		✓		211		<2	
758	"	20+25	A/B	20	Bk/B		75	25			✓			S			✓	2		8	

NOTES: Composition S sand      Colour B brown    G grey      Water W wet      Slope H high      >20°  
 Si silt      O orange    T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark      R red      D dry      L low      0° - 5°  
 Or organic      Bk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann

DATE: July 4 / 95

PROJECT: 531

LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L					
OM-759	L5+00E	20+00N	B	25	G/B	90	10				✓		N			✓	<1		<2		
760	"	19+75	B	30	G/O	90	10				✓		N			✓	<1		<2		
761	"	19+50	B	25	B	10	90				✓		N		✓	<1		2			
762	"	19+25	B	25	O	20	80				✓		S			✓	<1		6		
763	"	19+00	B	20	B	40	60				✓		N		✓	2		<2			
764	"	18+75	B	20	R/B	10	90				✓		↔			✓	<1		<2		
765	"	18+50	B	20	G/B	40	60				✓		S			✓	2		12		
766	"	18+25	B	30	O/B	40	60				✓		S			✓	4		14		
767	"	18+00	B	25	O	80	20				✓		S			✓	4		6		
768	"	17+75	B	20	DB	60	40				✓		S		✓	2		8			
	"	17+50																			
769	"	17+25	B	20	O/B	30	70				✓		S			✓	16		2		
770	"	17+00	A/B	20	DG	50	50				✓		S			✓	19		6		
771	"	16+75	B/C	30	B/G	10	90				✓		S			✓	<1		<2		
772	"	16+50	B	20	G/B	10	80	10		✓			S		✓	<1		<2			
773	"	16+25	B	25	G/B	20	80				✓		S		✓	15		2			

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high >20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS		
	NINE (E)	CHAINAGE (W)				S	Si	Cl	Or	W	M	D	TREND	H	M	L						
—	6+00	34+75		NO	SAMPLE : OUTCROP																	
MM-780	"	34+50	B	25	R/B	40	40	20		✓			N	✓		55		<2				
781	"	34+25	B	30	G/B	15	75	10		✓			N		✓	19		<2				
782	"	34+00	B	25	O/B	50	25	25		✓			S		✓	4		<2				
783	"	33+75	B/C	35	G/B		25	75			✓		↔		✓	<1		<2				
784	"	33+50	C	30	B			100			✓		S		✓	3		<2				
785	"	33+25	C	30	G/T			100			✓		↔		✓	4		<2				
786	"	33+00	B	30	B	50	50			✓			S		✓	9		<2				
787	"	32+75	C	20	G/B			100			✓		S	✓		21		<2				

NOTES: Compositor: E sand; Colour: E brown, G grey; Water: W wet; Slope: H high, >20°; S silt; O orange, T tan; M moist; M medium, 5° - 20°; C clay; D dark, R red; D dry; L low, 0° - 5°; Or organic; Bix black.

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-788	L6100E	32+50N	C	40	G/B			100			✓		S		✓		2		<2	
789	"	32+25	B/C	20	G/B	25	75					✓	↔			✓	3		<2	
790	"	32+00	B	30	R/B	75	25			✓			N		✓		3		4	
—	"	31+75			OUTCROP: NO SAMPLE															
791	"	31+50	B	35	O/B	100					✓		↔			✓	3		<2	
792	"	31+25	B	35	O/B	90	10			✓			N			✓	11		8	
793	"	31+00	B	45	O/B	100				✓			↔			✓	2		<2	
794	"	30+75	B	40	O/B	100					✓		↔			✓	10		<2	
795	"	30+50	B/C	35	G/B	20	80			✓			S			✓	2		4	
—	"	30+25			OUTCROP: NO SAMPLE															
796	"	30+00	B/C	50	G/B	25	75				✓		↔			✓	16		14	
797	"	29+75	B	35	O/B	20	80				✓		N			✓	167		4	
798	"	29+50	B	40	O	20	80			✓			N		✓		7		4	
799	"	29+25	B	60	G/B	50	50			✓			N		✓		55		2	
800	"	29+00	B	35	O/B	90	10			✓			↔			✓	12		2	
801	"	28+75	B	30	G/B	90	10			✓			S			✓	10		14	

NOTES: Composition: S sand, Si silt, Cl clay, Or organic  
 Colour: E brown, G grey, O orange, T tan, D dark, R rec, Bli black  
 Water: W wet, M moist, D dry  
 Slope: H high (>20°), M medium (5°-20°), L low (0°-5°)

**D** PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Redmtz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-802	L6100E	28+50N	B/C	30	B	10	10	80		✓			S	✓		1		<2		
803	"	28+25	B/C	30	G			10	90		✓		S			17		<2		
804	"	28+00	C	30	G/B				100	✓			S			1		<2		
—	"	27+75			No SAMPLE: SWAMP															
—	"	27+50			"					"										
—	"	27+25			"					"										
805	"	27+00	B/C	50	Blk/B	30	30	40		✓			↔			<1		6		
—	"	26+75			No SAMPLE: SWAMP															
806	"	26+50	B/C	30	G/B	20	20	60		✓			N	✓		1		<2		
807	"	26+25	B	30	O/B	40	60			✓			N	✓		5		<2		
808	"	26+00	B	35	O/B	20	80			✓			N		✓	14		10		
809	"	25+75	B	35	O/B	40	60			✓			N		✓	10		8		
810	"	25+50	B	25	O	40	60			✓			↔			21		<2		
811	"	25+25	B	20	O/B	60	40			✓			S	✓		22		2		
812	"	25+00	B/C	70	G/B	40	60			✓			S			24		<2		
813	"	24+75	B	60	G/B	70	30			✓			↔			9		2		

NOTES: Compositior: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Redrutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-814	L6T00E	21+50N	B/C	45	B		50	50		✓			N		✓	3		<2	drainage southeast	
815	"	24+25	B	20	B	70	30				✓		N		✓	8		<2		
816	"	24+00	B/C	30	B		50	50		✓			↔		✓	7		<2		
817	"	23+75	B/C	40	B		40	60		✓			N		✓	2		<2		
818	"	23+50	B	35	O/B	60	40				✓		↔		✓	4		<2		
819	"	23+25	B	30	O/B	50	50			✓			S		✓	4		<2		
820	"	23+00	B	20	O/G	60	40				✓		↔		✓	9		<2	drainage east	
821	"	22+75	B	15	O	50	50				✓		N		✓	2		4	" "	
822	"	22+50	B	15	B	70	30			✓			N		✓	106		2	" "	
823	"	22+25	B	20	O	90	10			✓			↔		✓	15		<2	" "	
824	"	22+00	B	30	O	80	20			✓			↔		✓	8		16	drainage East	
—	"	21+75	OUTCROP: NO SAMPLE																	" "
825	"	21+50	B	20	B	20	60	20		✓			S		✓	6		<2	" "	
826	"	21+25	B	25	O/B	90	10			✓			↔		✓	12		<2	" "	
827	"	21+00	B	20	B	80	20			✓			N		✓	9		<2	" "	
828	"	20+75	B/C	40	G/B		20	80			✓		N		✓	2		<2	drainage east	

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-829	L6100E	20150N	B	25	B	90	10			✓			S		✓	2		<2	drainage east	
830	"	20125	B/C	50	O/B	40	60			✓			↔		✓	3		<2		
831	"	20100	C	80	O/B	10	90			✓			↔		✓	3		<2		
832	"	19175	C	120	B		100			✓			↔		✓	9		<2		
	"	19150	SWAMP:			NO SAMPLE														
833	"	19125	B/C	20	G/B	10	50	40		✓			N		✓	<1		<2	drainage north	
834	"	19100	B	40	B	50	50			✓			N	✓		11		<2	" "	
835	"	18175	C	40	G/B	10	90			✓			N		✓	1		<2	" "	
836	"	18150	C	30	B	10	90			✓			S	✓		3		<2	drainage south	
837	"	18125	C	30	B	10	90			✓			S	✓		7		<2	" "	
838	"	18100	C	70	G/B	10	90			✓			S		✓	6		<2	drainage east	
839	"	17175	B/C	70	G/B	30	70			✓			N		✓	<1		<2	drainage south	
840	"	17150	B/C	30	G/B	30	70			✓			N		✓	<1		<2	" "	
841	"	17125	B/C	40	G/B	40	60			✓			N		✓	2		<2	" "	
842	"	17100	B	30	O/B	80	20			✓			N		✓	3		4	" "	
843	"	16125	B	30	B	50	50			✓			N		✓	3		<2	drainage east	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 S silt      O orange T tan      M moist      M medium      5° - 20°  
 C clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 531  
 LOCATION: Redrutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-844	L6+00E	16+50W	B	20	O/B	50	50			✓		S	✓			<1		6		
—	"	16+25			SWAMP	NO SAMPLE														
845	L8+00E	14+00W	B	40	B	80	20			✓		↔			✓	7		4		
—	"	14+25			SWAMP	NO SAMPLE														
—	"	14+50			↓					↓										
—	"	14+75			↓					↓										
—	"	15+00			SWAMP	NO SAMPLE														
846	"	15+25	B	40	B	90	10			✓		S			✓	8		<2		
847	"	15+60	B	20	O/B	20	80			✓		S	✓			3		<2		
848	"	15+75	B	20	Blk/B	80	20			✓		↔			✓	2		<2	drainage northwest	
—	"	16+00			Outcrop															
—	"	16+25				NO SAMPLE														
849	"	16+50	B	30	B	80	20			✓		N	✓			1		<2		
850	"	16+75	B	20	B	80	20			✓		N	✓			1		<2		
851	"	17+00	B	40	O/B	90	10			✓		↔			✓	<1		<2		
—	"	17+25			SWAMP	NO SAMPLE														

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 10/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-852	L8700E	17+50N	B	40	G/B	90	10			✓			S			✓	3		<2	
853	"	17+75	B/C	40	G/B	20	80				✓		S		✓		1		<2	
854	"	18+00	B/C	60	B	20	80				✓		S		✓		1		<2	
855	"	18+25	B	40	O	50	50				✓		S		✓		37		<2	
856	"	18+50	B	40	O/B	50	50				✓		S		✓		11		<2	
857	"	18+75	B	30	O/B	50	50				✓		S		✓		5		<2	
858	"	19+00	B	20	B	50	50				✓		N		✓		23		<2	
859	"	19+25	B	20	B	30	70				✓		N			✓	2		<2	
860	"	19+50	B	30	O/G	60	40				✓		S			✓	<1		<2	
861	"	19+75	B	40	B	10	80	10			✓		S		✓		<1		<2	
862	"	20+00	B	30	O/B	30	70				✓		S			✓	<1		<2	
863	"	20+25	B	20	O	50	50				✓		N		✓		2		4	
	"	20+50			OUTCROP :				NO SAMPLE											
864	"	20+75	B	40	B	50	50				✓		↔			✓	22		<2	
865	"	21+00	C	100	Bk/B		100			✓			↔			✓	<1		<2	
866	"	21+25	C	70	B	10	90				✓		↔			✓	<1		<2	

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Bk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 10/95

PROJECT: 531  
 LOCATION: Rednitz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-867	L8+00E	21+50N	B	30	B	90	10			✓			S		✓		1		<2		
868	"	21+75	B	20	B	50	50			✓			S			✓	5		4		
869	"	22+00	C	100	B			100		✓			S			✓	<1		<2		
870	"	22+25	B	15	O/B	50	50			✓			S		✓		8		<2		
871	"	22+50	B	20	O	50	50			✓			NW			✓	4		<2		
872	"	22+75	B	40	O	80	20			✓			NW			✓	12		<2		
873	"	23+00	B	50	B	80	20			✓			NW			✓	5		<2		
874	"	23+25	B	30	G/B	20	80			✓			NE			✓	<1		<2		
875	"	23+50	C	90	B			100		✓			NE			✓	<1		<2		
876	"	23+75	C	20	B	10	90			✓			NE			✓	<1		<2		
877	"	24+00	B	20	T	80	20			✓			NE			✓	<1		<2		
878	"	24+25	C	50	B	10	90			✓			NE			✓	1		<2		
—	"	24+50			SWAMP: NO SAMPLE																
879	"	24+75	C	20	T	20	80			✓			N			✓	8		<2		
880	"	25+00	C	40	B	20	80			✓			N			✓	3		<2		
881	"	25+25	C	50	G/B	10	90			✓			↔			✓	<1		<2		

NOTES: Composition: S sand      Colour: E brown, G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange, T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark, R red      D dry      L low 0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 10/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	8+00E	25+50N			SWAMP :				NO SAMPLE											
—	"	25+75																		
—	"	26+00																		
DM-882	"	26+25	C	50	G/B		100		✓		S		✓	1			<2			
883	"	26+50	C	80	G/B		100		✓		S		✓	<1			<2			
884	"	26+75	C	20	B		10 90		✓		S	✓		2			<2			
885	"	27+00	B/C	20	B		50 50		✓		S		✓	<1			<2			
—	"	27+25			OUTCROP :				NO SAMPLE											
886	"	27+50	C	20	B		5 95		✓		N		✓	<1			<2			
887	"	27+75	C	30	B		10 90		✓		N		✓	<1			<2			
888	"	28+00	C	60	B		100		✓		N	✓		<1			<2			
889	"	28+25	C	20	T		10 90		✓		S	✓		9			<2			
890	"	28+50	B	30	B		20 60 20		✓		S	✓		6			<2			
891	"	28+75	B	40	O/B		50 50		✓		S	✓		1			<2			
911	"	29+00	B	40	O/B		100		✓		N	✓		11			4			
—	"	29+25			OUTCROP :				NO SAMPLE											

NOTES: Composition: S sand; Colour: E brown G grey; Water: W wet; Slope: H high > 20°  
 S: silt; O orange T tan; M moist; M medium 5° - 20°  
 Cl clay; D dark R red; D dry; L low 0° - 5°  
 O: organic; Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 10 / 95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppm	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
—	L8400E	29+50N				NO SAMPLE				OUTCROP										
DM-910	"	29+75	B	40	O/B	70	30			✓		N		✓		1		4		
909	"	30+00	B	35	B	90	10			✓		S		✓		<1		2		
908	"	30+25	B	60	R/B	60	40			✓		S			✓	11		2		
—	"	30+50				NO SAMPLE				←										
907	"	30+75	B	60	B	90	10			✓		←			✓	1		2		
906	"	31+00	B	80	B	100				✓		←			✓	1		2		
905	"	31+25	B	50	O/B	80	20			✓		←			✓	4		2		
904	"	31+50	B	30	B	50	50			✓		S		✓		2		4		
903	"	31+75	B/C	50	B	10	50	40		✓		S		✓		1		2		
902	"	32+00	B/C	30	R/B	10	50	40		✓		S		✓		<1		2		
901	"	32+25	B	20	B	50	40	10		✓		←			✓	17		4		
—	"	32+50				NO SAMPLE				OUTCROP										
—	"	32+75				NO SAMPLE				SWAMP										
900	"	33+00	C	50	B	10	90			✓		SE			✓	<1		2		
899	"	33+25	C	50	G/B	10	90			✓		S			✓	1		2		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      C orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 10/95

PROJECT: 531  
 LOCATION: Rednitz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
DM-898	8+00E	33+50N	C	40	B	10	90			✓		S		✓	<1		2			
897	"	33+75	B	30	B	50	50			✓		N	✓		6		2			
896	"	34+00	B	30	B	10	80	10		✓		N		✓	4		2			
895	"	34+25	C	50	G/B			100		✓		N		✓	2		2			
—	"	34+50			NO SAMPLE :				SWAMP											
894	"	34+75	C	40	B			100		✓		NW		✓	<1		2			
893	"	35+00	C	20	B	10	90			✓		SW		✓	1		2			
892	"	35+25	C	15	B	20	80			✓		NW		✓	<1		2			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      >20°  
 S silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	10+00E	13+25N																		
DM-912	"	13+50	B/C	40	G/B	50	50	✓			S			✓	<1		2			
—	"	13+75																		
913	"	14+00	B	30	B	90	10	✓			S		✓	<1		6				
914	"	14+25	B	20	B	100		✓			S		✓	<1		2				
915	"	14+50	B	15	B	40	60	✓			NW		✓	<1		4				
916	"	14+75	B	20	B	90	10	✓			N		✓	1		6				
917	"	15+00	B	20	G/B	90	10	✓			N		✓	1		2				
918	"	15+25	B	30	G/B	60	40	✓			N		✓	250		4				
919	"	15+50	B	20	B	70	30	✓			N		✓	3		8				
920	"	15+75	B	30	O/B	100		✓			N		✓	6		2				
921	"	16+00	B	30	O/B	100		✓			N		✓	3		4				
922	"	16+25	B	40	O/B	50	50	✓			N		✓	3		20				
923	"	16+50	B	30	P/B	90	10	✓			N		✓	2		4				
924	"	16+75	B	50	O	100		✓			E		✓	<1		4				
925	"	17+00	B	50	O	90	10	✓			E		✓	<1		2				

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-926	10+00E	17+25N	B	40	O	90	10				✓			NE		✓		15		4	
927	"	17+50	B	40	O	90	10				✓			NE			✓	<1		2	
928	"	17+75	B	40	O	90	10			✓				NE			✓	<1		2	
929	"	18+00	B	40	T	90	10			✓				S			✓	4		2	
930	"	18+25	B	20	G/B	80	20			✓				S		✓		1		2	
931	"	18+50	B	25	B	50	50				✓			SW		✓		2		2	
932	"	18+75	B	30	B	90	10			✓				SW			✓	1		8	
933	"	19+00	B	30	G/B	70	30			✓				↔			✓	<1		<2	
—	"	19+25	NO SAMPLE: SWAMP																		
934	"	19+50	B	15	B	90	10			✓				S		✓		5		10	
935	"	19+75	B	20	B	90	10			✓				S		✓		1		10	
—	"	20+00	NO SAMPLE: OUTCROP																		
936	"	20+25	B	20	B	60	40			✓				N		✓		<1		8	
937	"	20+50	B	30	G/B	20	80				✓			N		✓		<1		2	
—	"	20+75	NO SAMPLE: SWAMP																		
938	"	21+00	B	15	O/B	40	40	20		✓				S		✓		2		10	

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S: silt      O orange T tan      M: moist      M: medium 5° - 20°  
 C: clay      D dark R red      D: dry      L: low 0° - 5°  
 O: organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT : 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-939	10+00E	24+25N	B	15	O/B	80	20				✓			NW			✓	4		12
940	"	21+50	B/C	20	T		40	60			✓			SW			✓	<1		<2
941	"	21+75	B	30	B	80	20				✓			NW			✓	1		<2
—	"	22+00	NO SAMPLE :				OUTCROP													
942	"	22+25	B	30	O/B	80	20				✓			NW		✓		3		20
943	"	22+50	B	10	O/B	80	20				✓			NW	✓			1		16
944	"	22+75	B	40	T	80	20				✓			N			✓	1		2
—	"	23+00	NO SAMPLE :				SWAMP													
—	"	23+25	↓				↓													
—	"	23+50																		
—	"	23+75																		
—	"	24+00																		
—	"	24+25									NO SAMPLE :				SWAMP					
945	"	24+50	B	30	T	30	70				✓			S		✓		<1		8
946	"	24+75	B	40	G/B	10	80	10			✓			E			✓	2		4
947	"	25+00	B/C	30	G/B		50	50			✓			↔			✓	8		<2

NOTES: Composition: S sand      Colour: E brown      G grey      Water: W wet      Slope: H high      > 20°  
 S silt      O orange      T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark      R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**D PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W. Mann  
 DATE: July 12 1995

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-948	10+00E	25+25N	C	20	B	10	90			✓				SW			✓	<1			10
949	"	25+50	C	20	B	10	90			✓				SW			✓	<1			4
950	"	25+75	B	40	G/B	80	20			✓				SW			✓	3			<2
951	"	26+00	B	20	O/B	50	50			✓				SW			✓	7			14
952	"	26+25	B	20	O/B	50	50			✓				NW			✓	3			16
—	"	26+50	NO SAMPLE: SWAMP								-										
953	"	26+75	B	50	B	90	10			✓				↔			✓	<1			12
954	"	27+00	C	30	B	10	90			✓				↔			✓	<1			12
955	"	27+25	C	30	T	20	80			✓				↔			✓	1			6
956	"	27+50	B	30	B	90	10			✓				SW			✓	<1			6
957	"	27+75	B	30	B	90	10			✓				NE			✓	<1			6
—	"	28+00	NO SAMPLE: OUTCROP																		
958	"	28+25	B	40	G/B	50	40	10		✓				NE			✓	7			4
—	"	28+50	NO SAMPLE: OUTCROP																		
—	"	28+75	NO SAMPLE: SWAMP																		
—	"	29+00	"		"					"											

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R rec      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

PROJECT: 531  
 LOCATION: Reduta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	10+00E	29+25N																		
—	"	29+50		"	"					"										
—	"	29+75		"	"					"										
—	"	30+00		"	"					"										
M-975	"	30+25	B	30	O/B	80	20			✓	SE	✓		21		10				
974	"	30+50	B	20	O/B	50	50			✓	SE	✓		2		6				
973	"	30+75	B	20	B	90	10			✓	NE	✓		4		4				
—	"	31+00																		
972	"	31+25	B	45	O	50	50			✓	SE	✓		9		4				
—	"	31+50																		
—	"	31+75		"	"					"										
971	"	32+00	B	30	O/B	90	10			✓	N	✓		9		22				
—	"	32+25																		
—	"	32+50		"	"					"										
—	"	32+75		"	"					"										
—	"	33+00		"	"					"										

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W. Mann

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT : 531

DATE: July 13/95

LOCATION: Redrutz

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
—	10+00E	33+25N																			
	NO SAMPLE: SWAMP																				
DM-970	"	33+50	B	10	O	90	10				✓		↔				✓	3		<2	
962	"	33+75	B	10	O/B	80	20				✓		W				✓	28		<2	
961	"	34+00	B	25	B	100					✓		↔				✓	14		2	
960	"	34+25	B	25	O/B	50	50				✓		NW				✓	6		16	
959	"	34+50	B	30	O/B	50	50				✓		W				✓	2		6	
—	11+00E	22+75																			
	NO SAMPLE: SWAMP																				
—	"	23+00	"		"						"										
—	"	23+25	"		"						"										
976	"	23+50	B	30	T	40	40	20			✓		SW				✓	1		<2	
977	"	23+75	C	30	B		10	90			✓		SW				✓	<1		10	
978	"	24+00	C	30	G/B		10	90			✓		SW				✓	<1		<2	
979	"	24+25	B	30	B	50	40	10			✓		SW				✓	7		10	
980	"	24+50	C	15	B		10	90			✓		SW				✓	<1		2	
981	"	24+75	B	20	O/B	80	20				✓		SW				✓	3		14	
982	"	25+00	B	40	G/B	50	50				✓		SW				✓	6		6	

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F red      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT : 531  
 LOCATION: Redmta

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
DM-983	11+00E	25+25N	B	30	B	70	30			✓			NW			✓	<1		4	
984	"	25+50	C	30	B		10	90			✓		SW			✓	2		<2	
985	"	25+75	B	30	O	50	50			✓			SW		✓		<1		2	
986	"	26+00	B	30	G/B	70	30			✓			SW		✓		1		2	
987	"	26+25	B	20	O	80	20			✓			NE		✓		22		20	
988	"	26+50	B/C	20	B	20	40	40		✓			NE		✓		<1		2	
989	"	26+75	B	40	O/B	50	40	10		✓			NW		✓		2		16	
990	"	27+00	B	40	O/B	30	50	20		✓			NW		✓		5		<2	
991	"	27+25	B	20	B	60	40			✓			SW		✓		3		14	
992	"	27+50	B	30	O/B	40	60			✓			S	✓			3		8	
993	"	27+75	B	30	R/B	60	40			✓			NW		✓		1		6	
994	"	28+00	B	30	B	40	40	20		✓			SW		✓		2		8	
995	"	28+25	B	30	B	80	20			✓			NW		✓		5		14	
996	"	28+50	B	30	B	30	70			✓			NE	✓			1		8	
997	"	28+75	B	30	B	60	40			✓			S		✓		2		6	
—	"	29+00	NO SAMPLE : OUTCROP																	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 12/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
—	11+00E	29+25N				NO SAMPLE: SWAMP														
DM-998	"	29+50	B/C	30	B	40	60			✓	S			✓	2		6			
999	"	29+75	B	25	O/B	60	40			✓	W			✓	19		16			
—	"	30+00				NO SAMPLE: SWAMP														
1000	"	30+25	B	40	O	60	40			✓	NW	✓		3		6				
—	"	30+50				NO SAMPLE: SWAMP														
1001	"	30+75	B	30	G/B	20	80			✓	N			✓	5		<2			
1002	"	31+00	B/C	30	B	20	50	30		✓	N		✓	2		6				
1003	"	31+25	B	20	B	10	90			✓	NE			✓	1		4			
1004	"	31+50	B	20	G/B	10	90			✓	E		✓	<1		4				
—	"	31+75				NO SAMPLE: SWAMP														
—	"	32+00			"					"										
—	"	32+25			"					"										
—	"	32+50			"					"										
—	"	32+75			"					"										
—	"	33+00				NO SAMPLE: OUTCROP														

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 13/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
DM-1005	11+00E	33+25N	C	20	B	10	90			✓			S		✓		<1		<2	
1006	"	33+50	B	20	O/B	50	50			✓			S			✓	3		8	
1007	"	33+75	B/C	40	B	20	40	30	10	✓			S			✓	1		12	
—	"	34+00	NO SAMPLE: SWAMP																	
1008	"	34+25	C	30	B	10	90			✓			N		✓		1		<2	

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-1100	14+00E	11+00N	B	30	B	50	50			✓			W		✓		5		-	
1101	"	11+25	B	30	B	90	10				✓		NW		✓		1		6	
1102	"	11+50	B	30	B	50	50			✓			NW		✓		42		10	
1103	"	11+75	B	25	B	90	10				✓		NW			✓	<1		14	
1104	"	12+00	B	40	B	90	10			✓			W		✓		1		2	
1105	"	12+25	B	50	B	80	20			✓			W			✓	210		4	
1106	"	12+50	B/C	40	B	50	50				✓		W			✓	<1		6	
1107	"	12+75	C	40	B	10	90				✓		NW		✓		<1		8	
1108	"	13+00	C	40	B		100				✓		NW			✓	<1		4	
1109	"	13+25	C	40	B	10	90			✓			NE			✓	<1		8	
1110	"	13+50	B	40	B	50	25	25		✓			NE			✓	<1		4	
1111	"	13+75	B/C	20	B	60	40				✓		E		✓		1		4	
1112	"	14+00	B/C	20	B	60	40				✓		SE	✓			<1		6	
1113	"	14+25	B	20	OB	80	20				✓		E			✓	1		20	
1114	"	14+50	B	20	O	80	20				✓		SE	✓			2		16	
—	"	14+75	NO SAMPLE: OUTCROP																	

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
OM-1115	14+00E	15+00N	B	20	o/B	50	50			✓		NE		✓	7		14			
1116	"	15+25	B/C	30	B	60	40			✓		NE		✓	2		2			
1117	"	15+50	B/C	20	T	60	40			✓		W		✓	2		<2			
1118	"	15+75	B/C	20	B	40	60			✓		NW		✓	2		2			
1119	"	16+00	B/C	15	B	40	60			✓		NW	✓		3		2			
—	16+00E	18+00			NO SAMPLE: SWAMP															
—	"	18+25			"							"								
—	"	18+50			"							"								
1120	"	18+75	B	40	B	60	40			✓		SW		✓	2		4			
1121	"	19+00	C	40	B	10	90			✓		↔		✓	<1		8			
1122	"	19+25	B/C	20	B	40	60			✓		↔		✓	1		4			
1123	"	19+50	B/C	20	B	60	40			✓		N	✓		2		2			
1124	"	19+75	B	20	B	90	10			✓		NW		✓	1		2			
1125	"	20+00	B	30	o/B	20	80			✓		NW		✓	1		2			
—	"	20+25			NO SAMPLE: SWAMP															
—	"	20+50			"							"								

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high      >20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L						
—	16+00E	20+75N				NO SAMPLE: SWAMP																
—	"	21+00		"																		
—	"	21+25		"																		
—	"	21+50		"																		
—	"	21+75		"																		
DM-1126	"	22+00	B	40	B	90	10			✓			S			✓	<1		4			
1127	"	22+25	B	20	B	90	10			✓			S		✓	<1		2				
1128	"	22+50	B	40	B	10	90			✓			↔		✓	<1		4				
1129	"	22+75	C	40	O/B			100		✓			↔		✓	<1		2				
1130	"	23+00	C	40	G/B			100		✓			↔		✓	1		6				
1131	"	23+25	B	30	B	30	30	10	30	✓			W		✓	4		8				
1132	"	23+50	B	40	B	80	20			✓			W		✓	<1		4				
1133	"	23+75	B	25	B	80	20			✓			SW		✓	24		6				
1134	"	24+00	B	30	O	80	20			✓			SW	✓		5		16				
1135	"	24+25	B	30	O/B	90	10			✓			W	✓		1		20				
1136	"	24+50	B	30	B	100				✓			W		✓	7		6				

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 18/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-1137	16+00E	24+75N	B	30	O/B	100					✓		NW			✓	2		14	
1138	"	25+00	B	40	B	90	10				✓		↔			✓	1		12	
1139	"	25+25	B	40	O/B	60	40				✓		S			✓	4		16	
1140	"	25+50	B	30	O/B	100					✓		SE			✓	2		-	
1141	"	25+75	B	30	B	50	50				✓		SE			✓	2		14	
1142	"	26+00	B	20	O/B	90	10				✓		E			✓	280		20	
1143	"	26+25	B	30	B	90	10				✓		SE			✓	21		16	
1144	"	26+50	B	15	T	100					✓		SE			✓	11		12	
1145	"	26+75	B	20	B	70	30				✓		SE			✓	1		20	
1146	"	27+00	B	25	O/B	90	10				✓		N	✓			1		24	
1147	"	27+25	B	15	B	50	50				✓		N	✓			1		12	
1148	"	27+50	B	25	B	90	10				✓		↔			✓	3		6	
1149	"	27+75	B	30	O	50	50				✓		NE			✓	2		16	
—	"	28+00	NO SAMPLE : SWAMP																	
—	"	28+25	NO SAMPLE : SWAMP																	
1150	"	28+50	B	60	B	100					✓		SE			✓	2		4	

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      C orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: Dallas W. Mann  
 DATE: July 18/95

**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
DM-1151	16+00E	28+75N	B	40	0	100				✓			SE		✓		8		6	
1152	"	29+00	B	40	B	50	50			✓			S			✓	<1		4	
1153	"	29+25	B	20	0	60	40			✓			S		✓		4		10	
1154	"	29+50	B	35	B	10	90			✓			E			✓	5		2	
1155	"	29+75	B	25	B	60	40			✓			E		✓		5		14	
1156	"	30+00	B	30	B	50	50			✓			E		✓		1		4	
1157	14+00E	29+00	B	40	0	50	50			✓			S	✓			3		4	
1158	"	29+25	B	30	O/G	90	10			✓			S	✓			1		6	
1159	"	29+50	B	30	O/G	90	10			✓			NW			✓	5		12	
1160	"	29+75	B	40	B	100				✓			NE			✓	9		14	
1161	"	30+00	B	30	0	60	40			✓			NE		✓		3		16	
—	"	30+25	NO SAMPLE: OUTCROP																	
1162	"	30+50	B	30	B	100				✓			↔			✓	<1		6	
1163	"	30+75	B/C	25	B	40	60			✓			NW			✓	<1		4	
1164	"	31+00	B	25	B	80	20			✓			NW			✓	1		2	

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet  
 Si silt      O orange T tan      M moist  
 Cl clay      D dark R red      D dry  
 Or organic      Blk black      Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 15 /95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
OM-1168	20+00E	16+00N	C	25	G/B	10	90			✓		S			✓	<1		12		
1169	"	16+25	B	30	B	50	50			✓		S			✓	<1		4		
1170	"	16+50	B	30	O/B	90	10			✓		S	✓			5		24		
—	"	16+75				NO SAMPLE: OUTCROP														
1171	"	17+00	B	20	O/B	30	70			✓		NE	✓			<1		18		
1172	"	17+25	B	25	B	90	10			✓		SE		✓		7		12		
—	"	17+50				NO SAMPLE: OUTCROP														
—	"	17+75				NO SAMPLE: OUTCROP														
1173	"	18+00	B	30	B	50	50			✓		NE		✓		2		6		
1174	"	18+25	B	15	B	50	50			✓		NE		✓		5		12		
1175	"	18+50	B	20	B	60	40			✓		E		✓		5		6		
1176	"	18+75	B/C	20	B	40	60			✓		E		✓		3		8		
1177	"	19+00	C	20	B	10	90			✓		E		✓		2		6		
—	"	19+25				NO SAMPLE: SWAMP														

NOTES: Composition S: sand, O: silt, Cl: clay, Or: organic  
 Colour B: brown, G: grey, O: orange, T: tan, D: dark, R: red, Bl: black  
 Water W: wet, M: moist, D: dry  
 Slope H: high (>20°), M: medium (5°-20°), L: low (0°-5°)

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 19 1995

PROJECT: 531  
 LOCATION: Redpath

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm	
—	20+00E	19+50N		NO	SAMPLE: SWAMP																
—	"	19+75		"	"					"											
—	"	20+00		"	"					"											
DM-1178	"	20+25	B	30	B	80	20			✓		S		✓		2		6			
1179	"	20+50	B	50	O/B	80	20			✓		S		✓		1		4			
1180	"	20+75	B	40	O/B	80	20			✓		N	✓			7		8			
1181	"	21+00	B	30	O/B	80	20		✓			S		✓		4		6			
1182	"	21+25	C	50	B			100	✓			↔		✓		<1		6			
1183	"	21+50	C	30	B			100	✓			↔		✓		<1		6			
1184	"	21+75	B	50	G/B			100		✓		↔		✓		<1		4			
1185	"	22+00	B	40	B			90	10	✓		↔		✓		<1		2			
1186	"	22+25	B/C	20	B			50	50		✓	↔		✓		<1		2			
1187	"	22+50	C	30	B			100		✓		↔		✓		<1		8			
1188	"	22+75	C	30	B			100		✓		↔		✓		1		4			
1189	"	23+00	C	20	B			100			✓	S		✓		1		10			
1190	"	23+25	C	20	B			10	90		✓	S		✓		<1		6			

NOTES: Composition: S sand      Colour: E brown    G grey      Water: W wet  
 S: silt      O orange    T tan      M moist  
 Cl clay      D dark      R red      D dry  
 O: organic      Blk black

Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-1191	20+00E	23+50N	B	30	B	60	40			✓			NW		✓		3		8	
1192	"	23+75	B	25	B	60	40			✓			NW			✓	3		2	
1193	"	24+00	B	30	B	60	40			✓			NW			✓	24		8	
1194	"	24+25	B	30	B	50	50			✓			W			✓	1		<2	
1195	"	24+50	C	30	B			100		✓			SW			✓	<1		8	
1196	"	24+75	B	40	O/B	80	20			✓			SW			✓	<1		<2	
1197	"	25+00	B	20	O/B	80	20			✓			SW			✓	7		8	
1198	"	25+25	B	20	O/B	90	10				✓		W			✓	2		8	
1199	"	25+50	B	30	O/B	100				✓			W			✓	<1		2	
1200	"	25+75	B	30	O/B	90	10			✓			W			✓	<1		<2	
1201	"	26+00	B	30	O/B	90	10			✓			W			✓	<1		<2	
1202	"	26+25	B	40	B	80	20			✓			W			✓	<1		<2	
1203	"	26+50	B	30	B	50	50			✓			S			✓	<1		<2	
1204	"	26+75	B	20	O/B	50	50			✓			SW		✓		2		2	
1205	"	27+00	B	25	O/B	50	50			✓			W			✓	<1		6	
1206	"	27+25	B	20	O/B	40	60			✓			SW			✓	8		4	

NOTES: Composition S sand Colour E brown G grey Water W wet Slope H high >20°  
 S: silt O orange T tan M moist M medium 5° - 20°  
 Cl: clay D dark R red D dry L low 0° - 5°  
 Or: organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 19/95

PROJECT: 531  
 LOCATION: Kedruth

SAMPLE NUMBER	GRID		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	COORDINATES					S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
	LINE	CHAINAGE															ppb	ppm	ppm	
DM-1207	20+00E	27+50N	B	20	W/B	90	10			✓			N			✓	20		16	
1208	"	27+75	B	30	W/B	40	60				✓		N			✓	1		2	
1209	"	28+00	C	30	B	10		90		✓			N		✓	<1		12		
1210	"	28+25	B/C	40	B		40	60			✓		N			✓	<1		4	

NOTES: Composition S sand Colour E brown G grey Water W wet Slope H high > 20°  
 S silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-1222	27+00E	28+75N	B	25	O/B	80	20			✓		S		✓		3		18		
1223	"	28+50	B	40	B	90	10			✓		N		✓	<1		4			
1224	"	28+25	B	40	O/B	90	10			✓		N		✓	120		14			
—	"	28+00	NO SAMPLE: OUTCROP																	
1225	"	27+75	B	30	B	80	20			✓		N		✓	6		6			
—	"	27+50	NO SAMPLE: OUTCROP																	
1226	"	27+25	B	20	B	90	10			✓		↔		✓	1		18			
1227	"	27+00	B	15	B	60	40			✓		S	✓		58		36			
1228	"	26+75	B	30	B	80	20			✓		S		✓	<1		6			
1229	"	26+50	B	25	B	10	90			✓		N		✓	2		2			
1230	"	26+25	B	25	O/B		90	10		✓		N		✓	1		<2			
1231	"	26+00	B	30	O	90	10			✓		NW		✓	<1		<2			
1232	"	25+75	B	25	B	90	10			✓		S		✓	18		6			
1233	"	25+50	B	20	O/B	90	10			✓		S	✓		1		8			
1234	"	25+25	B	30	B	50	40	10		✓		S		✓	2		2			
1235	"	25+00	C	35	B	10	10	80		✓		N		✓	<1		4			

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-1236	27+00E	24+75N	B	20	B	50	40	10		✓			N		✓	<1		<2		
1237	"	24+50	C	20	B		10	90			✓		N		✓	<1		<2		
1238	"	24+25	C	25	B		10	90			✓		NE		✓	1		<2		
1239	"	24+00	C	30	B			100			✓		SW		✓	1		<2		
1240	"	23+75	C	20	B		10	90			✓		W		✓	<1		2		
1241	"	23+50	B	20	G/B		80	20			✓		W		✓	1		<2		
1242	"	23+25	B	35	B	10	90				✓		NW		✓	2		<2		
1243	"	23+00	B	20	B	10	90				✓		W		✓	<1		<2		
1244	"	22+75	B	20	O/B	20	50	30			✓		NW	✓		<1		<2		
1245	"	22+50	B	25	B	80	20			✓			NW	✓		<1		12		
1246	"	22+25	B	25	O/B	70	30				✓		SW		✓	1		4		
1247	"	22+00	B	30	O/B	90	10				✓		SW	✓		4		50		
1248	"	21+75	C	50	G/B			100			✓		↔		✓	2		<2		
—	"	21+50		No	SAMPLE:				SWAMP											
1249	"	21+25	B	30	B	10	90				✓		SE	✓		1		<2		
1250	"	21+00	B	20	B	90	10				✓		SE	✓		2		2		

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
DATE: July 20/95

PROJECT: 531  
LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-1251	27+00E	20+75N	B	30	B	20	80			✓			SE		✓		<1		2	
1252	"	20+50	B	25	O/B	90	10			✓			SE		✓		4		8	
1253	"	20+25	B	25	O/B	90	10			✓			SE			✓	4		16	
1254	"	20+00	B	10	O/B	90	10			✓			NE			✓	3		18	
1255	"	19+75	B	30	B	80	20			✓			NE			✓	2		4	
1256	"	19+50	B	50	G/B	90	10			✓			NE	✓			7		<2	
1257	"	19+25	B	30	O/B	20	70	10		✓			S	✓			4		16	
1258	"	19+00	B	30	O/B	90	10			✓			NE	✓			2		8	
1259	"	18+75	C	50	B	10	90			✓			↔			✓	4		<2	
1260	"	18+50	B	50	B	100				✓			SE			✓	2		8	
1261	"	18+25	B	20	O/B	90	10			✓			SE		✓		5		20	
1262	28+00E	18+00N	B	30	B	70	30			✓			SE		✓		7		8	
1263	"	17+75	B	20	B	30	60	10		✓			SE		✓		1		<2	
1264	"	17+50	B	20	B	50	50			✓			SW	✓			1		18	
1265	"	17+25	B	50	O/B	90	10			✓			↔			✓	2		18	
1266	"	17+00	B	20	O/B	90	10			✓			S			✓	3		16	

NOTES: Composition: S sand Colour: E brown G grey Water: W wet Slope: H high >20°  
Si silt O orange T tan M moist M medium 5° - 20°  
Cl clay D dark R red D dry L low 0° - 5°  
Or organic Blk black



**D PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 20/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-1267	28+00E	16+75N	B	30	G/B	10	90				✓			N			✓	4		4	
1268	"	16+50	B	35	B	90	10				✓			N			✓	4		12	
1269	"	16+25	B	20	B	20	80				✓			S		✓		1		12	
1270	"	16+00	B	35	O/B	90	10				✓			S	✓			1		12	
1271	"	15+75	B	35	B	90	10				✓			↔			✓	<1		4	
—	"	15+50	NO SAMPLE: SWAMP																		
1272	"	15+25	C	40	B	10	90				✓			↔			✓	1		6	
1273	"	15+00	B	20	B	90	10		✓					↔			✓	<1		4	
1274	"	14+75	C	15	B	10	90			✓				S		✓		<1		8	
1275	"	14+50	C	20	B		100			✓				N		✓		1		8	
1276	"	14+25	C	60	B		100		✓					↔			✓	<1		6	
1277	"	14+00	C	20	B	10	90			✓				N		✓		1		4	
1278	"	13+75	B	30	O/B	50	50			✓				N	✓			<1		6	
1279	"	13+50	B	30	O/B	90	10			✓				N		✓		27		20	
—	"	13+25	NO SAMPLE: OUTCROP																		
1280	"	13+00	B	40	O/B	90	10			✓				S	✓			12		10	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**D** PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
 DATE: July 20 / 95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
	L28100E	12+75N																		
	"	12+50																		
DM-1281	"	12+25	B	30	B	50	50			✓				E			✓	5	6	
1282	"	12+00	B	20	B	80	20			✓				E			✓	2	12	
1283	"	11+75	B	35	O/B	90	10			✓				E		✓		4	10	
1284	"	11+50	B	30	O	100				✓				NE		✓		2	8	
1285	"	11+25	B	30	O/B	90	10			✓				NE	✓			2	14	
1286	"	11+00	B	20	B	90	10			✓				NE	✓			2	4	

NO SAMPLE: SWAMP

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Redoubt

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm		
DM-1325	30+00E	10+50N	B/C	30	B	40	20	40			✓			NE			✓	1		4	
1326	"	10+75	B	35	B	80	20				✓			NE			✓	59		4	
1327	"	11+00	B	40	B	100				✓				NE		✓		1		4	
1328	"	11+25	B	30	B	100				✓				N		✓		40		10	
—	"	11+50	NO SAMPLE:						SWAMP												
—	"	11+75	"	"	"	"	"	"	"	"	"	"	"								
—	"	12+00	"	"	"	"	"	"	"	"	"	"	"								
—	"	12+25	"	"	"	"	"	"	"	"	"	"	"								
—	"	12+50	"	"	"	"	"	"	"	"	"	"	"								
—	"	12+75	"	"	"	"	"	"	"	"	"	"	"								
1329	"	13+00	B	50	B	90	10			✓			↔			✓	2		2		
1330	"	13+25	B/C	35	B	50		50		✓			N			✓	<1		8		
1331	"	13+50	C	60	G			100		✓			↔			✓	5		4		
1332	"	13+75	C	60	D-B			50	50	✓			NE			✓	<1		6		
1333	"	14+00	B/C	70	B	50		50		✓			N			✓	1		10		
1334	"	14+25	C	60	B			100		✓			NE			✓	4		8		

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high      > 20°  
 S silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 24/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
—	30+00 E	14+50 N																		
NO SAMPLE : SWAMP																				
DM-1335	"	14+75	C	20	B		10	90			✓		S		✓			3		4
1336	"	15+00	C	25	B		20	80			✓		S		✓			2		6
1337	"	15+25	B	30	B		80	20			✓		S	✓				<1		<2
1338	"	15+50	B	15	B		50	50			✓		S	✓				<1		2
1339	"	15+75	B	15	B		60	40			✓		N		✓			3		6
1340	"	16+00	B	25	G/B		100				✓		N	✓				4		6
1341	"	16+25	B	30	B		50	50			✓		S		✓			<1		4
1342	"	16+50	C	20	B		10	90			✓		↔			✓		1		<2
1343	"	16+75	C	30	G/B		10	90			✓		↔			✓		<1		2
1344	"	17+00	C	30	G/B		10	90			✓		NE			✓		<1		<2
1345	"	17+25	B	20	B		20	70	10		✓		NE			✓		3		2
1346	"	17+50	B	25	B		50	50			✓		NE			✓		2		10
1347	"	17+75	C	15	B			100			✓		N		✓			<1		<2
—	"	18+00																		
NO SAMPLE : SWAMP																				
—	"	18+25																		

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 24 / 95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm	
—	30+00E	18+50N		NO	SAMPLE: SWAMP																
DM-1348	"	18+75	C	30	T		100											<1	12		
—	"	19+00		NO	SAMPLE: SWAMP																
—	"	19+25		"	"																
—	"	19+50		"	"																
1349	"	19+75	B	20	T	30	70											4	<2		
1350	"	20+00	B/C	20	B	20	80											4	6		
1351	"	20+25	B	20	B	80	20											3	4		
1352	"	20+50	B	20	B	10	80	10										4	6		
1353	"	20+75	B/C	20	B	10	40	50										5	<2		
1354	"	21+00	C	20	B		10	90										1	4		
1355	"	21+25	B/C	20	B		30	70										<1	<2		
1356	"	21+50	B	30	B	90	10											<1	2		
1357	"	21+75	B/C	20	B	10	40	50										<1	<2		
1358	"	22+00	B	30	O/B	50	50											3	6		
1359	"	22+25	B	30	O/B	60	40											3	20		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 S: silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 24 / 95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-1360	30+00E	22+50N	B	10	R/B	40	60				✓		↔		✓	4		48		
1361	"	22+75	B	20	B	80	20				✓		N		✓	4		14		
1362	"	23+00	B	30	B	50	50			✓			NE		✓	2		<2		
1363	"	23+25	B	30	B	30	70				✓		NE		✓	2		2		
1364	"	23+50	C	30	B		10	90			✓		NE		✓	1		2		
1365	"	23+75	B/C	20	B	10	50	40		✓			NW		✓	2		<2		
1366	"	24+00	B	20	O	10	90				✓		↔		✓	38		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet  
 S: silt      O orange T tan      M moist  
 Cl clay      D dark R red      D dry  
 Or organic      Blk black      Slope H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 531  
 LOCATION: Redruth

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M					L
- DM-338	16+00	31+12.5	B			100					✓	↔		✓	30		<2			
—	"	31+00				NO SAMPLE: OUTCROP														
339	"	30+75	B			100					✓	↔		✓	3		4			
341	"	30+50	B			100					✓	↔		✓	9		8			
—	"	30+25				NO SAMPLE: OUTCROP														
342	"	30+12.5	B			100					✓	↔		✓	<1		<2			
343	"	30+00	B			100			✓		↔			✓	22		6			
344	15+00	30+00	B			100					✓	↔		✓	11		6			
346	"	30+25	B			100			✓		↔			✓	10		16			
348	"	30+50	B			100			✓		↔			✓	7		8			
349	"	30+75	B			100			✓		↔			✓	3		10			
350	"	30+87.5	B			100			✓		↔			✓	6		18			
351	"	31+12.5	B			100			✓		↔			✓	1		8			

NOTES: Composition: E sand      Colour: E brown   G grey      Water: W wet  
 S silt      O orange   T tan      M moist  
 C clay      D dark      R red      D dry  
 Or organic      Blk. black

Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 19-20, 1995

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
HL-001	22+00E	29+75	B	15	RB	20	50	30		✓			↔		✓	14		26		
002	"	29+50	B	15	B		50	50		✓			↔		✓	7		8		
003	"	29+25	B-C	15	B	20	40	40		✓			S		✓	26		10		
004	"	29+00	B	15	B		40	50	10	✓			↔		✓	2		4		
—	"	28+75	NO SAMPLE: SWAMP																	
—	"	28+50	"	"	"					"										
005	25+00	29+75	B	15	T	50	50			✓			↔		✓	<1		<2		
006	"	29+50	B	30	T	25	75			✓			↔		✓	<1		<2		
007	"	29+25	B	50	B	70	70	10	✓				↔		✓	<1		4		
007A	"	41+50	A-B	15	R-B	25	25	50		✓	N	✓			5		30			
008	"	41+25	A-B	15	R-B	25	25	50		✓	N	✓			1		2			
009	"	41+00	B	15	T	25	75			✓	N				✓	2		6		
010	"	40+75	B	30	R-B	50	50		✓		N				✓	<1		2		
011	"	40+50	B	30	T	50	50		✓		S				✓	1		2		
012	"	40+25	B	30	T	25	75		✓		N				✓	<1		2		
013	"	40+00	B-C	30	T	25	75			✓	↔				✓	<1		4		

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet  
 S: silt      O orange T tan      M: moist  
 Cl: clay      D dark R red      D: dry  
 Or: organic      Blk: black  
 Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°



**D** PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: H. Longier  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Humbin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
HL-014	25100E	39175N	B	30	T	50	50				✓	↔			✓	2		8		
015	"	39150	B	30	B	50	50				✓	N			✓	2		6		
016	"	39125	B	30	B	50	50			✓		N			✓	<1		6		
017	"	39100	C	30	B	25	75			✓		↔			✓	<1		2		
018	"	38175	B	30	B	50	50				✓	↔			✓	<1		2		
019	"	38150	B	30	T	50	50				✓	S			✓	<1		2		
020	"	38125	B	30	T	50	50				✓	S			✓	<1		<2		
021	"	38100	B-C	30	T	25	75				✓	S			✓	<1		<2		
022	"	37175	B-C	30	T	25	75		✓			S			✓	<1		<2		
023	"	37150	B-C	30	T	25	75			✓		S			✓	<1		<2		
024	"	37125	B-C	30	T	25	75			✓		S			✓	<1		2		
—	"	37100	NO SAMPLE :		SWAMP															
—	"	36175	"		"															
025	"	36150	B	30	T	25	75			✓		S			✓	<1		2		
026	"	36125	B	30	T	25	75			✓		↔			✓	<1		2		
—	"	36100	NO SAMPLE :		SWAMP															

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      C orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F red      D dry      L low 0° - 5°  
 O: organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 21 / 95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS			
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm				
—	25100E	35175N				NO SAMPLE: SWAMP																	
HL-027	"	35150	B	30	B	50	50			✓	N	✓		2		26							
028	"	35125	B	15	B	50	50			✓	N		✓	2		40							
029	"	35100	B	15	B	50	50			✓	N			✓	2		<2						
030	"	34175	B	30	B	25	25	50		✓	N			✓	3		8						
031	"	34150	B	30	R-B	25	25	50		✓	S			✓	2		14						
032	"	34125	B	30	B	25	25	50		✓	S			✓	2		4						
033	"	34100	B	30	T		25	75		✓	S			✓	<1		2						
034	"	33175	A-B	60	B	25	50	25		✓	↔			✓	3		16						
035	"	33150	B	30	T	50	50			✓	↔			✓	<1		2						
036	"	33125	B	30	T	50	50			✓	↔			✓	6		<2						
037	"	33100	B	30	T	50	50			✓	↔			✓	4		8						
038	"	32175	B	30	T	50	50		✓		N	✓			<1		20						
039	"	32150	B	30	R	50	50			✓	W	✓			4		10						
040	"	32125	B	30	R	50	50			✓	W	✓			7		28						
041	"	32100	B	15	R	50	50			✓	W		✓		16		104						

NOTES: Composition: S: sand      Colour: E: brown   G: grey      Water: W: wet      Slope: H: high      > 20°  
 S: silt      O: orange   T: tan      M: moist      M: medium      5° - 20°  
 Cl: clay      D: dark   R: red      D: dry      L: low      0° - 5°  
 O: organic      Blk: black.

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: H. Longier  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Humlia

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
HL-042	25100E	31+75	B	30	R	50	50			✓			S			✓	6		20	
043	"	31+50	B	40	T	25	75			✓			S			✓	3		8	
044	"	31+25	B	30	T	25	75			✓			S			✓	1		72	
045	"	31+00	B	15	T	25	75			✓			S			✓	1		46	
046	"	30+75	B	15	T	50	25	25		✓			N			✓	14		4	
047	"	30+50	B	15	R	50	50			✓			W			✓	13		386	
048	"	30+25	B-C	30	T	50	25	25		✓			S			✓	<1		14	
049	"	30+00	B	25	T	50	25	25		✓			S			✓	<1		4	

NOTES: Composition S sand      Colour E brown G grey      Water W wet  
 S silt      O orange T tan      M moist  
 Cl clay      D dark R red      D dry  
 O organic      Blk black  
 Slope H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 19/95

PROJECT: 530  
 LOCATION: Hemlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	21+00E	28+50N				NO SAMPLE:				SWAMP										
—	"	28+75		"	"					"										
JC-377	"	29+00	B	25	G	75	25			✓		S		✓	3		6			
378	"	29+25	B	20	O/B	100					✓	S			2		18			
379	"	29+50	B	20	O/B	100				✓		N		✓	1		6			
380	"	29+75	B	30	O/B	100				✓		S			2		14			
—	27+00E	29+25N				NO SAMPLE:				OCTOP										
437	"	29+50	C	35	O/B		100			✓		N		✓	1		12			
438	"	29+75	B	30	O/B	50	50			✓		S		✓	1		<2			
439	"	30+00	B	25	T	75	25			✓		N		✓	<1		<2			
	"	30+25				NO SAMPLE:				SWAMP										
	"	30+50		"	"					"										
443	"	30+75	B	50	G	100				✓		S		✓	2		8			
444	"	31+00	B	35	O/B	100				✓		S		✓	<1		2			
445	"	31+25	B	20	O/B	100				✓		S		✓	2		6			

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high >20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk. black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 21 /95

PROJECT: 530  
 LOCATION: Humbia

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
JC-446	27+00E	31+50N	B	20	B	100				✓			N			✓	3		8	
447	"	31+75	B	25	O/B	100				✓			S			✓	<1		2	
448	"	32+00	B	20	T	25	75			✓			S			✓	<1		<2	
449	"	32+25	B	25	O/B	100				✓			N			✓	4		8	
450	"	32+50	B	20	B	100				✓		✓	S				<1		2	
451	"	32+75	B	20	B	100				✓			N			✓	3		8	
452	"	33+00	B	20	O/B	100				✓			N			✓	20		8	
453	"	33+25	B	25	O/B	100				✓			S			✓	3		6	
454	"	33+50	B	30	O/B	100				✓		✓	N				<1		10	
—	"	33+75	NO SAMPLE: OUTCROP																	
455	"	34+00	B	25	O/B	100				✓			N			✓	4		10	
456	"	34+25	B	20	T	100				✓			S			✓	<1		<2	
457	"	34+50	BC	20	T	50	50			✓			S			✓	<1		2	
458	"	34+75	C	25	T	100				✓			N			✓	2		14	
459	"	35+00	C	50	G	100				✓			S			✓	<1		10	
—	"	35+25	NO SAMPLE: SWAMP																	

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Hamlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	27+00E	35+50N																		
—		35+75																		
—		36+00																		
—		36+25																		
—		36+50																		
—		36+75																		
—		37+00																		
JC-460		37+25	B	30	B	50	50		✓		N	✓		1			18			
461		37+50	C	30	T		100			✓	↔		✓	1			2			
462		37+75	C	30	O-B		75	25	✓		S		✓	1			<2			
463		38+00	B	20	T		100			✓	S		✓	<1			<2			
464		38+25	B	20	T		100			✓	S		✓	<1			2			
465		38+50	B	20	T		100			✓	N	✓		<1			<2			
466		38+75	B	20	T		100			✓	N		✓	<1			<2			
—		39+00																		
—		39+25																		

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Humlia

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	27+00E	39+50N				NO SAMPLE: SWAMP														
JC-467	"	39+75	B	20	B	50	50			✓	S		✓	5		6				
468	"	40+00	B	20	O/B	100					✓	N	✓	9		2				
—	"	40+25				NO SAMPLE: SWAMP														
469	"	40+50	B	20	T		100			✓	N			✓	80		2			
470	"	40+75	C	20	T		100			✓	N			✓	<1		4			
471	"	41+00	B	20	T	50	50			✓	↔			✓	<1		2			
472	"	41+25	B	20	B	100				✓	N			✓	9		6			
473	"	41+50	B	20	G		100			✓	N		✓	<1		<2				
474	"	41+75	C	20	T		100			✓	N			✓	<1		<2			
475	"	42+00	C	20	G		100			✓	S			✓	<1		6			
476	"	42+25	C	20	G		100			✓	N			✓	<1		6			
—	"	42+50				NO SAMPLE: SWAMP														

NOTES: Composition: S: sand      Colour: E: brown   G: grey      Water: W: wet      Slope: H: high      >20°  
 S: silt      O: orange   T: tan      M: moist      M: medium      5° - 20°  
 C: clay      D: dark   R: red      D: dry      L: low      0° - 5°  
 O: organic      Blk: black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Dèveau  
 DATE: July 21 /95

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
S0-001	23+00E	29+75N	B	30	B	25	50	25			✓		↔		✓	4		48		
002	"	29+50	B	30	O/B	25	75				✓		↔		✓	7		166		
003	"	29+25	B	30	T/B		50	50			✓		↔		✓	839		888		
004	"	29+00	B	30	T	30	30	30	10	✓			↔		✓	2		10		
—	"	28+75	NO SAMPLE: SWAMP																	
005	24+00E	29+75	B	12	B	30	30	20	20		✓		S		✓	5		40		
006	"	29+50	B	25	O/B	40	40	20			✓		S		✓	10		28		
007	"	29+25	B	25	O	40	30	30		✓			↔		✓	1		4		
—	"	29+00	NO SAMPLE: SWAMP																	
008	"	42+00	B/C	25	G	20	40	30	10		✓		↔		✓	17		4		
009	"	41+75	B/C	25	G	30	40	30			✓		↔		✓	<1		2		
010	"	41+50	B/C	30	G/T	10	40	50		✓			S		✓	2		2		
011	"	41+25	B	30	T	30	40	30		✓			↔		✓	7		2		
012	"	41+00	B/C	30	T		30	70		✓			↔		✓	1		<2		
013	"	40+75	B/C	30	T		30	70		✓			↔		✓	5		2		
014	"	40+50	B	30	T		60	40		✓			↔		✓	<1		<2		

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F red      D dry      L low 0° - 5°  
 O: organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Deveau  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
50-015	24+00E	40+25N	B	30	T	30	50	20			✓	↔		✓	<1		2			
016	"	40+00	B	30	T	30	40	30			✓	↔		✓	1		2			
017	"	39+75	B	30	T	70	30				✓	S		✓	<1		<2			
018	"	39+50	B	30	T		50	50			✓	↔		✓	<1		<2			
019	"	39+25	B	30	T	50	40	10			✓	↔		✓	<1		<2			
020	"	39+00	B/C	30	T		30	70		✓	S		✓	<1		2				
021	"	38+75	B	30	T	10	60	30			✓	S	✓	<1		2				
022	"	38+50	B	25	O/T	40	40	20			✓	S	✓	1		8				
023	"	38+25	B	30	O/T	40	40	20			✓	S	✓	93		2				
024	"	38+00	B	40	O	80	20				✓	↔		✓	5		2			
025	"	37+75	C	50	G		20	80		✓	↔		✓	<1		2				
026	"	37+50	C	50	GT		10	90		✓	↔		✓	<1		<2				
027	"	37+25	C	50	G		10	90		✓	↔		✓	2		4				
028	"	37+00	C	40	DB		20	80		✓	↔		✓	1		4				
—	"	36+75				NO SAMPLE:				CREEK										
—	"	36+50																		

NOTES: Compositior: S: sand      Colour: E: brown    G: grey      Water: W: wet      Slope: H: high      > 20°  
 S: silt      O: orange    T: tan      M: moist      M: medium      5° - 20°  
 Cl: clay      D: dark      F: red      D: dry      L: low      0° - 5°  
 O: organic      Blk: black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: S. Deveau  
 DATE: July 21 195

PROJECT: 530  
 LOCATION: Hemlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
SD-029	24100E	34+25N	C	30	G			100			✓		↔			✓	<1		2	
030	"	36+00	C	40	B			100			✓		↔			✓	2		<2	
031	"	35+75	C	50	OB			100			✓		↔			✓	<1		<2	
032	"	35+50	C	50	OB			100			✓		↔			✓	2		2	
033	"	35+25	B/C	50	T			20 80			✓		↔			✓	<1		2	
034	"	35+00	B	15	OR	30	30	30	10		✓	S	✓			1		16		
035	"	34+75	B	30	T	10	60	30			✓	S				✓	2		<2	
036	"	34+50	B	30	O	60	40				✓	S		✓		46		<2		
037	"	34+25	B/C	30	T			30 70			✓	↔				✓	<1		2	
038	"	34+00	C	30	G/T			10 90			✓	↔				✓	2		<2	
039	"	33+75	B/C	50	G/T			30 70			✓	↔				✓	<1		2	
040	"	33+50	B	30	T	30	50	20			✓	S	✓			<1		<2		
041	"	33+25	B	30	O	60	40				✓	S	✓			37		8		
042	"	33+00	B	40	O/T	60	40				✓	S	✓			1		6		
043	"	32+75	B	30	O	60	40				✓	S				✓	3		10	
044	"	32+50	B	30	O	70	30				✓	↔				✓	3		8	
045	"	32+25	B	30	O	60	30	10			✓	↔				✓	9		6	

NOTES: Composition: S sand      Colour: E brown      G grey      Water: W wet      Slope: H high      > 20°  
 S silt      O orange      T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark      R red      D dry      L low      0° - 5°  
 O organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: CLINT TRACY  
 DATE: JULY 21/95

PROJECT: 530  
 LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
CT-001	L26E	29+00N	B	30	B	70	30				✓		S			✓	2		<2	Bottom of o/c
002	"	29+25	B	30	R-B	30	70				✓		N			✓	2		2	" " "
003	"	29+50	C	50	G			100			✓		F				4		20	SWAMP
—	"	29+75																		
—	"	30+00																		
—	"	20+25																		
043	"	30+50	B	40	R-B	20	80				✓		F				<1		<2	
042	"	30+75	B	30	R-B	20	80				✓		F				<1		2	
041	"	31+00	B	30	R-B	20	80				✓		S			✓	9		<2	
040	"	31+25	B	30	R-B	10	90				✓		F				1		6	
039	"	31+50	B	30	R-B	20	80				✓		S			✓	4		6	
038	"	31+75	B	40	R-B	10	90				✓		F				7		<2	
037	"	32+00	B	40	R-B	20	80				✓		F				16		4	
036	"	32+25	B	30	R-B	20	80				✓		F				2		4	
035	"	32+50	B	30	R-B	70	30				✓		F				4		<2	
034	"	32+75	B	40	R-B	40	60				✓		N			✓	2		<2	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: CLINT TRACY  
 DATE: JULY 21 1995

PROJECT: 530  
 LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
CT-006	L26E	41+00N	B-C	30	G-B	80	20				✓	N		✓	<1		<2			
005	"	41+25	B-C	30	G-B	80	20				✓	N		✓	<1		<2			
004	"	41+50	B-C	50	G-B	30	10	60			✓	N		✓	3		<2			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: CLINT TRACY  
DATE: JULY 21 195

PROJECT: 530  
LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
CF-022	L26E	37+00N	B-C	30	G-B	70	30				✓	S			✓	<1		<2		
021	"	37+25	B	30	G	10	90				✓	S			✓	<1		<2		
020	"	37+50	B-C	30	G-B	70	30			✓	F					<1		<2		
019	"	37+75	B	30	R-B	20	80			✓	F					<1		<2		
018	"	38+00	B-C	30	G-B	20	40	40		✓	S		✓			<1		<2		
017	"	38+25	B	30	G-B	10	90				✓	S		✓		<1		<2		
016	"	38+50	B	30	R-B	30	70			✓	S			✓		2		<2		
015	"	38+75	B	30	R-B	20	80			✓	N		✓			<1		<2		
014	"	39+00	B	30	G-B	20	80				✓	S			✓	<1		<2		
013	"	39+25	B	30	R-B	20	80			✓	F					1		<2		
012	"	39+50	B	30	R-B	10	90			✓	N			✓		2		<2		
011	"	39+75	B	30	G-B	10	90				✓	N			✓	<1		<2		
010	"	40+00	B-C	40	G	30	70			✓	F					<1		<2		
009	"	40+25	C	40	R-B		100			✓	F					<1		<2		
008	"	40+50	C	40	B		100			✓	F					<1		<2		
007	"	40+75	B	30	G-B	90	10				✓	F				<1		<2		

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: CLINT TRACY

PROJECT: 530

DATE: JULY 21/95

LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
CT-033	L26E	33+00W	B	40	R-B	70	30				✓				<1		<2			
032	"	33+25	B-C	40	R-B	80	20				✓				<1		<2			
031	"	33+50	B	40	R-B	20	80				✓		✓	2		<2				
030	"	33+75	B	40	R-B	40	60				✓		✓	<1		4				
029	"	34+00	B	40	R-B	50	50				✓			9		<2				
028A	"	34+25	B	30	R-B	30	70				✓		✓	7		14				
028B	"	34+50	B	30	R-B	50	50				✓			<1		14				
027	"	34+75	AB	20	R-B	10	70	20			✓			7		30				
	"	35+00																		
026	"	35+25	B-C	40	R-B	80	20				✓			<1		32				
	"	35+50																		
	"	35+75																		
	"	36+00																		
025	"	36+25	B	30	G	10	90				✓			<1		<2				
024	"	36+50	C	50	BLK		100				✓			2		<2				
023	"	36+75	B	30	R-B	10	90				✓			<1		<2				

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black



PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: CLINT TRACY  
DATE: JULY 25/95

PROJECT: 530  
LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
CT-053	L23E	30+00N	B	30	R-B	70	30										7		22	
054	"	30+25	B	40	R-B	30	70										150		8	
055	"	30+50	B	40	R-B	20	80										1		2	
056	"	30+75	B	30	R-B	80	20										6		10	
057	"	31+00	B	40	R-B	20	80										1		2	
058	"	31+25	C	40	G-B			100									21		4	
059	"	31+50	B	30	R-B	20	80										3		8	
060	"	31+75	B	30	R-B	40	60										3		4	
061	"	32+00	B	30	R-B	30	70										7		4	
062	"	32+25	B	40	R-B	60	40										12		78	
063	"	32+50	A-B	50	G-B	60	20		20								6		16	
	"	32+75	I																	
	"	33+00																		
064	"	33+25	B	40	R-B	90	10										86		24	
065	"	33+50	B	40	R-B	50	50										3		22	o/c
066	"	33+75	B	30	R-B	30	70										4		6	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: CLINT TRACY  
DATE: JULY 25/95

PROJECT: 530  
LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm			
CT-067	L23E	34+00N	B	30	R-B	30	70				✓			N		✓		1		8	O/C	
068	"	34+25	B	30	R-B	10	90				✓			NE		✓		10		66	O/C	
069	"	34+50	B-C	40	G-B	70	30				✓			NE			✓	41		12	BOG	
070	"	34+75	B-C	40	BLK	50	50				✓			N			✓	1		4	" "	
071	"	35+00	C	40	D			100			✓			F				2		4	" "	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
                  Si silt                              O orange T tan                              M moist                              M medium                              5° - 20°  
                  Cl clay                              D dark R red                              D dry                              L low                              0° - 5°  
                  Or organic                              Blk black

**D** PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: CLINT TRACY  
 DATE: JULY 19/95

PROJECT: 530  
 LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
CT-185	L19E	28+75N	C	40	G			100			✓		F				<1		<2	
186	"	29+00	B	40	R-B	90	10				✓		F				14		6	BOTTOM OF old
---	L18E	29+25N																		NS - BOG
---	"	29+50																		" " "
---	"	29+75																		" " "
---	"	30+00																		" " "

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. CAMPBELL  
 DATE: 95 06 24

PROJECT: 530  
 LOCATION: HUMMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
JDC-001	L22E	41+15N	B			25	75			✓			UP		✓	5		8		
002	"	41+00	B-C					100		✓			F			<1		4		
004	"	40+75	B-C			50	50			✓			N		✓	2		8		
005	"	40+62.5	B					100		✓			N		✓	2		14		
—	"	40+50				NO SAMPLE :				BOG										
006	"	40+37.5	B			100					✓		S		✓	3		18		
007	"	40+25	B			100							F			7		20		
009	"	40+00	B				100						F			3		4		
011	"	39+75	B			75	25				✓		S		✓	<1		6		
013	"	39+50	B			75	25				✓		S		✓	43		6		
015	"	39+25	B-C			100					✓		S		✓	26		<2		
017	"	39+00	B				25	75		✓			F			2		4		
019	"	38+75	B			25	75			✓			F			6		4		
021	"	38+50	B-C					100					D	F		5		<2		
023	"	38+25	C				25	75					D	F		9		8		
025	"	38+00	B-C			75	25			✓			F			2		2		

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

SAMPLER: J. CAMPBELL  
 DATE: 95 06 24

GEOCHEMICAL SOIL SAMPLING RECORD

PROJECT: 530  
 LOCATION: HUMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L	
JDC-027	L 22E	37+75N	B			75			25			✓	N			✓	3		4		
028	"	37+62.5	B			75			25			✓	N				10		22		
	"	37+50																			
029	"	37+37.5	A-B			75	25			✓			N			✓	29		70		
030	"	37+25	A-B					100		✓			N			✓	12		30		
	"	37+12.5																			
032	"	37+00	B			100						✓	F				8		20		
	"	36+87.5																			
034	"	36+75	B-C			100				✓			F				5		4		
035	"	36+62.5	B			100				✓			F				6		16		
	"	36+50																			NS-O/C
036	"	36+37.5	B			100						✓	F				5		10		
037	"	36+25	B			100						✓	F				4		18		
039	"	36+00	B-C			25	75					✓	S			✓	4		2		
040	"	35+87.5	C					100				✓	S			✓	1		14		
	"	35+75																			NS-CLAY

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high >20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: J. CAMPBELL  
 DATE: 95 06 24

PROJECT: 530  
 LOCATION: HUMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm	
JAC-041	L22E	35+50W	C				100			✓				F				<1		<2	
043A	"	35+25	B-C				25	75		✓				N		✓		<1		8	
043B	"	35+12.5	B-C				75	25		✓				N		✓		3		12	
044	"	34+87.5	B				100				✓			F				7		18	
045	"	34+75	B				100				✓			F				2		18	
046	"	34+37.5	B				100				✓			F				16		10	
047	"	34+25	B				100			✓				F				11		4	
049	"	34+00	B				100				✓			F				3		6	
051	"	33+75	B				100			✓				F				3		6	
052	"	33+62.5	B				100			✓				F				3		4	
	"	33+50																			
053	"	33+37.5	B				100				✓			F				426		20	
054	"	33+25	B				100				✓			F				1		8	
056	"	33+00								✓				F				11		2	
058	"	32+75					100				✓			F				1		58	
059	"	32+50	C				100			✓				F				3		<2	

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. O. Campbell  
 DATE: 95/06/24

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
JOC-061	L22700E	32+25N	B			100				✓				F			2		8	
063	"	32+00	B			100				✓				F			22		2	
065	"	31+75	B			100				✓				F			22		32	
067	"	31+50	B			100				✓				F			10		20	
069	"	31+25	B			100				✓				F			5		8	
070	"	31+12.5															<1		<2	
071	"	30+62.5	C				100			✓				F			2		28	
072	"	30+50	C				100			✓				F			3		18	
074	"	30+25	B				100			✓				S		✓	<1		6	
076	"	30+00	B			100				✓				F			7		2	

NOTES: Composition: S sand      Colour: B brown G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: D. MANNA  
 DATE: 95 06 24

PROJECT: 530  
 LOCATION: HUMBLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-077	L21E	38+50N	B-C			50	25	25		✓			N		✓		2		<2	
079	"	38+25	B-C					100		✓			N				<1		6	
081	"	38+00	B-C			100				✓			F				2		4	
082	"	37+87.5	B-C			100				✓			N		✓		2		<2	
083	"	37+62.5	B			100				✓			F				<1		<2	
084	"	37+50	B			60	40			✓			N		✓		3		<2	
085	"	37+37.5	B			100				✓			N		✓		3		6	
086	"	37+00	B			100				✓			F				5		<2	
088	"	36+75	B			100				✓			F				2		14	
089	"	36+62.5	B			100				✓			F				103		24	
090	"	36+37.5	B			100				✓			S		✓		2		4	
091	"	36+25	B			100				✓			S		✓		<1		10	
092	"	36+12.5	B			100				✓			S		✓		<1		<2	
093	"	35+50	B			75	25			✓			N		✓		24		332	
095	"	35+25	A-B				60	40		✓			F				8		124	
097	"	35+00	B			75	25			✓			F				2		8	

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**D** PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: D. MANN  
 DATE: 95 06 24

PROJECT: 530  
 LOCATION: HUMBLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-098	L 21E	34+75N	B																	
100	"	34+50	B			100			✓		F			2		22				
102	"	34+25	B			60	40		✓		F			6		8				
104	"	34+00	B			60	40		✓		F			2		4				
106	"	33+75	B			75	25		✓		S	✓		10		12				
106	"	33+75	B			100			✓		F			4		4				
108	"	33+50	B			100				✓	F			4		8				
	"	33+25																		
	"	33+00																		
109	"	32+75	B			25	75		✓		N	✓		3		214				
111	"	32+50	B			75	25		✓		F			6		4				
112	"	32+25	B			75	25		✓		F			9		8				
	"	32+00																		
113	"	31+75	C					100	✓		N	✓		4		6				
115	"	31+50	B			100			✓		F			6		16				
116	"	31+37.5	B			100			✓		F			4		18				
	"	31+25																		

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: D.MANN  
 DATE: 95 06 24

PROJECT: 530  
 LOCATION: HUMBLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
<del>117</del>	L214E	31+00																		
DM-117	"	30+62.5	C			50	50			✓	F			<1		4				
118	"	30+50	B			100				✓	N		✓	4		20				
120	"	30+25	B			100				✓	F			3		26				
122	"	30+00	B			100				✓	F			4		12				
123	L20E	30+00N	B-C			100				✓	F			9		2				
125	"	30+25	B/C				25	75		✓	F			✓	<1		2			
—	"	30+50				NO SAMPLE :				SWAMP										
126	"	30+87.5	B			75	25			✓	S		✓	3		4				
127	"	31+80	B			75	25			✓	S			✓	3		8			
129	"	31+25	B			100				✓	↔			✓	2		14			
131	"	31+50	B			100				✓	S		✓	3		8				
132	"	31+62.5	B			100				✓	N		✓	45		20				
—	"	31+75				NO SAMPLE :				OUTCROP										
—	"	31+00				NO SAMPLE :				SWAMP										
133	"	32+25	B			100				✓	S		✓	5		2				

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann

DATE: June 24/95

PROJECT: 530

LOCATION: HUMULW

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-135	20+00E	32+50N	B			75	25				✓	↔		✓	14		6			
137	"	32+75	B			75	25			✓		↔		✓	10		20			
139	"	33+00	B			100				✓		↔		✓	4		38			
140	"	33+25	B			50	50			✓		S	✓		1		22			
142	"	33+50	B			100				✓		S	✓		3		8			
144	"	33+75	C					100			✓	↔		✓	<1		<2			
145	"	34+00	B			50	25	25			✓	S	✓		<1		2			
147	"	34+25	C					100			✓	↔		✓	<1		<2			
149	"	34+50	C					100			✓	↔		✓	<1		<2			
150	"	34+62.5	C					100			✓	↔		✓	<1		4			
---	"	34+75	NO SAMPLE! OUTCROP																	
151	"	35+00	B			100				✓		N	✓		24		20			
153	"	35+25	B			100				✓		↔		✓	8		<2			
154	"	35+37.5	B					100		✓		↔		✓	1		24			
155	"	35+62.5	B			100				✓		↔		✓	3		18			
156	"	35+75	B			100				✓		↔		✓	3		8			

NOTES: Composition: S sand, Si silt, Cl clay, Or organic; Colour: B brown, O orange, D dark, Blk black; Water: W wet, M moist, D dry; Slope: H high (>20°), M medium (5°-20°), L low (0°-5°)

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Hamlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-158	20+00E	36+00N	B			100					✓	↔		✓	10		20			
160	"	36+25	B/C				100			✓		N		✓	4		4			
—	"	36+50				NO SAMPLE: SWAMP														
161	"	36+75	B/C			45	10	45		✓		S		✓	2		<2			
163	"	37+00	B/C			40	20	40			✓	S		✓	18		28			
165	"	37+25	C					100			✓	↔		✓	<1		<2			
167	"	37+50	B/C				50	50			✓	N		✓	1		16			
169	"	37+75	C					100			✓	↔		✓	1		<2			
171	"	38+00	C					100			✓	N		✓	<1		<2			
173	"	38+25	C					100			✓	N		✓	2		<2			
175	"	38+50	B			100					✓	N		✓	2		2			
176	"	38+62.5	B/C				50	50			✓	N		✓	5		8			
177	"	38+87.5	B			100				✓		N		✓	7		76			
178	"	39+00	B			100				✓		N		✓	573		78			
179	"	39+12.5	B				100			✓		N		✓	222		288			
—	"	39+25				NO SAMPLE: OUTCROP														

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
—	19+00E	29+25N		NO	SAMPLE:				OUTCROP											
DM-180	"	29+12.5	B/C			25	75		✓				✓		4		2			
181	"	39+00	B/C			25	75			✓	↔			✓	<1		<2			
183	"	38+75	B/C			20	20	60			✓	↔			1		2			
184	"	38+62.5	A/B			25		75	✓			N		✓	36		158			
—	"	38+50		NO	SAMPLE:				OUTCROP											
185	"	38+25	B			60	40				✓	↔			✓	5		26		
—	"	38+00		NO	SAMPLE:				OUTCROP											
186	"	37+75	B			100			✓		↔			✓	2		<2			
188	"	37+50	B			100			✓		↔			✓	2		4			
190	"	37+25	B			100			✓		S		✓		8		<2			
192	"	37+00	B			100			✓		S		✓		29		4			
193	"	36+62.5	B			20	80			✓	↔			✓	<1		<2			
194	"	36+50	C					100			✓	↔			✓	<1		<2		
196	"	36+25	B/C			25	75				✓	↔			✓	<1		<2		
198	"	36+00	B			100					✓	↔			✓	18		4		

NOTES: Compositior: S sand      Colour: B brown G grey      Water: W wet  
 Si silt      O orange T tan      M moist  
 Cl clay      D dark R red      D dry  
 Or organic      Blk black  
 Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-200	19+00E	35+75N	B			75	25				✓	S		✓	6		4			
202	"	35+50	B/C				25	75		✓		N		✓	<1		4			
204	"	35+25	B			100				✓	↔			✓	1		8			
206	"	35+00	B			100			✓		S		✓	4		12				
208	"	34+75	B			100			✓		↔			✓	4		<2			
210	"	34+50	B			100			✓		↔			✓	<1		6			
212	"	34+25	B/C				50	50		✓	↔			✓	25		60			
214	"	34+00	B			100			✓		↔			✓	<1		8			
—	"	33+75		NO SAMPLE: SWAMP																
—	"	33+50		NO SAMPLE: OUTCROP																
215	"	33+25	B			80	20			✓	↔			✓	3		38			
217	"	33+00	B			20	20	60	✓		↔			✓	3		6			
219	"	32+75	B			100			✓		↔			✓	1		6			
221	"	32+50	B			100				✓	↔			✓	4		20			
223	"	32+25	B			100			✓		↔			✓	17		14			
225	"	32+00	B			100			✓		↔			✓	2		6			

NOTES: Composition: S sand      Colour: B brown    G grey      Water: W wet      Slope: H high      > 20°  
 S silt      O orange    T tan      M moist      M medium      5° - 20°  
 C clay      D dark      R red      D dry      L low      0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Mann **PLACER DOME CANADA LIMITED - EXPLORATION** PROJECT: 530  
 DATE: June 24/95 GEOCHEMICAL SOIL SAMPLING RECORD LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-226	19+00E	31+75N	B			100					✓	N		✓	4		46			
228	"	31+50	B			100					✓	↔			7		80			
230	"	31+25	B			100					✓	↔			6		20			
231	"	31+12.5	B			100					✓	↔			1		4			
232	"	30+75	B			100				✓		↔			4		52			
233	"	30+62.5	B/C			25	75			✓		↔			2		26			
234	"	30+37.5	B/C				25	75		✓		↔			2		42			
235	18+00E	30+62.5	B/C				25	75			✓	N			<1		6			
236	17+00E	36+00	B			100				✓		N		✓	2		4			
238	"	35+75	B/C				25	75			✓	N		✓	<1		8			
240	"	35+50	B/C				25	75			✓	N			<1		2			
242	"	35+25	C					100			✓	↔			<1		4			
244	"	35+00	C				25	75			✓	↔			<1		2			
245	"	34+75	B			75	25			✓		N		✓	7		16			
247	"	34+50	B				25	75			✓	↔			3		4			
249	"	34+25	B				25	75			✓	S		✓	3		4			

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high > 20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-250	17+00E	34+12.5N	B			25	75			✓	↔			✓	2		<2			
—	"	34+00			NO SAMPLE: SWAMP															
—	"	33+75		"	"					"										
—	"	33+50		"	"					"										
251	"	33+37.5	B/C			75	25			✓	N		✓	<1		<2				
252	"	33+25	B/C			25	75			✓	N		✓	<1		<2				
253	"	33+12.5	B			100			✓		N		✓	<1		12				
254	"	<del>32+87.5</del>	B/C				100			✓	↔		✓	<1		2				
255	"	32+75	B			100				✓	↔		✓	<1		2				
—	"	32+50	outcrop : NO SAMPLE																	
256	"	32+25	B			100			✓		↔		✓	10		20				
258	"	32+00	B			100				✓	↔		✓	1		2				
260	"	31+75	B/C				100			✓	↔		✓	<1		4				
262	"	31+50	B/C			20	20	60	✓		↔		✓	1		6				
263	"	31+37.5	B/C				75	25	✓		↔		✓	2		2				
—	"	31+25	NO SAMPLE: SWAMP																	

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24 / 95

PROJECT: 530  
 LOCATION: Humbia

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS		
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm			
—	17+00E	31+00N				NO SAMPLE: SWAMP																
DM-264	"	30+75	B			100				✓				N		✓		4		16		
265	"	30+62.5	B			100					✓			↔			✓	7		22		
266	"	30+37.5	B			75	25			✓				↔			✓	21		12		
267	"	30+25	B			100				✓				↔			✓	7		14		
269	"	30+00	B			100					✓			↔			✓	2		12		
270	18+00E	30+75	B			100				✓				↔			✓	5		8		
272	"	31+00	B			100				✓				↔			✓	<1		12		
274	"	31+25	B			100					✓			↔			✓	26		12		
276	"	31+50	B			75	25			✓				↔			✓	6		8		
278	"	31+75	B/C				100				✓			↔			✓	<1		<2		
280	"	32+00	B/C					100			✓			↔			✓	<1		<2		
282	"	32+25	B/C			20	20	60		✓				↔			✓	<1		<2		
284	"	32+50	B/C				25	75			✓			↔			✓	<1		4		
286	"	32+75	B/C				25	75			✓			↔			✓	<1		4		
288	"	33+00	B/C				25	75			✓			↔			✓	<1		8		

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 S: silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black



**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
OM-290	18+00E	33+25N	B/C			100				✓	↔			✓	47		2			
291	"	33+50	B/C			100			✓		↔			✓	1		<2			
293	"	33+75	B/C			100				✓	↔			✓	<1		<2			
294	"	34+00	B/C			100				✓	↔			✓	<1		<2			
296	"	34+25	B/C			100				✓	↔			✓	<1		2			
298	"	34+50	B/C			100				✓	↔			✓	<1		<2			
300	"	34+75	B/C			100				✓	↔			✓	<1		2			
302	"	35+00	B/C			25	75			✓	↔			✓	<1		<2			
303	"	35+12.5	B/C			100				✓	↔			✓	2		2			
—	"	35+25	NO SAMPLE :						POND											
—	"	35+50	"	"					"											
—	"	35+75	"	"					"											
—	"	36+00	"	"					"											
—	"	36+25	"	"					"											
—	"	36+50	"	"					"											
304	"	36+75	B/C			100				✓	↔			✓	2		<2			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
 Si silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
0M-305	18+00E	36+87.5N	B/C			20	20	60				✓	↔		✓	17		<2		
306	"	37+12.5	B/C			20	20	60				✓	S		✓	6		<2		
307	"	37+25	B/C			60	20	20				✓	S		✓	7		20		
308	"	37+37.5	B			100						✓	S		✓	4		2		
309	"	37+62.5	B			100						✓	N		✓	15		4		
310	"	37+75	B			100						✓	↔		✓	2		12		
312	"	38+00	B			100						✓	↔		✓	5		4		
314	"	38+25	B			100						✓	↔		✓	2		12		
315	"	38+50	B			100						✓	N	✓		84		14		
317	"	38+75	B/C					100				✓	N	✓		4		<2		
318	16+00E	36+00	B/C					100				✓	N	✓		1		6		
319	"	35+75	B/C					100				✓	↔		✓	<1		<2		
321	"	35+50	B/C					100				✓	↔		✓	<1		2		
323	"	35+25	B/C					25	75			✓	↔		✓	<1		8		
325	"	35+00	B/C					25	75		✓		↔		✓	<1		<2		
326	"	34+75	B/C					100				✓	N		✓	<1		<2		

NOTES: Composition: S sand      Colour: B brown    G grey      Water: W wet  
 S silt                              O orange    T tan                              M moist  
 Cl clay                              D dark      R red                              D dry  
 Or organic                          Blk black

Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-328	16+00E	34+50N	B/C			25	75			✓	↔			✓	<1		<2			
329	"	34+37.5	B/C			25	75			✓	↔			✓	<1		<2			
—	"	34+12.5			NO SAMPLE: SWAMP															
330	"	33+87.5	B/C			25	75			✓	↔			✓	<1		<2			
331	"	33+62.5	B			75	25		✓		N			✓	<1		<2			
332	"	33+37.5	B			75	25			✓	↔			✓	6		8			
333	"	33+25	B/C			25	75			✓	↔			✓	9		<2			
334	"	32+87.5	B/C				100			✓	↔			✓	<1		6			
335	"	32+62.5	B/C				100			✓	↔			✓	<1		6			
336	"	32+50	B/C			50	50			✓	S			✓	2		4			
—	"	32+25			NO SAMPLE: SWAMP															
—	"	32+00		"	"				✓											
—	"	31+75		"	"				✓											
—	"	31+50		"	"				✓											
—	"	31+25			NO SAMPLE: OUTCROP															

NOTES: Composition S: sand      Colour E: brown   G: grey      Water W: wet  
 S: silt                              O: orange   T: tan                              M: moist  
 Cl: clay                              D: dark      R: red                              D: dry  
 Or: organic                              Blk: black

Slope H: high > 20°  
 M: medium 5° - 20°  
 L: low 0° - 5°

PLACER DOME CANADA LIMITED - EXPLORATION

GEOCHEMICAL SOIL SAMPLING RECORD

SAMPLER: Dallas W. Mann  
 DATE: June 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
DM-352	15+00	31+50	B			100					✓ ←			✓	7		8			
—	"	31+75				NO SAMPLE:			OUTCROP											
—	"	32+00		"	"	:			SWAMP											
—	"	32+25		"	"	:			OUTCROP											

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Bl. black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 26/95

PROJECT: 530  
 LOCATION: Humlik

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
OM-353	15700E	32+37.5N	B/C							✓	↔			✓	<1		18			
354	"	32+50	B/C							✓	↔			✓	1		12			
356	"	32+75	B/C							✓	↔			✓	<1		6			
358	"	33+00	B							✓	↔			✓	18		8			
360	"	33+25	C							✓	↔			✓	<1		10			
362	"	33+50	C							✓	↔			✓	<1		8			
364	"	33+75	B/C							✓	↔			✓	<1		6			
366	"	34+00	C							✓	↔			✓	<1		2			
367	"	34+25	C							✓	↔			✓	<1		4			
368	"	34+37.5	C							✓	↔			✓	<1		2			
369	"	34+50	C							✓	↔			✓	<1		4			
371	"	34+75	C							✓	↔			✓	<1		4			
372	"	35+00	B												<1		2			
374	"	35+25	B/C												<1		8			
376	"	35+50	B/C												2		6			
378	"	35+75	B/C												<1		<2			

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet  
 S silt      O orange T tan      M moist  
 Cl clay      D dark R red      D dry  
 Or organic      Blk black      Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
DM-380	15+00E	36+00N	B												19		4			
381	"	36+12.5	B												2		2			
—	"	36+25		NO	SAMPLE: OUTCROP															
—	"	36+50		"	"				"											
382	14+00E	37+50	B/C												<1		2			
383	"	37+37.5	B/C												<1		<2			
384	"	37+12.5	C			100			✓	↔			✓	1		12				
385	"	37+00	C			100			✓	↔			✓	<1		8				
387	"	36+75	B/C			25	75		✓	↔			✓	6		6				
389	"	36+50	B			25	75		✓	↔			✓	<1		12				
391	"	36+25	B			100		✓		↔			✓	2		8				
393	"	36+00	B			100		✓		N		✓		2		14				
395	"	35+75	B/C			25	75		✓	N		✓		1		<2				
397	"	35+50	B/C			25	75		✓	↔			✓	<1		10				
399	"	35+25	B			100			✓	↔			✓	<1		8				
400	"	35+12.5	B/C			25	75		✓	↔			✓	<1		6				

NOTES: Composition S sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 29 /95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M					L
DM-401	14+00E	34+87.5N	C							100			✓	↔		✓	<1		8	
402	"	34+75	C							100			✓	↔		✓	<1		8	
404	"	34+50	C							100			✓	S		✓	<1		4	
—	"	34+25	NO SAMPLE:		SWAMP															
—	"	34+00	NO SAMPLE:		OUTCROP															
405	"	33+87.5	B					✓		100			↔		✓	9		42		
406	"	33+75	B					✓		100			↔		✓	8		42		
408	"	33+50	B					✓		100			↔		✓	6		6		
410	"	33+25	C							100			↔		✓	1		2		
412	"	33+00	B/C							25 75			↔		✓	18		2		
414	"	32+75	B/C							25 75			S	✓		<1		4		
415	"	32+62.5	B							100			S	✓		<1		6		
—	"	32+50	NO SAMPLE:		SWAMP															
—	13+00E	35+00	NO SAMPLE:		OUTCROP															
416	"	35+2.5	B					✓		100			S	✓		<1		34		
417	"	35+25	B					✓		100			S	✓		<1		2		

NOTES: Composition: S sand; Colour: E brown, G grey; Water: W wet; Slope: H high > 20°  
 S silt; O orange, T tan; M moist; M medium 5° - 20°  
 Cl clay; D dark, R red; D dry; L low 0° - 5°  
 Or organic; Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 29 /95

PROJECT: 530  
 LOCATION: Humbler

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-419	B3+00E	35+50N	C																	
420	"	35+75	B			100														

NOTES: Compositior: S sand      Colour: E brown    G grey      Water: W wet  
 S silt      O orange    T tan      M moist  
 Cl clay      D dark      R red      D dry  
 O: organic      Blk black  
 Slope: H high      > 20°  
          M medium      5° - 20°  
          L low      0° - 5°



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 21/95

PROJECT: 530  
 LOCATION: Hamlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	28+00E	30+00N																		
	No SAMPLE :					SWAMP														
DM-1300	"	30+25	B	20	B	50	50				✓		N	✓		2		8		
—	"	30+50				No SAMPLE :				SWAMP										
—	"	30+75			"						"									
1301	"	31+00	C	25	B			100			✓		S		✓	<1		28		
1302	"	31+25	B	20	B	60	40				✓		S		✓	90		20		
1303	"	31+50	B	20	B	10	90				✓		S		✓	2		10		
1304	"	31+75	B	20	B	80		20			✓		S	✓		<1		24		
1305	"	32+00	B	30	O/B	90	10				✓		S	✓		3		8		
1306	"	32+25	B	20	O/B	90	10				✓		S	✓		5		6		
1307	"	32+50	B	20	B	90	10				✓		NE	✓		7		14		
1308	"	32+75	B	20	O/B	90	10				✓		NE	✓		1		8		
1309	"	32+00	B	30	O/B	100					✓		NE	✓		2		38		
1310	"	33+25	B	30	O/B	100					✓		NE	✓		1		2		
1311	"	33+50	B	30	B	20	80				✓		NE		✓	<1		<2		
1312	"	33+75	C	10	B			100			✓		NE		✓	<1		2		

NOTES: Composition: S: sand      Colour: E: brown    G: grey      Water: W: wet      Slope: H: high      >20°  
 S: silt      O: orange    T: tan      M: moist      M: medium      5° - 20°  
 Cl: clay      D: dark      R: red      D: dry      L: low      0° - 5°  
 O: organic      Blk: black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 21 / 95

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
—	28+00E	34+00N		NO	SAMPLE :				SWAMP											
—	"	34+25		"	"					"										
—	"	34+50		"	"					"										
DM-1313	"	34+75	C	35	B		100			✓	S		✓	7		2				
1314	"	35+00	C	15	B		100			✓	SW		✓	2		2				
1315	"	35+25	C	15	B	10	90			✓	SW	✓		<1		<2				
1316	"	35+50	B	20	B	50	50			✓	SW	✓		6		4				
1317	"	35+75	B	20	B	90	10			✓	NW	✓		2		2				
1318	"	36+00	B	10	B	90	10			✓	N	✓		6		12				
1319	"	36+25	B	30	B	60	40			✓	↔		✓	3		2				
—	"	36+50		NO	SAMPLE :				SWAMP											
—	"	36+75		"	"					"										
—	"	37+00		"	"					"										
1320	"	37+25	B	15	B	10	90			✓	SW	✓		5		<2				
1321	"	37+50	C	15	B	10	90			✓	↔		✓	<1		2				
1322	"	37+75	C	25	B	10	90			✓	SE		✓	<1		<2				

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet  
 S: silt      O orange T tan      M moist  
 Cl: clay      D dark F red      D dry  
 O: organic      Blk black

Slope: H high > 20°  
 M medium 5° - 20°  
 L low 0° - 5°

**D PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 21 & 25 /95

PROJECT: 530  
 LOCATION: Humli'a

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
DM-1323	28T00E	38T00N	B/C	20	B	20	20	60		✓			E			✓	<1		6	
1324	"	38T25	C	30	B		10	90			✓		SE			✓	<1		<2	
1367	23T00E	41T50N	B/C	35	G/B	40	60			✓			N			✓	<1		<2	
—	"	41T25	NO SAMPLE: SWAMP																	
1368	"	41T00	B/C	20	B	60	40			✓			N	✓			<1		6	
—	"	40T75	NO SAMPLE: OUTCROP																	
1369	"	40T50	B	20	B	10	90			✓			N		✓		<1		10	
1370	"	40T25	B	20	B	50	50			✓			NE			✓	1		4	
1371	"	40T00	B	30	G/B	100				✓			↔			✓	4		<2	
1372	"	39T75	B	20	B	70	30			✓			NW			✓	3		6	
1373	"	39T50	B	10	B	40	60			✓			NW		✓		<1		<2	
1374	"	39T25	B	20	B	90	10			✓			NW		✓		1		<2	
1375	"	39T00	B	20	B	70	30			✓			NW	✓			1		4	
1376	"	38T75	B/C	15	B	10	60	30		✓			NW	✓			28		<2	
1377	"	38T50	B	20	B	10	80	10		✓			W			✓	2		<2	

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high >20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 O organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mond  
 DATE: July 25 /95

PROJECT: 530  
 LOCATION: Hemlock

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-1378	23+00E	38+25N	C	30	B	10	90			✓			N			✓	<1		<2	
1379	"	38+00	C	20	B	10	90			✓			S		✓		1		<2	
—	"	37+75	NO SAMPLE: SWAMP																	
1380	"	37+50	C	30	B					✓			N		✓		<1		2	
1381	"	37+25	B	20	G/B	90	10			✓			N		✓		<1		<2	
1382	"	37+00	C	20	B	10	90			✓			N		✓		<1		<2	
—	"	36+75	NO SAMPLE: OUTCROP																	
1383	"	36+50	B	20	B	50	50			✓			E			✓	44		<2	
1384	"	36+25	B	30	B	90	10			✓			E			✓	1		<2	
1385	"	36+00	C	20	B	10	90			✓			E			✓	<1		2	
1386	"	35+75	C	20	B	20	80			✓			S		✓		<1		<2	
1387	"	35+50	C	30	B	10	90			✓			SE			✓	<1		<2	
1388	"	35+25	C	30	B	10	90			✓			E			✓	<1		2	
—	"	35+00																		
—	"	34+75																		
—	"	34+50																		

NOTES: Composition: S sand      Colour: E brown, G grey      Water: W wet  
 S silt      O orange, T tan      M moist  
 Cl clay      D dark, R red      D dry  
 O organic      Blk black  
 Slope: H high >20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 13/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
DM-963	10+00E	36+25N	B/C	30	B	10	50	40		✓			NW		✓		1		42	
964	"	36+00	B/C	20	T		20	80		✓			NW		✓		2		42	
965	"	35+75	B	40	B	50	50			✓			NW			✓	25		6	
966	"	35+50	B	40	B	50	50			✓			NW			✓	100		8	
967	"	35+25	C	20	B		10	90		✓			S			✓	1		42	
968	"	35+00	C	40	B		10	90		✓			N			✓	41		42	
969	"	34+75	B	30	B	30	40	30		✓			N		✓		2		4	

NOTES: Compositior S sand Colour E brown G grey Water W wet Slope H high > 20°  
 S silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 13/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
OM-1009	11+00E	34+50N	B	20	B	10	80	10		✓			N		✓		1		12	
1010	"	34+75	B	30	B	50	50			✓			NE	✓			<1		<2	
—	"	35+00	NO SAMPLE: SWAMP																	
1011	"	35+25	C	20	B	10	90			✓			S		✓		<1		<2	
1012	"	35+50	C	30	B		100			✓			N		✓		<1		<2	
1013	"	35+75	C	30	B		100			✓			N		✓		<1		4	
1014	"	36+00	C	40	B		100			✓			N		✓		<1		2	
1015	"	36+25	C	35	B		100			✓			N		✓		<1		<2	
1016	"	36+50	C	20	B		100			✓			N		✓		<1		4	
1017	"	36+75	B	30	G/B	20	60	20		✓			N	✓			2		2	

NOTES: Composition: S sand      Colour: E brown   G grey      Water: W wet  
 S: silt                              O orange   T tan                              M: moist  
 C: clay                                D dark      R red                                D: dry  
 O: organic                              Blk black

Slope: H high >20°  
 M medium 5° - 20°  
 L low 0° - 5°

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 19-20/95

PROJECT: 530  
 LOCATION: Humbly

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS	
	LINE	CHAINAGE				S	Si	Cl	Or	W	M	D	TREND	H	M	L					
OM-1211	20+00E	28+50N	B/C	60	G/B	20	80			✓			N			✓	1		4		
—	"	28+75			NO SAMPLE: SWAMP																
—	"	29+00		"	"					"											
—	"	29+25		"	"					"											
1212	"	29+50	B	30	O/B	90	10			✓			S	✓			<1		8		
1213	"	29+75	B	30	O/B	90	10			✓			S	✓			39		24		
—	27+00E	29+75			NO SAMPLE: SWAMP																
—	"	29+50		"	"					"											
1220	"	29+25	B	30	B	60	40			✓			N	✓			45		8		
1221	"	29+00	B	30	B	60	40			✓			N	✓			56		24		

NOTES: Composition: S sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark F rec      D dry      L low 0° - 5°  
 O organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**

**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: July 5/95

PROJECT: 530  
 LOCATION: Humbler

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS		
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L						
—	6+00	36+50		NO	SAMPLE: OUTCROP																	
531-DM-774	"	36+25	C	20	T								✓	S	✓		9		<2			
"	775	"	36+00	C	40	G/B							✓	↔		✓	4		<2			
"	776	"	35+75	C	45	G/B							✓	↔		✓	10		<2			
"	777	"	35+50	C	50	G/B/O				✓			✓	↔		✓	2		<2			
"	778	"	35+25	B/C	25	G/B	75	25		✓			N		✓		225		<2			
"	779	"	35+00	B/C	40	G/B	20	80					✓	N		✓	8		<2			
"	1165	14+00	31+25	B	30	B	30	50	20		✓		W			✓	6		4			
"	1166	"	31+50	C	20	B				✓			N			✓	<1		8			
"	1167	"	31+75	C	30	B				✓			N	✓			1		4			

NOTES: Composition: E sand, S silt, C clay, O organic; Colour: B brown, G grey, O orange, T tan, D dark, R red, Blk black; Water: W wet, M moist, D dry; Slope: H high (> 20°), M medium (5° - 20°), L low (0° - 5°)



**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: Dallas W. Mann  
 DATE: June 29/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au ppb	Ag ppm	As ppm	COMMENTS
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L				
531-DM-584	4+00	35+75	B/C			50	50			✓			flat			✓	2		<2	
" 585	"	35+62.5	B/C			100				✓			flat			✓	3		<2	
—	"	35+37.5				NO SAMPLE: SWAMP														
" 586	"	35+12.5	B/C			100				✓			flat			✓	7		12	
" 587	"	34+87.5	B/C			25	50	25		✓			N		✓		<1		8	
" 588	"	34+75	B/C					100				✓	N		✓		<1		<2	
—	5+00	35+90				NO SAMPLE: SWAMP														
—	"	35+75				"							"							
531-DM-717	"	35+50	B	25	B	25	75			✓			N		✓		<1		<2	
" 718	"	35+25	B	30	B	50	25	25		✓			N		✓		<1		2	
—	"	35+00				NO SAMPLE: OUTCROP														
—	"	34+75				"							"							

NOTES: Composition E sand      Colour E brown G grey      Water W wet      Slope H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 C clay      D dark F fine      D dry      L low 0° - 5°  
 Or organic      Blk black

SAMPLER: Dallas W. Ma  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 530  
 LOCATION: HUMLIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (not taken) (cm)	COLOUR (not taken)	COMPOSITION %				WATER CONTENT			SLOPE			Au ppb	Ag ppm	As ppm	COMMENTS
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M				
DM-423	13E	36'2.5	B			100						D	flat		L	3		16	
	"	36'2.5	OUTCROP			N/S													
424	"	36'37.5	B/C			25	75					D	flat		L	<1		<2	
425	"	36'50	B			100				W			flat		L	5		2	
427	"	36'75	B			100				W			flat		L	7		<2	
429	"	37'00	B/C			25	75					D	flat		L	<1		<2	
431	"	37'25	B/C			100						D	flat		L	<1		6	
432	"	37'37.5	B			100				W			flat		L	7		32	
433	"	37'50	B/C			25	75					D	flat		L	<1		<2	
434	"	37'62.5	B/C				100					D	flat		L	<1		<2	
422	"	36'00	B			100				W			flat		L	10		14	
	"	37'75	OUTCROP			N/S													
	"	37'87.5	OUTCROP			N/S													
	"	37'90	OUTCROP			N/S													
435	"	34'87.5	B/C				100					D	flat		L	<1		2	
436	"	34'75	B/C				100					D	flat		L	<1		<2	
422	"	36+00	B			100				✓			flat		L	10		14	

NOTES: Composition S sand      Colour B brown      G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange      T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark      R red      D dry      L low      0° - 5°  
 Or organic      Bik black

SAMPLER: Dallas W Mann  
 DATE: June 29/95

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

PROJECT: 530  
 LOCATION: HUMMIN

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR NOT taken	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
531- 439	13E	34'50	B/C														2		2	
440	"	34'25	B/C														<1		<2	
441	"	34'12.5	B/C														1		<2	
---	"	34'00																		
---	"	33'75																		
---	"	33'50																		
---	"	33'25																		
442	"	33'00	B/C														<1		6	
443	"	32'87.5	B/C														<1		2	
451	12E	33'50	B/C														<1		2	
453	"	33'75	B/C														<1		<2	
455	"	34'00	B														<1		<2	

SWAMPY

NOTES: Composition S sand Colour B brown G grey Water W wet Slope H high >20°  
 Si silt O orange T tan M moist M medium 5° - 20°  
 Cl clay D dark R red D dry L low 0° - 5°  
 Or organic Blk black

SAMPLER: <u>Dallas W Mann</u>		PLACER DOME CANADA LIMITED - EXPLORATION													PROJECT: <u>530</u>					
DATE: <u>June 29/95</u>		GEOCHEMICAL SOIL SAMPLING RECORD													LOCATION: <u>HUMLIN</u>					
SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH Not Taken (cm)	COLOUR Not Taken	COMPOSITION %				WATER CONTENT			SLOPE			Au	Ag	As	COMMENTS	
	LINE	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm		ppm
530-01457	12E	34'25	B/C				100						D	flat		L	<1		4	
"	459	"	34'50	B/C			100						D	flat		L	<1		2	
"	461	"	34'75	B/C			100						D	flat		L	24		4	
		"	34'87.5	OUTCROP	N/S															
"	462	"	35'00	B/C			100						D	flat		L	18		72	
		"	35'12.5	OUTCROP	N/S															
"	463	"	35'25	B			7525			W			flat		L	3			6	
"	465	"	35'50	B/C			5050						D	flat		L	2		8	
"	466	"	35'87.5	B/C			100						D	S		L	<1		12	
"	467	"	36'00	B/C			5050						D	S		L	<1		<2	
"	468	"	36'25	B/C			100						D	S		L	1		2	
		"	36'25	BOULDERS	N/S															
"	469	"	36'37.5	B			100			W			N		M				6	22
"	470	"	36'50	B			100				m		N		m				5	4
"	472	"	36'75	B/C			100			W			N		m				1	<2

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high >20°  
Si silt      O orange T tan      M moist      M medium 5° - 20°  
Cl clay      D dark R red      D dry      L low 0° - 5°  
Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 10/95

PROJECT: 530  
 LOCATION: Humbler

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT			SLOPE				Au	Ag	As	COMMENTS
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm	
531-JC-054	9+00	36+25	A/B	15	B		50	50	✓			N	✓		9		6			
" -055	"	36+00	B	20	R/B	75	25			✓		N	✓		87		8			
" -056	"	35+75	B	25	R/B	50	50			✓		N	✓		11		<2			
" -057	"	35+50	B	25	B	50	50			✓		↔		✓	<1		<2			
" -334	17+00	29+50	B	35	B	75	25		✓			S	✓		2		6			
" -335	"	29+75	B	25	O/B	100				✓		S	✓		10		6			
" -535	29+00	29+75	B/C	25	G/B	100				✓		S		✓	1		<2			
" 536	"	30+00	B	25	B	100				✓		N		✓	3		2			
" 537	"	30+25	B	25	O/B	20	20	60		✓		N	✓		<1		4			
" 538	"	30+50	B/C	30	G	50	50		✓			S		✓	<1		2			
"	"	30+75			NO SAMPLE: SWAMP															
"	"	31+00			"	"				"										
" 539	"	31+25	B	30	B	100			✓			S	✓		<1		<2			
" 540	"	31+50	B/C	25	G		100			✓		S	✓		1		<2			
" 541	"	31+75	B	20	G	75	25			✓		S		✓	<1		<2			

NOTES: Composition S sand      Colour B brown G grey      Water W wet      Slope H high      > 20°  
 Si silt      O orange T tan      M moist      M medium      5° - 20°  
 Cl clay      D dark R red      D dry      L low      0° - 5°  
 Or organic      Blk black

**PLACER DOME CANADA LIMITED - EXPLORATION**  
**GEOCHEMICAL SOIL SAMPLING RECORD**

SAMPLER: J. Campbell  
 DATE: July 24/95

PROJECT: 530  
 LOCATION: Humlin

SAMPLE NUMBER	GRID COORDINATES		HORIZON	DEPTH (cm)	COLOUR	COMPOSITION %				WATER CONTENT				SLOPE			Au	Ag	As	COMMENTS		
	LINE (E)	CHAINAGE (N)				S	Si	Cl	Or	W	M	D	TREND	H	M	L	ppb	ppm	ppm			
—	29+00	32+00		NO	SAMPLE: OUTCROP																	
531- JC-542	"	32+25	B	20	B	100					✓			S			✓	1		18		
" 543	"	32+50	B	20	G/B	20	20	60			✓			S			✓	2		<2		
" 544	"	32+75	B	20	O/B	100					✓			N			✓	38		20		
—	"	33+00		NO	SAMPLE: TILL																	

NOTES: Composition E sand      Colour: E brown G grey      Water: W wet      Slope: H high > 20°  
 S silt      O orange T tan      M moist      M medium 5° - 20°  
 Cl clay      D dark R red      D dry      L low 0° - 5°  
 Or organic      Blk black

APPENDICES IV - VII

RECEIVED  
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**APPENDIX IV**

**Sample Preparation and Analysis Procedures  
Chemex Labs Limited**



**APPENDIX IV**  
**Sample Preparation and Analysis Procedures**  
**Chemex Labs Limited**

The following is a description of the sample preparation and gold analysis procedure used at Chemex Labs.

**Preparation:**

The soil samples are sorted and laid out in an oven for drying. Once dry, the samples are sieved, using a -80 mesh sieve to 175 microns. A 30 gram sample is used for neutron activation analysis (NAA); therefore, 65 grams of -80 mesh material is required. Plus fractions of samples are normally discarded, but can be saved upon request. If sieving of the sample cannot produce the required minimum weight (i.e. because of clay or pebble content), the entire sample can be pulverized which should produce enough material for analysis.

**Fire Assay:**

After sieving (or pulverizing, if required), the sample "pulp" are poured into ceramic pots and mixed thoroughly with a flux. Silver nitrate is also added to this mixture. The flux is a material which contains some metals, such as lead, and it is used to separate any gold in the sample. The ceramic pots are placed in a furnace at 700°C for 45 minutes. In the furnace, the lead from the flux attracts the gold, etc. from the soil sample; this mixture consequently settles to the bottom of the pot. Once the pots come out of the furnace, samples are poured into molds. The sample now appears as glass, with a metal button at the bottom. The glass is knocked off, then the metal button is put back in the furnace so the lead from the flux can burn or oxidize away. Finally, a 1-2mm bead containing gold and silver is all that is left. Some or all of the silver will be from the silver nitrate solution added to the mixture at the beginning.

### Atomic Absorption (AA):

For AA methods (gold or base metals), the beads resulting from the fire assay procedure are put into a nitric acid solution in test tubes. Then they are put in a hot water bath. Hydrochloric acid is also added. This is called Aqua-Regia digestion. Silver precipitates out of solution in the form of silver nitrate and silver chloride, leaving gold in the solution. The solution is diluted and taken to the atomic absorption spectrometer, where it is sucked up into a flame through a plastic tube. A light beam (specifically for gold analysis) passes through the flame and spectrographic readings are taken. These are matched against a calibration curve. Readings will vary according to the gold concentration of each sample. A computer does all the calculations and gives a direct number in ppb. The minimum detection limit is 5 ppb.

### Neutron Activation Analysis (NAA):

The beads from the fire assay procedure are put on ticker tape and sent away for irradiation. Once returned, the ticker tape is automatically reeled through a machine which senses radiation in counts per second. Because the gold in each sample bead has been irradiated, the bead is radioactive for a short period of time. The concentration of gold in each sample affects how radioactive it is. A computer plots the radiation in counts per second on a curve and then computes values in ppb. The minimum detection limit is 1 ppb.

### Inductively Coupled Plasma - Atomic Emission Spectroscopy (ICP-AES):

Once the samples have been sieved (and/or pulverized if required), a five gram portion is mixed with nitric acid (termed nitric acid-aqua regia digestion) to dissolve. Some elements dissolve completely (the data are quantitative), while other elements only partially dissolve (data are qualitative). Once the sample is dissolved, the solution is atomized and carried into an Argon plasma (Argon atoms with a high energy state). The sample electrons interact with the excited electrons from the Argon atoms, and hence become excited themselves. When these electrons return to their ground state, energy is emitted in the form of ultraviolet light (fluorescence). The wavelengths emitted are proportional to concentrations of the element under consideration. Once plotted on a calibration curve, the concentration for the element can be calculated. Inter-element interference can be a problem for ICP because wavelength peaks may overlap. Therefore, corrections are routinely made by the introduction of blanks and standards.

### Metallics Fire Assay or “Screen” Assay

The plus 100 micron (150 mesh) portion of the sample is screened out and assayed in its entirety. The minus fraction is homogenized and a 30 gram fusion is used to determine its grade. Values are reported for the plus and minus fractions, as well as the weight of each fraction and the calculated total gold content of the sample.

**APPENDIX V**

**Analyses From Rock Geochemistry and Assays**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 09-OCT-95  
 Invoice No. : 19529607  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9529607

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DWM-001	205 226	85 < 0.2	2.35	448	30 < 0.5	< 2	4.36	1.0	51	156	75	6.79	10	< 1	0.13	< 10	1.96	2420		
530-DWM-002	205 226	< 5 < 0.2	2.31	164	20 < 0.5	< 2	4.60	< 0.5	39	220	72	7.40	10	< 1	0.08	< 10	2.17	2440		
530-DWM-003	205 226	615 < 0.2	1.96	400	30 < 0.5	2	3.61	1.0	48	387	106	8.29	10	< 1	0.21	< 10	1.93	2650		
530-DWM-004	205 226	55 < 0.2	2.64	292	20 < 0.5	4	3.01	0.5	35	45	81	8.15	10	1	0.14	10	1.97	2720		
530-DWM-005	205 226	45 < 0.2	3.46	140	10 < 0.5	2	2.63	< 0.5	37	52	152	10.45	20	1	0.04	10	2.02	3250		
530-DWM-006	205 226	275 < 0.2	1.81	510	20 < 0.5	4	1.43	4.0	42	85	93	12.65	10	< 1	0.16	20	1.05	1470		
530-DWM-007	205 226	< 5 < 0.2	1.84	286	70 < 0.5	4	2.73	0.5	62	135	115	5.24	10	< 1	0.23	10	1.72	1735		
530-DWM-008	205 226	20 < 0.2	1.77	278	40 < 0.5	4	1.10	0.5	59	132	113	7.91	10	< 1	0.20	10	0.98	1405		
530-DWM-009	205 226	155 < 0.2	1.14	290	< 10 < 0.5	< 2	0.66	1.5	33	88	85	>15.00	< 10	< 1	0.21	10	0.47	625		
530-DWM-010	205 226	1140 < 0.2	1.66	902	30 < 0.5	< 2	0.90	2.5	48	175	70	10.35	10	< 1	0.17	10	0.89	1225		
530-DWM-011	205 226	195 < 0.2	2.71	522	30 < 0.5	4	1.26	1.5	54	510	228	8.37	10	1	0.15	10	1.47	1910		
530-DWM-012	205 226	10 < 0.2	3.80	104	20 < 0.5	2	1.87	< 0.5	44	85	290	11.15	20	1	0.03	20	2.01	3170		
530-DWM-013	205 226	175 < 0.2	3.54	714	10 < 0.5	6	2.79	1.5	42	51	399	11.05	20	1	0.05	20	1.79	4710		
530-DWM-014	205 226	< 5 < 0.2	4.58	82	10 < 0.5	2	1.50	< 0.5	35	46	398	12.65	20	2	0.01	20	2.18	3650		
530-DWM-015	205 226	10 < 0.2	3.84	68	30 < 0.5	2	1.55	< 0.5	47	66	580	9.80	20	< 1	0.02	20	2.09	1950		
530-DWM-016	205 226	45 < 0.2	2.52	122	20 < 0.5	4	3.88	< 0.5	40	53	422	9.03	20	< 1	0.06	10	1.97	2900		
530-DWM-017	205 226	75 < 0.2	2.48	122	30 < 0.5	4	5.28	0.5	59	191	231	10.50	10	< 1	0.10	< 10	1.96	2600		

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 09-OCT-95  
 Invoice No. : 19529607  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9529607

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-DWM-001	205	226	< 1	0.03	133	520	2	2	13	80	0.02	< 10	< 10	137	20	82
530-DWM-002	205	226	< 1	0.04	98	480	2	2	20	91	0.03	< 10	< 10	189	30	94
530-DWM-003	205	226	< 1	0.04	164	360	< 2	2	25	73	0.05	< 10	< 10	229	50	70
530-DWM-004	205	226	< 1	0.03	42	810	2	4	22	48	0.04	< 10	< 10	238	40	100
530-DWM-005	205	226	< 1	0.02	37	770	2	< 2	25	37	0.04	< 10	< 10	253	30	160
530-DWM-006	205	226	2	0.02	62	480	8	2	9	23	0.03	< 10	< 10	90	20	354
530-DWM-007	205	226	< 1	0.01	92	420	< 2	4	7	44	0.01	< 10	< 10	44	10	204
530-DWM-008	205	226	< 1	0.01	125	440	12	2	7	20	0.02	< 10	< 10	53	10	166
530-DWM-009	205	226	4	0.01	63	170	18	8	4	10	0.02	< 10	10	25	10	328
530-DWM-010	205	226	1	0.02	110	290	4	4	8	21	0.02	< 10	10	70	10	128
530-DWM-011	205	226	< 1	0.01	310	390	4	< 2	15	29	0.04	< 10	10	157	40	166
530-DWM-012	205	226	< 1	0.02	61	730	< 2	2	23	38	0.07	< 10	10	261	40	150
530-DWM-013	205	226	< 1	0.02	50	660	2	< 2	18	47	0.03	< 10	< 10	225	40	148
530-DWM-014	205	226	< 1	0.01	58	690	6	< 2	19	27	0.06	< 10	10	248	40	132
530-DWM-015	205	226	< 1	0.02	52	730	< 2	< 2	15	29	0.06	< 10	10	271	30	156
530-DWM-016	205	226	< 1	0.03	50	730	2	< 2	14	64	0.04	< 10	< 10	199	40	74
530-DWM-017	205	226	< 1	0.01	75	290	6	< 2	9	68	< 0.01	< 10	10	93	40	64

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

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 P.O. Number :  
 Account : GKQ

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS A9519755

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-HBL-001	205 226	< 5	< 0.2	4.00	12	400	< 0.5	< 2	1.78	< 0.5	36	124	1	5.89	< 10	2	2.28	< 10	2.28	980
530-HBL-002	205 226	< 5	< 0.2	4.91	24	340	< 0.5	< 2	3.40	< 0.5	42	119	15	6.10	< 10	< 1	2.23	< 10	2.27	1445
530-HBL-003	205 226	< 5	< 0.2	2.70	2	300	< 0.5	< 2	1.49	< 0.5	23	73	17	9.32	10	< 1	0.99	< 10	0.82	720
530-HBL-004	205 226	< 5	< 0.2	4.33	< 2	130	< 0.5	< 2	2.27	< 0.5	27	73	11	5.69	< 10	< 1	1.14	< 10	1.86	990
530-HBL-005	205 226	2630	24.4	0.90	194	< 10	< 0.5	Intf*	6.64	6.5	172	137	>10000	8.71	< 10	8	0.02	< 10	0.29	955
530-HBL-006	205 226	< 5	< 0.2	2.21	8	< 10	< 0.5	< 2	1.54	< 0.5	21	83	330	3.09	< 10	< 1	0.01	< 10	1.36	460
530-HBL-007	205 226	15	< 0.2	3.10	24	20	< 0.5	< 2	1.58	< 0.5	27	97	478	4.61	< 10	< 1	0.05	< 10	1.72	540
530-HBL-008	205 226	10	< 0.2	3.58	10	10	< 0.5	< 2	1.21	< 0.5	30	39	152	6.52	< 10	< 1	0.02	< 10	2.08	660
530-HBL-009	205 226	10	< 0.2	3.19	4	40	< 0.5	< 2	1.36	< 0.5	26	78	127	4.60	< 10	< 1	0.15	< 10	1.76	490
530-HBL-010	205 226	10	< 0.2	2.63	8	10	< 0.5	< 2	2.10	< 0.5	37	99	172	5.16	< 10	< 1	0.04	< 10	1.61	630
530-HBL-011	205 226	5	< 0.2	4.12	26	310	< 0.5	< 2	2.55	< 0.5	34	104	61	5.64	< 10	< 1	2.33	< 10	2.15	945
530-HBL-012	205 226	10	< 0.2	2.42	38	60	< 0.5	< 2	3.77	< 0.5	34	129	111	4.78	< 10	1	0.16	< 10	1.75	1430
530-HBL-013	205 226	10	< 0.2	3.46	6	20	< 0.5	< 2	1.84	< 0.5	27	90	107	3.69	< 10	< 1	0.01	< 10	1.92	490
530-HBL-014	205 226	15	< 0.2	5.57	82	< 10	< 0.5	< 2	2.65	< 0.5	38	155	109	8.63	10	< 1	0.03	< 10	4.10	1140
530-HBL-015	205 226	20	< 0.2	4.21	14	< 10	< 0.5	< 2	2.21	< 0.5	23	105	142	3.45	< 10	< 1	0.03	< 10	1.68	470
530-HBL-016	205 226	20	< 0.2	3.71	82	10	< 0.5	< 2	5.14	< 0.5	38	135	105	6.83	10	1	0.10	< 10	2.00	1820
530-HBL-017	205 226	15	< 0.2	2.55	16	40	< 0.5	4	1.61	< 0.5	27	174	83	4.44	< 10	< 1	0.17	< 10	1.84	755
530-HBL-018	205 226	30	< 0.2	3.70	40	30	< 0.5	< 2	1.61	< 0.5	28	45	109	6.73	10	< 1	0.07	< 10	2.48	840
530-HBL-019	205 226	< 5	0.4	1.13	18	10	< 0.5	2	0.82	< 0.5	77	959	73	6.62	< 10	1	< 0.01	< 10	14.40	855
530-HBL-020	205 226	15	0.8	3.20	46	10	< 0.5	< 2	1.75	< 0.5	33	35	260	5.57	< 10	< 1	0.01	< 10	1.94	635
530-HBL-021	205 226	10	< 0.2	2.41	18	40	< 0.5	< 2	1.02	< 0.5	27	65	134	4.74	< 10	< 1	0.07	< 10	1.58	545
530-HBL-022	205 226	< 5	< 0.2	4.42	6	< 10	< 0.5	< 2	3.52	< 0.5	35	297	16	6.52	< 10	< 1	0.04	< 10	4.18	1070
530-HBL-023	205 226	< 5	< 0.2	2.86	20	50	< 0.5	< 2	0.75	< 0.5	33	180	145	6.04	10	1	0.11	< 10	1.97	775
530-HBL-024	205 226	< 5	< 0.2	3.30	14	20	< 0.5	< 2	1.13	< 0.5	29	116	151	4.55	< 10	1	0.01	< 10	2.67	580
530-HBL-025	205 226	< 5	< 0.2	3.58	6	20	< 0.5	< 2	1.42	< 0.5	31	131	114	5.36	< 10	< 1	0.03	< 10	3.01	640
530-HBL-026	205 226	10	< 0.2	4.42	14	20	< 0.5	< 2	3.13	< 0.5	41	158	197	6.52	< 10	< 1	0.10	< 10	3.48	1040
530-HBL-027	205 226	5	0.2	1.98	4	40	< 0.5	< 2	1.90	< 0.5	19	118	100	2.53	< 10	< 1	0.02	< 10	1.19	525
530-HBL-028	205 226	< 5	< 0.2	2.36	< 2	< 10	< 0.5	< 2	3.16	< 0.5	26	96	115	3.07	< 10	< 1	0.02	< 10	1.11	595
530-HBL-029	205 226	< 5	< 0.2	2.17	8	< 10	< 0.5	< 2	1.04	< 0.5	20	61	86	2.95	< 10	< 1	< 0.01	< 10	1.50	380
530-HBL-030	205 226	< 5	< 0.2	2.93	14	30	< 0.5	2	2.74	< 0.5	33	164	132	4.04	< 10	< 1	0.02	< 10	1.91	835
530-HBL-031	205 226	5	< 0.2	1.85	14	< 10	< 0.5	< 2	2.67	< 0.5	24	119	116	2.88	< 10	< 1	0.02	< 10	1.25	615
530-HBL-032	205 226	5	< 0.2	3.73	6	10	< 0.5	2	2.26	< 0.5	44	192	111	6.14	10	< 1	0.04	< 10	2.19	850
530-HBL-033	205 226	10	< 0.2	3.76	34	110	< 0.5	4	2.42	< 0.5	32	204	162	6.37	10	< 1	0.46	< 10	2.76	660
530-HBL-034	205 226	15	0.2	3.73	28	160	< 0.5	< 2	2.26	< 0.5	51	137	139	6.52	< 10	< 1	0.19	< 10	1.67	975
530-HBL-035	205 226	10	< 0.2	3.76	6	10	< 0.5	< 2	2.19	< 0.5	30	131	126	4.99	< 10	< 1	0.01	< 10	2.73	645
530-HBL-036	205 226	< 5	< 0.2	3.75	8	10	< 0.5	< 2	2.93	< 0.5	30	95	135	4.98	< 10	< 1	0.01	< 10	2.35	795
530-HBL-037	205 226	< 5	< 0.2	2.97	6	10	< 0.5	< 2	1.68	< 0.5	23	99	113	3.75	< 10	< 1	0.01	< 10	1.67	525
530-HBL-038	205 226	10	< 0.2	2.46	2	10	< 0.5	< 2	1.71	< 0.5	26	123	127	3.71	< 10	< 1	0.04	< 10	1.55	590
530-HBL-039	205 226	10	< 0.2	3.08	4	30	< 0.5	< 2	2.92	< 0.5	36	166	122	4.63	< 10	< 1	0.05	< 10	1.89	825
530-HBL-040	205 226	< 5	< 0.2	2.57	6	30	< 0.5	< 2	1.32	< 0.5	19	161	49	1.96	< 10	< 1	0.13	< 10	1.72	295

CERTIFICATION: Haut-Buchler

\* INTERFERENCE: Cu ON Bi



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :1-B  
 Total Pages :2  
 Certificate Date: 28-JUN-95  
 Invoice No. :19519755  
 P.O. Number :  
 Account :GKQ

\* PLEASE NOTE

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9519755</b>
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SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-HBL-001	205	226	< 1	0.03	61	540	< 2	< 2	9	15	0.46	< 10	< 10	232	< 10	58
530-HBL-002	205	226	< 1	0.20	123	450	< 2	< 2	10	23	0.37	< 10	< 10	212	< 10	98
530-HBL-003	205	226	< 1	0.13	6	1050	2	< 2	8	14	0.18	< 10	< 10	50	< 10	56
530-HBL-004	205	226	< 1	0.26	27	670	2	< 2	10	22	0.37	< 10	< 10	176	< 10	70
530-HBL-005	205	226	1	< 0.01	49	1290	2	< 2	3	28	0.11	< 10	< 10	21	< 10	464
530-HBL-006	205	226	< 1	0.13	46	330	< 2	< 2	4	13	0.34	< 10	< 10	82	< 10	38
530-HBL-007	205	226	< 1	0.11	51	450	< 2	< 2	2	27	0.34	< 10	< 10	90	< 10	60
530-HBL-008	205	226	< 1	0.05	34	510	< 2	2	5	19	0.45	< 10	< 10	140	< 10	78
530-HBL-009	205	226	< 1	0.13	47	490	< 2	< 2	2	25	0.32	< 10	< 10	85	< 10	54
530-HBL-010	205	226	< 1	0.08	52	490	< 2	< 2	6	28	0.38	< 10	< 10	123	< 10	56
530-HBL-011	205	226	< 1	0.03	75	480	< 2	< 2	8	23	0.40	< 10	< 10	178	< 10	52
530-HBL-012	205	226	< 1	0.06	57	520	2	< 2	7	15	0.44	< 10	< 10	155	< 10	70
530-HBL-013	205	226	< 1	0.20	55	280	< 2	< 2	2	33	0.24	< 10	< 10	57	< 10	38
530-HBL-014	205	226	< 1	0.01	69	370	4	< 2	33	13	0.33	< 10	< 10	277	< 10	98
530-HBL-015	205	226	< 1	0.41	63	270	2	< 2	4	36	0.29	< 10	< 10	75	< 10	40
530-HBL-016	205	226	< 1	0.03	69	380	2	< 2	30	19	0.16	< 10	< 10	262	< 10	92
530-HBL-017	205	226	< 1	0.08	77	410	6	< 2	7	15	0.41	< 10	< 10	116	< 10	94
530-HBL-018	205	226	< 1	0.11	37	540	6	2	8	16	0.40	< 10	< 10	182	< 10	88
530-HBL-019	205	226	< 1	< 0.01	1240	70	< 2	< 2	9	9	0.03	< 10	< 10	59	< 10	40
530-HBL-020	205	226	< 1	0.06	46	460	2	2	3	23	0.40	< 10	< 10	105	< 10	72
530-HBL-021	205	226	< 1	0.07	43	400	2	< 2	4	9	0.32	< 10	< 10	104	< 10	52
530-HBL-022	205	226	< 1	< 0.01	129	200	< 2	< 2	7	42	0.24	< 10	< 10	174	< 10	68
530-HBL-023	205	226	< 1	0.06	43	450	< 2	< 2	11	6	0.34	< 10	< 10	216	< 10	36
530-HBL-024	205	226	< 1	0.08	63	290	< 2	< 2	3	18	0.27	< 10	< 10	90	< 10	54
530-HBL-025	205	226	< 1	0.03	75	270	< 2	< 2	5	17	0.27	< 10	< 10	113	< 10	64
530-HBL-026	205	226	< 1	0.04	79	260	2	< 2	6	13	0.29	< 10	< 10	136	< 10	76
530-HBL-027	205	226	< 1	0.15	43	230	< 2	< 2	4	21	0.20	< 10	< 10	59	< 10	34
530-HBL-028	205	226	< 1	0.16	51	210	< 2	< 2	4	22	0.23	< 10	< 10	62	< 10	38
530-HBL-029	205	226	3	0.03	43	220	< 2	< 2	2	19	0.21	< 10	< 10	52	< 10	36
530-HBL-030	205	226	< 1	0.12	76	260	< 2	< 2	4	20	0.22	< 10	< 10	72	< 10	142
530-HBL-031	205	226	< 1	0.10	45	160	< 2	< 2	6	14	0.20	< 10	< 10	72	< 10	34
530-HBL-032	205	226	< 1	0.04	92	250	< 2	< 2	21	9	0.06	< 10	< 10	207	< 10	70
530-HBL-033	205	226	< 1	0.03	61	320	< 2	2	10	21	0.26	< 10	< 10	215	< 10	26
530-HBL-034	205	226	< 1	0.02	95	330	< 2	< 2	7	13	0.04	< 10	< 10	93	< 10	72
530-HBL-035	205	226	< 1	0.14	64	270	< 2	< 2	6	36	0.30	< 10	< 10	108	< 10	58
530-HBL-036	205	226	< 1	0.16	68	260	< 2	< 2	6	30	0.25	< 10	< 10	97	< 10	68
530-HBL-037	205	226	< 1	0.18	46	200	< 2	< 2	6	25	0.26	< 10	< 10	75	< 10	40
530-HBL-038	205	226	< 1	0.10	59	190	< 2	< 2	6	13	0.23	< 10	< 10	76	< 10	48
530-HBL-039	205	226	< 1	0.10	77	260	< 2	< 2	7	18	0.17	< 10	< 10	143	< 10	60
530-HBL-040	205	226	< 1	0.18	65	120	< 2	< 2	2	24	0.08	< 10	< 10	29	< 10	20

CERTIFICATION:

*Stuart Deveau*

\* INTERFERENCE: Cu ON Bi





# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 2-A  
 Total Pages : 2  
 Certificate Date: 28-JUN-95  
 Invoice No. : 19519755  
 P.O. Number :  
 Account : GKQ

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS A9519755

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
530-HBL-041	205	226	< 5	< 0.2	3.08	6	10	< 0.5	< 2	2.25	< 0.5	18	201	58	1.90	< 10	< 1	0.01	< 10	1.49	310
530-HBL-043	205	226	< 5	< 0.2	3.41	16	60	< 0.5	2	4.54	< 0.5	42	161	157	6.17	10	< 1	0.60	< 10	2.26	1840
530-HBL-044	205	226	< 5	< 0.2	2.67	2	60	< 0.5	4	0.58	< 0.5	61	197	219	6.09	10	1	0.63	< 10	1.07	570
530-HBL-045	205	226	< 5	< 0.2	3.55	12	20	< 0.5	< 2	2.51	< 0.5	41	176	156	6.84	10	1	0.03	< 10	2.44	1070
530-HBL-046	205	226	< 5	< 0.2	4.34	4	10	< 0.5	2	3.37	< 0.5	35	160	178	6.74	10	< 1	0.02	< 10	2.83	950
530-HBL-047	205	226	< 5	< 0.2	4.68	54	60	< 0.5	< 2	4.00	< 0.5	43	147	160	6.10	10	1	0.43	< 10	2.17	1725
530-HBL-048	205	226	< 5	< 0.2	1.69	132	100	< 0.5	< 2	9.15	0.5	43	98	313	5.29	< 10	< 1	0.39	< 10	3.98	2660
530-HBL-049	205	226	< 5	< 0.2	2.84	4	30	< 0.5	6	1.32	< 0.5	18	103	27	3.42	< 10	< 1	0.12	< 10	1.81	410
530-HBL-050	205	226	< 5	< 0.2	4.14	6	90	< 0.5	2	3.32	< 0.5	31	153	162	6.60	10	< 1	0.36	< 10	2.05	960
530-HBL-051	205	226	< 5	< 0.2	6.86	8	90	< 0.5	2	2.32	< 0.5	48	184	530	8.34	10	< 1	0.43	< 10	2.30	515
530-HBL-052	205	226	70	0.4	3.29	< 2	100	< 0.5	6	2.10	< 0.5	32	81	1285	3.24	< 10	< 1	0.24	< 10	0.89	330
530-HBL-053	205	226	< 5	< 0.2	1.67	2	40	< 0.5	< 2	1.35	< 0.5	15	172	199	2.57	< 10	1	0.07	< 10	0.85	510
530-HBL-054	205	226	< 5	< 0.2	2.79	2	20	< 0.5	2	2.07	< 0.5	18	152	247	3.59	< 10	< 1	0.02	< 10	1.63	385

CERTIFICATION:

*Hart Bickler*

\* INTERFERENCE: Cu ON Bi



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project: 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number :2-B  
Total Pages :2  
Certificate Date: 28-JUN-95  
Invoice No. : I9519755  
P.O. Number :  
Account : GKQ

\* PLEASE NOTE

## CERTIFICATE OF ANALYSIS A9519755

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-HBL-041	205 226	< 1	0.19	61	120	< 2	< 2	2	24	0.11	< 10	< 10	34	< 10	20
530-HBL-043	205 226	< 1	0.16	49	180	2	< 2	48	28	0.10	< 10	< 10	213	< 10	74
530-HBL-044	205 226	< 1	0.09	45	360	< 2	< 2	29	9	0.11	< 10	< 10	250	< 10	58
530-HBL-045	205 226	< 1	0.06	60	420	< 2	< 2	24	17	0.06	< 10	< 10	253	< 10	86
530-HBL-046	205 226	< 1	0.03	56	350	< 2	< 2	31	20	0.07	< 10	< 10	273	< 10	84
530-HBL-047	205 226	< 1	0.24	46	450	< 2	< 2	17	32	0.07	< 10	< 10	212	< 10	102
530-HBL-048	205 226	< 1	0.06	73	170	< 2	< 2	14	71	0.04	< 10	< 10	116	< 10	168
530-HBL-049	205 226	< 1	0.17	29	310	< 2	< 2	5	26	0.10	< 10	< 10	82	< 10	38
530-HBL-050	205 226	< 1	0.21	53	380	< 2	< 2	20	31	0.06	< 10	< 10	232	< 10	66
530-HBL-051	205 226	< 1	0.36	84	330	2	< 2	24	35	0.06	< 10	< 10	270	< 10	114
530-HBL-052	205 226	< 1	0.34	35	410	< 2	< 2	11	54	0.07	< 10	< 10	124	< 10	40
530-HBL-053	205 226	< 1	0.09	38	210	< 2	< 2	13	17	0.05	< 10	< 10	117	< 10	40
530-HBL-054	205 226	< 1	0.27	35	320	< 2	< 2	12	29	0.12	< 10	< 10	114	< 10	38

CERTIFICATION: *Stuart Deveau*

\* INTERFERENCE: Cu ON Bi



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :1-A  
 Total Pages :3  
 Certificate Date: 28-JUN-95  
 Invoice No. : I9519759  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9519759

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-RM-001	205 226	< 5	< 0.2	4.56	2	130	< 0.5	4	1.20	< 0.5	49	312	45	8.32	10	1	1.77	< 10	2.31	1755
530-RM-002	205 226	15	< 0.2	2.02	4	80	< 0.5	< 2	0.83	< 0.5	20	84	50	8.34	< 10	< 1	0.83	< 10	0.77	785
530-RM-003	205 226	45	< 0.2	3.90	12	30	< 0.5	< 2	3.10	< 0.5	30	144	109	5.44	< 10	< 1	0.23	< 10	3.40	750
530-RM-004	205 226	< 5	< 0.2	2.05	2	80	< 0.5	< 2	2.71	< 0.5	25	99	96	3.93	< 10	< 1	0.16	< 10	1.56	1030
530-RM-005	205 226	< 5	< 0.2	3.04	34	30	< 0.5	< 2	1.13	< 0.5	32	98	74	3.75	< 10	< 1	0.18	< 10	2.48	440
530-RM-006	205 226	< 5	< 0.2	3.64	14	20	< 0.5	< 2	0.91	< 0.5	27	79	86	4.43	< 10	< 1	0.05	< 10	2.68	555
530-RM-007	205 226	< 5	< 0.2	2.40	12	30	< 0.5	< 2	0.85	< 0.5	22	67	105	4.00	< 10	< 1	0.02	< 10	1.69	505
530-RM-008	205 226	5	< 0.2	3.14	< 2	40	< 0.5	6	1.20	< 0.5	24	78	97	4.84	< 10	< 1	0.15	< 10	1.88	615
530-RM-009	205 226	10	0.2	3.83	34	10	< 0.5	6	1.45	< 0.5	31	50	160	6.58	< 10	< 1	0.05	< 10	2.51	715
530-RM-010	205 226	10	< 0.2	2.46	6	< 10	< 0.5	< 2	1.04	< 0.5	26	58	174	5.04	< 10	1	0.01	< 10	1.40	515
530-RM-011	205 226	15	< 0.2	2.21	< 2	10	< 0.5	< 2	0.80	< 0.5	25	68	101	4.36	< 10	< 1	0.04	< 10	1.62	515
530-RM-012	205 226	20	< 0.2	2.23	20	< 10	< 0.5	< 2	1.35	< 0.5	25	65	83	3.57	< 10	< 1	0.01	< 10	1.92	475
530-RM-013	205 226	10	0.2	3.07	28	30	< 0.5	2	0.90	< 0.5	31	73	121	4.97	< 10	1	0.12	< 10	2.81	670
530-RM-014	205 226	< 5	< 0.2	3.35	6	10	< 0.5	2	1.26	< 0.5	32	145	113	4.80	< 10	< 1	< 0.01	< 10	3.14	640
530-RM-015	205 226	10	< 0.2	3.40	28	10	< 0.5	2	1.01	< 0.5	24	112	48	4.22	< 10	< 1	< 0.01	< 10	2.85	595
530-RM-016	205 226	10	< 0.2	2.59	22	10	< 0.5	< 2	2.99	< 0.5	33	147	75	3.31	< 10	< 1	< 0.01	< 10	2.09	790
530-RM-017	205 226	25	< 0.2	4.65	8	< 10	< 0.5	< 2	2.07	< 0.5	42	213	94	7.12	10	< 1	< 0.01	< 10	3.54	1030
530-RM-018	205 226	30	< 0.2	3.35	2	180	< 0.5	< 2	0.75	< 0.5	31	44	223	6.77	10	< 1	1.44	< 10	1.74	755
530-RM-019	205 226	10	< 0.2	3.81	2	20	< 0.5	2	0.65	< 0.5	49	292	6	6.87	10	< 1	0.11	< 10	2.83	1675
530-RM-020	205 226	15	< 0.2	3.73	< 2	20	< 0.5	6	1.65	< 0.5	42	148	21	8.13	10	< 1	0.29	< 10	2.53	1640
530-RM-021	205 226	830	0.2	2.37	82	30	< 0.5	6	4.33	< 0.5	28	175	167	5.28	< 10	< 1	0.70	< 10	3.80	870
530-RM-022	205 226	230	< 0.2	2.46	44	50	< 0.5	< 2	4.04	< 0.5	32	167	185	6.04	< 10	< 1	1.00	< 10	3.61	1055
530-RM-023	205 226	20	< 0.2	4.91	6	< 10	< 0.5	6	3.56	< 0.5	50	267	116	6.58	10	< 1	0.02	< 10	2.93	1125
530-RM-024	205 226	20	< 0.2	4.67	6	70	< 0.5	< 2	4.14	< 0.5	39	176	121	5.62	10	< 1	0.35	< 10	3.39	1115
530-RM-025	205 226	20	0.2	5.46	6	10	< 0.5	2	0.72	< 0.5	45	190	109	8.91	10	< 1	0.04	< 10	3.29	770
530-RM-026	205 226	25	< 0.2	2.53	12	10	< 0.5	< 2	0.99	< 0.5	25	74	67	3.68	< 10	< 1	0.02	< 10	2.22	550
530-RM-027	205 226	10	< 0.2	2.17	16	10	< 0.5	< 2	1.33	< 0.5	20	22	191	5.20	< 10	< 1	0.07	< 10	0.90	645
530-RM-028	205 226	5	< 0.2	2.44	6	10	< 0.5	< 2	0.93	< 0.5	21	70	70	3.93	< 10	< 1	< 0.01	< 10	1.84	515
530-RM-029	205 226	10	< 0.2	1.83	4	120	< 0.5	< 2	1.31	< 0.5	25	71	86	3.46	< 10	< 1	0.48	< 10	0.93	590
530-RM-030	205 226	5	< 0.2	2.59	< 2	< 10	< 0.5	< 2	1.38	< 0.5	23	69	86	4.62	< 10	< 1	0.01	< 10	1.72	630
530-RM-031	205 226	< 5	< 0.2	2.86	40	30	< 0.5	< 2	2.86	< 0.5	37	85	121	4.53	< 10	< 1	0.12	< 10	1.58	785
530-RM-032	205 226	< 5	< 0.2	2.59	2	< 10	< 0.5	< 2	1.19	< 0.5	19	103	68	4.29	< 10	< 1	0.01	< 10	1.59	540
530-RM-033	205 226	< 5	< 0.2	3.27	14	90	< 0.5	< 2	1.18	< 0.5	30	113	129	5.18	< 10	< 1	0.60	< 10	2.47	600
530-RM-034	205 226	< 5	< 0.2	2.44	10	80	< 0.5	< 2	0.90	< 0.5	23	92	134	3.70	< 10	1	0.15	< 10	2.05	510
530-RM-035	205 226	< 5	< 0.2	3.89	28	10	< 0.5	< 2	4.06	< 0.5	37	164	125	4.85	< 10	1	0.03	< 10	2.98	960
530-RM-036	205 226	10	< 0.2	4.41	62	10	< 0.5	4	5.49	< 0.5	36	167	135	6.19	< 10	< 1	0.06	< 10	2.86	1075
530-RM-037	205 226	20	< 0.2	4.41	92	< 10	< 0.5	2	3.54	< 0.5	37	162	147	6.42	10	< 1	0.08	< 10	3.01	960
530-RM-038	205 226	5	< 0.2	5.03	12	< 10	< 0.5	6	4.20	< 0.5	43	216	111	7.24	< 10	< 1	< 0.01	< 10	3.26	1310
530-RM-039	205 226	< 5	< 0.2	4.64	6	10	< 0.5	2	2.25	< 0.5	35	192	101	6.55	< 10	< 1	0.03	< 10	3.52	1035
530-RM-040	205 226	10	< 0.2	3.71	10	10	< 0.5	2	2.79	< 0.5	17	172	31	5.69	< 10	< 1	0.07	< 10	2.27	950

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number :1-B  
Total Pages :3  
Certificate Date:28-JUN-95  
Invoice No. :19519759  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9519759

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-RM-001	205 226	< 1	0.02	94	390	< 2	2	7	7	0.38	< 10	< 10	296	< 10	208
530-RM-002	205 226	< 1	0.02	4	1000	< 2	< 2	2	11	0.13	< 10	< 10	5	< 10	88
530-RM-003	205 226	< 1	0.02	61	220	< 2	< 2	4	20	0.14	< 10	< 10	115	< 10	58
530-RM-004	205 226	< 1	0.03	91	510	< 2	< 2	2	13	0.29	< 10	< 10	92	< 10	62
530-RM-005	205 226	< 1	0.07	57	250	< 2	< 2	1	20	0.14	< 10	< 10	54	< 10	44
530-RM-006	205 226	< 1	0.12	58	300	< 2	< 2	1	18	0.20	< 10	< 10	64	< 10	48
530-RM-007	205 226	< 1	0.01	45	430	< 2	< 2	1	15	0.25	< 10	< 10	68	< 10	48
530-RM-008	205 226	< 1	0.10	49	550	< 2	< 2	2	20	0.30	< 10	< 10	82	< 10	52
530-RM-009	205 226	< 1	0.06	47	430	< 2	< 2	4	18	0.39	< 10	< 10	136	< 10	76
530-RM-010	205 226	< 1	0.06	38	410	< 2	< 2	3	11	0.34	< 10	< 10	86	< 10	56
530-RM-011	205 226	< 1	0.04	43	460	< 2	< 2	2	11	0.27	< 10	< 10	83	< 10	48
530-RM-012	205 226	< 1	0.03	50	240	< 2	< 2	2	14	0.24	< 10	< 10	70	< 10	36
530-RM-013	205 226	< 1	0.02	55	260	< 2	< 2	2	7	0.20	< 10	< 10	108	< 10	56
530-RM-014	205 226	< 1	0.02	61	240	< 2	< 2	2	19	0.17	< 10	< 10	80	< 10	60
530-RM-015	205 226	< 1	0.08	56	230	< 2	< 2	1	16	0.17	< 10	< 10	55	< 10	54
530-RM-016	205 226	< 1	0.04	75	200	< 2	< 2	3	24	0.19	< 10	< 10	69	< 10	52
530-RM-017	205 226	< 1	0.02	96	260	< 2	< 2	15	10	0.21	< 10	< 10	236	< 10	82
530-RM-018	205 226	< 1	< 0.01	64	320	< 2	< 2	5	9	0.59	< 10	< 10	558	< 10	56
530-RM-019	205 226	< 1	0.02	107	450	< 2	< 2	7	7	0.41	< 10	< 10	236	< 10	82
530-RM-020	205 226	< 1	0.01	58	540	< 2	< 2	6	8	0.32	< 10	< 10	247	< 10	80
530-RM-021	205 226	< 1	0.02	71	20	< 2	2	24	82	0.10	< 10	< 10	192	10	58
530-RM-022	205 226	< 1	0.02	65	60	< 2	< 2	25	75	0.15	< 10	< 10	194	10	60
530-RM-023	205 226	< 1	0.12	95	240	< 2	< 2	9	21	0.16	< 10	< 10	190	< 10	72
530-RM-024	205 226	< 1	0.07	75	250	< 2	< 2	8	28	0.26	< 10	< 10	157	< 10	78
530-RM-025	205 226	< 1	0.01	65	260	< 2	< 2	21	3	0.06	< 10	< 10	198	< 10	74
530-RM-026	205 226	< 1	0.03	51	250	2	< 2	3	11	0.25	< 10	< 10	75	< 10	46
530-RM-027	205 226	1	0.09	14	750	2	< 2	3	11	0.32	< 10	< 10	84	< 10	60
530-RM-028	205 226	< 1	0.01	41	370	< 2	< 2	2	13	0.27	< 10	< 10	84	< 10	50
530-RM-029	205 226	< 1	0.08	33	410	< 2	< 2	7	8	0.28	< 10	< 10	120	< 10	54
530-RM-030	205 226	< 1	0.04	43	320	< 2	< 2	2	8	0.26	< 10	< 10	81	< 10	48
530-RM-031	205 226	< 1	0.13	57	520	< 2	2	3	26	0.34	< 10	< 10	108	< 10	52
530-RM-032	205 226	< 1	0.02	35	460	< 2	< 2	3	20	0.42	< 10	< 10	95	< 10	48
530-RM-033	205 226	12	0.01	70	410	2	2	3	20	0.34	< 10	< 10	115	< 10	58
530-RM-034	205 226	4	0.03	46	290	< 2	< 2	2	16	0.27	< 10	< 10	67	< 10	48
530-RM-035	205 226	1	0.07	92	240	< 2	< 2	7	26	0.25	< 10	< 10	118	< 10	64
530-RM-036	205 226	< 1	0.07	72	240	< 2	< 2	16	29	0.17	< 10	< 10	168	< 10	70
530-RM-037	205 226	< 1	0.01	78	270	< 2	< 2	11	17	0.02	< 10	< 10	134	< 10	74
530-RM-038	205 226	< 1	0.04	77	270	< 2	< 2	6	16	0.25	< 10	< 10	161	< 10	92
530-RM-039	205 226	< 1	0.04	76	290	< 2	< 2	10	11	0.23	< 10	< 10	212	< 10	76
530-RM-040	205 226	< 1	0.02	82	260	< 2	< 2	7	19	< 0.01	< 10	< 10	102	< 10	56

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 POV 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :2-A  
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 Invoice No. :19519759  
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<b>CERTIFICATE OF ANALYSIS</b>	<b>A9519759</b>
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SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
530-RM-041	205	226	10	< 0.2	4.35	42	50	< 0.5	2	0.97	< 0.5	32	152	106	7.04	10	< 1	0.19	< 10	2.71	670
530-RM-042	205	226	< 5	< 0.2	3.66	20	30	< 0.5	< 2	0.73	< 0.5	26	74	123	5.09	< 10	< 1	0.18	< 10	3.29	705
530-RM-043	205	226	155	< 0.2	1.93	150	< 10	< 0.5	2	7.99	< 0.5	32	239	215	4.15	< 10	< 1	< 0.01	< 10	1.60	1240
530-RM-044	205	226	5	< 0.2	4.19	< 2	20	< 0.5	< 2	3.20	< 0.5	29	96	145	5.38	< 10	< 1	0.10	< 10	3.14	745
530-RM-045	205	226	5	< 0.2	4.42	8	10	< 0.5	2	4.36	< 0.5	30	175	128	6.68	< 10	< 1	< 0.01	< 10	3.19	1055
530-RM-046	205	226	10	< 0.2	2.72	8	10	< 0.5	8	3.27	< 0.5	24	106	90	3.71	< 10	< 1	0.01	< 10	2.07	800
530-RM-047	205	226	< 5	< 0.2	2.99	18	20	< 0.5	2	1.06	< 0.5	25	115	97	4.03	< 10	< 1	0.01	< 10	2.28	560
530-RM-048	205	226	10	< 0.2	2.08	20	10	< 0.5	< 2	1.41	< 0.5	23	77	9	2.96	< 10	< 1	< 0.01	< 10	1.54	490
530-RM-049	205	226	5	< 0.2	2.55	12	20	< 0.5	< 2	1.51	< 0.5	25	113	78	3.15	< 10	< 1	0.06	< 10	1.65	560
530-RM-050	205	226	15	< 0.2	1.74	12	< 10	< 0.5	< 2	1.35	< 0.5	14	82	128	2.50	< 10	< 1	< 0.01	< 10	0.71	295
530-RM-051	205	226	10	< 0.2	3.07	14	20	< 0.5	< 2	1.77	< 0.5	29	105	121	5.10	< 10	< 1	0.03	< 10	1.90	740
530-RM-052	205	226	5	< 0.2	2.70	6	10	< 0.5	< 2	1.30	< 0.5	23	51	121	4.57	< 10	< 1	0.02	< 10	1.56	590
530-RM-053	205	226	10	< 0.2	2.69	4	20	< 0.5	< 2	1.78	< 0.5	24	61	106	4.64	< 10	< 1	0.02	< 10	1.63	645
530-RM-054	205	226	10	< 0.2	4.20	8	10	< 0.5	< 2	2.04	< 0.5	44	151	116	6.68	10	< 1	0.02	< 10	2.90	1090
530-RM-055	205	226	5	< 0.2	2.61	6	20	< 0.5	< 2	1.08	< 0.5	23	91	75	3.25	< 10	< 1	0.02	< 10	1.80	440
530-RM-056	205	226	< 5	< 0.2	2.59	22	10	< 0.5	< 2	1.54	< 0.5	28	117	106	3.50	< 10	< 1	0.01	< 10	1.54	555
530-RM-057	205	226	10	< 0.2	3.43	34	20	< 0.5	< 2	1.48	< 0.5	26	120	67	4.70	< 10	< 1	0.04	< 10	2.93	635
530-RM-058	205	226	10	< 0.2	5.13	8	< 10	< 0.5	2	2.31	< 0.5	51	154	153	9.01	10	< 1	0.04	< 10	2.50	1425
530-RM-059	205	226	< 5	< 0.2	4.26	24	10	< 0.5	2	1.41	< 0.5	33	317	4	3.32	< 10	< 1	0.03	< 10	3.12	520
530-RM-060	205	226	5	< 0.2	3.84	24	10	< 0.5	< 2	5.61	< 0.5	40	154	115	5.93	< 10	< 1	0.06	< 10	2.35	1160
530-RM-061	205	226	5	< 0.2	3.81	14	< 10	< 0.5	< 2	1.35	< 0.5	29	83	90	4.91	< 10	< 1	0.02	< 10	2.98	775
530-RM-062	205	226	15	< 0.2	4.92	44	< 10	< 0.5	2	2.25	< 0.5	34	183	193	8.01	10	< 1	0.02	< 10	2.49	1000
530-RM-063	205	226	10	< 0.2	2.97	14	10	< 0.5	2	1.42	< 0.5	27	58	141	4.42	< 10	< 1	0.05	< 10	2.39	665
530-RM-064	205	226	15	< 0.2	2.41	16	10	< 0.5	< 2	0.78	< 0.5	25	98	98	3.62	< 10	< 1	0.01	< 10	1.89	515
530-RM-065	205	226	10	< 0.2	2.04	4	< 10	< 0.5	< 2	0.62	< 0.5	15	81	42	2.87	< 10	< 1	< 0.01	< 10	1.62	365
530-RM-066	205	226	< 5	< 0.2	1.72	12	10	< 0.5	< 2	0.66	< 0.5	15	76	45	2.26	< 10	< 1	0.01	< 10	1.15	265
530-RM-067	205	226	< 5	< 0.2	2.23	2	10	< 0.5	< 2	1.24	< 0.5	21	97	74	3.54	< 10	< 1	< 0.01	< 10	1.73	740
530-RM-068	205	226	10	< 0.2	3.15	6	< 10	< 0.5	< 2	0.74	< 0.5	28	17	15	5.58	< 10	< 1	< 0.01	< 10	2.31	660
530-RM-069	205	226	< 5	< 0.2	3.03	2	50	< 0.5	< 2	1.05	< 0.5	21	50	60	5.46	< 10	< 1	0.06	< 10	2.00	625
530-RM-070	205	226	< 5	< 0.2	4.69	16	< 10	< 0.5	4	1.87	< 0.5	30	132	113	3.95	< 10	< 1	0.02	< 10	2.41	595
530-RM-071	205	226	10	< 0.2	4.97	< 2	160	< 0.5	< 2	1.03	< 0.5	44	206	115	8.79	10	< 1	0.52	< 10	3.17	1640
530-RM-072	205	226	880	< 0.2	2.78	2370	< 10	< 0.5	2	6.43	< 0.5	28	351	40	3.52	< 10	< 1	0.02	< 10	2.60	750
530-RM-073	205	226	10	< 0.2	3.03	14	< 10	< 0.5	2	2.71	< 0.5	21	82	215	4.48	< 10	< 1	0.03	< 10	2.80	670
530-RM-074	205	226	20	< 0.2	4.05	32	20	< 0.5	2	1.91	< 0.5	36	164	118	5.34	< 10	< 1	0.01	< 10	2.51	800
530-RM-075	205	226	10	< 0.2	4.77	6	20	< 0.5	2	3.87	< 0.5	45	184	103	6.83	10	< 1	0.03	< 10	3.32	1060
530-RM-076	205	226	5	< 0.2	3.21	8	10	< 0.5	< 2	1.37	< 0.5	28	144	15	4.39	< 10	< 1	0.03	< 10	2.69	660
530-RM-077	205	226	15	< 0.2	3.16	28	10	< 0.5	4	1.47	< 0.5	29	87	139	4.46	< 10	< 1	0.01	< 10	2.08	670
530-RM-078	205	226	25	< 0.2	4.62	34	< 10	< 0.5	10	0.39	< 0.5	16	135	121	10.75	10	< 1	0.01	< 10	3.20	1045
530-RM-079	205	226	10	< 0.2	2.72	18	10	< 0.5	< 2	0.93	< 0.5	22	91	69	4.06	< 10	< 1	< 0.01	< 10	1.81	500
530-RM-080	205	226	10	< 0.2	2.28	12	10	< 0.5	< 2	4.23	< 0.5	24	93	102	3.62	< 10	< 1	0.03	< 10	1.58	1065

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 530-HUMLIN  
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Page Number :2-B  
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## CERTIFICATE OF ANALYSIS

### A9519759

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-RM-041	205 226	< 1	0.01	60	450	< 2	< 2	18	9	0.04	< 10	< 10	187	< 10	82
530-RM-042	205 226	1	0.01	63	230	< 2	< 2	3	18	0.28	< 10	< 10	115	< 10	74
530-RM-043	205 226	1	< 0.01	104	100	< 2	< 2	18	67	< 0.01	< 10	< 10	129	120	40
530-RM-044	205 226	< 1	0.08	69	280	< 2	< 2	4	22	0.22	< 10	< 10	122	< 10	62
530-RM-045	205 226	< 1	0.03	71	230	< 2	< 2	20	21	0.15	< 10	< 10	216	< 10	78
530-RM-046	205 226	< 1	0.06	55	180	< 2	2	5	23	0.18	< 10	< 10	77	< 10	48
530-RM-047	205 226	< 1	0.06	55	230	< 2	< 2	3	22	0.25	< 10	< 10	82	< 10	54
530-RM-048	205 226	< 1	0.01	48	230	< 2	< 2	2	27	0.23	< 10	< 10	54	< 10	42
530-RM-049	205 226	< 1	0.10	50	220	< 2	< 2	3	17	0.20	< 10	< 10	53	< 10	42
530-RM-050	205 226	< 1	0.01	26	300	< 2	< 2	3	35	0.29	< 10	< 10	59	< 10	32
530-RM-051	205 226	< 1	0.03	54	500	< 2	< 2	3	21	0.32	< 10	< 10	96	< 10	66
530-RM-052	205 226	< 1	0.02	33	450	2	< 2	4	22	0.32	< 10	< 10	108	< 10	60
530-RM-053	205 226	< 1	0.06	34	540	2	< 2	4	15	0.32	< 10	< 10	98	< 10	72
530-RM-054	205 226	< 1	0.01	67	480	< 2	< 2	8	21	0.33	< 10	< 10	173	< 10	84
530-RM-055	205 226	< 1	0.07	50	210	< 2	< 2	2	18	0.20	< 10	< 10	52	< 10	38
530-RM-056	205 226	< 1	0.12	56	210	< 2	< 2	3	18	0.20	< 10	< 10	59	< 10	40
530-RM-057	205 226	< 1	< 0.01	51	270	< 2	< 2	3	19	0.18	< 10	< 10	88	< 10	58
530-RM-058	205 226	< 1	< 0.01	97	150	< 2	< 2	19	8	0.02	< 10	< 10	164	< 10	112
530-RM-059	205 226	< 1	0.20	159	160	< 2	< 2	2	18	0.16	< 10	< 10	53	< 10	40
530-RM-060	205 226	1	0.01	70	240	< 2	< 2	11	23	0.17	< 10	< 10	127	< 10	64
530-RM-061	205 226	< 1	0.08	67	260	< 2	< 2	3	16	0.26	< 10	< 10	104	< 10	62
530-RM-062	205 226	< 1	0.02	83	340	2	< 2	22	16	0.01	< 10	< 10	216	< 10	82
530-RM-063	205 226	< 1	< 0.01	39	330	< 2	< 2	5	19	0.26	< 10	< 10	116	< 10	54
530-RM-064	205 226	< 1	0.03	47	230	< 2	< 2	3	11	0.18	< 10	< 10	65	< 10	48
530-RM-065	205 226	< 1	0.01	42	190	< 2	< 2	1	11	0.24	< 10	< 10	40	< 10	32
530-RM-066	205 226	< 1	0.03	35	180	< 2	< 2	1	15	0.17	< 10	< 10	33	< 10	28
530-RM-067	205 226	< 1	0.02	36	290	< 2	< 2	3	5	0.27	< 10	< 10	80	< 10	42
530-RM-068	205 226	< 1	< 0.01	21	400	< 2	< 2	3	7	0.34	< 10	< 10	111	< 10	54
530-RM-069	205 226	< 1	0.01	21	670	< 2	2	3	12	0.41	< 10	< 10	114	< 10	68
530-RM-070	205 226	< 1	0.29	91	230	< 2	< 2	2	26	0.20	< 10	< 10	69	< 10	54
530-RM-071	205 226	< 1	0.01	99	370	< 2	< 2	21	8	0.33	< 10	< 10	271	< 10	78
530-RM-072	205 226	< 1	0.01	92	20	< 2	< 2	16	37	0.06	< 10	< 10	135	< 10	42
530-RM-073	205 226	< 1	< 0.01	29	60	< 2	2	2	15	0.05	< 10	< 10	57	< 10	54
530-RM-074	205 226	< 1	0.14	69	320	< 2	< 2	6	19	0.26	< 10	< 10	145	< 10	74
530-RM-075	205 226	1	0.05	118	230	< 2	< 2	27	17	0.06	< 10	< 10	240	< 10	82
530-RM-076	205 226	< 1	0.04	54	200	< 2	< 2	4	11	0.25	< 10	< 10	104	< 10	54
530-RM-077	205 226	< 1	0.12	59	370	< 2	2	6	12	0.40	< 10	< 10	119	< 10	58
530-RM-078	205 226	< 1	< 0.01	38	200	4	< 2	9	10	0.24	< 10	< 10	163	< 10	114
530-RM-079	205 226	< 1	0.06	59	310	< 2	< 2	4	10	0.33	< 10	< 10	104	< 10	48
530-RM-080	205 226	< 1	0.03	51	200	< 2	< 2	3	12	0.23	< 10	< 10	92	< 10	46

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 28-JUN-95  
 Invoice No. :19519759  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9519759

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
530-RM-081	205	226	10	< 0.2	2.49	18	10	< 0.5	< 2	1.17	< 0.5	25	52	107	2.80	< 10	< 1	< 0.01	< 10	1.43	400
530-RM-082	205	226	15	< 0.2	2.86	6	10	< 0.5	< 2	0.92	< 0.5	23	109	62	3.64	< 10	< 1	0.01	< 10	2.01	420
530-RM-083	205	226	5	< 0.2	3.62	8	< 10	< 0.5	4	4.74	< 0.5	32	165	150	5.70	< 10	< 1	0.04	< 10	1.91	1400
530-RM-084	205	226	15	< 0.2	2.07	6	40	< 0.5	< 2	1.95	< 0.5	20	146	73	2.89	< 10	< 1	0.14	< 10	1.63	780
530-RM-085	205	226	10	< 0.2	5.65	6	< 10	< 0.5	< 2	1.22	< 0.5	40	188	70	7.63	10	1	0.02	< 10	4.88	860
530-RM-086	205	226	10	< 0.2	2.93	6	< 10	< 0.5	< 2	3.15	< 0.5	32	114	136	4.61	< 10	< 1	0.01	< 10	2.05	835
530-RM-087	205	226	10	< 0.2	2.21	4	< 10	< 0.5	< 2	1.70	< 0.5	22	78	147	3.43	< 10	< 1	0.01	< 10	1.51	520
530-RM-088	205	226	10	< 0.2	1.84	4	< 10	< 0.5	< 2	1.03	< 0.5	19	57	151	2.81	< 10	< 1	< 0.01	< 10	1.18	375
530-RM-089	205	226	15	< 0.2	2.90	2	10	< 0.5	4	1.45	< 0.5	18	53	119	2.99	< 10	< 1	< 0.01	< 10	1.47	360
530-RM-090	205	226	15	< 0.2	2.33	< 2	< 10	< 0.5	2	1.48	< 0.5	21	67	157	3.07	< 10	< 1	0.01	< 10	1.42	405
530-RM-091	205	226	15	< 0.2	1.41	< 2	< 10	< 0.5	< 2	1.16	< 0.5	20	123	167	2.29	< 10	< 1	0.01	< 10	0.85	460
530-RM-092	205	226	10	< 0.2	1.73	4	10	< 0.5	< 2	1.28	< 0.5	19	87	122	3.25	< 10	1	0.04	< 10	1.34	605
530-RM-093	205	226	15	< 0.2	5.34	12	20	< 0.5	< 2	5.32	< 0.5	51	630	75	7.17	< 10	< 1	0.01	< 10	4.57	1010
530-RM-094	205	226	15	< 0.2	2.62	20	10	< 0.5	< 2	0.96	< 0.5	28	102	110	3.84	< 10	< 1	0.02	< 10	2.05	485
530-RM-095	205	226	15	< 0.2	3.74	4	60	< 0.5	< 2	2.86	< 0.5	47	230	145	6.17	< 10	< 1	0.35	< 10	1.79	1210
530-RM-096	205	226	< 5	< 0.2	3.97	2	70	< 0.5	2	2.84	< 0.5	32	133	161	5.28	< 10	1	0.25	< 10	3.79	525
530-RM-097	205	226	< 5	< 0.2	2.43	2	< 10	< 0.5	< 2	0.85	< 0.5	22	75	78	3.53	< 10	< 1	0.01	< 10	2.00	390
530-RM-098	205	226	10	< 0.2	1.33	< 2	< 10	< 0.5	< 2	1.34	< 0.5	17	79	118	2.63	< 10	< 1	0.03	< 10	0.87	375
530-RM-099	205	226	10	< 0.2	1.31	2	< 10	< 0.5	< 2	2.41	< 0.5	14	62	135	2.10	< 10	< 1	0.02	< 10	0.81	490
530-RM-100	205	226	20	< 0.2	2.17	2	< 10	< 0.5	< 2	1.86	< 0.5	16	79	95	3.00	< 10	< 1	0.03	< 10	1.46	410
530-RM-101	205	226	10	< 0.2	1.93	< 2	< 10	< 0.5	< 2	1.28	< 0.5	16	80	132	2.92	< 10	1	0.01	< 10	1.07	355
530-RM-102	205	226	< 5	< 0.2	1.55	2	< 10	< 0.5	< 2	1.29	< 0.5	16	91	139	2.37	< 10	< 1	0.01	< 10	0.75	285
530-RM-103	205	226	15	< 0.2	0.98	10	< 10	< 0.5	< 2	1.32	< 0.5	14	79	147	1.43	< 10	< 1	< 0.01	< 10	0.37	305
530-RM-104	205	226	15	< 0.2	3.71	8	30	< 0.5	2	3.65	< 0.5	26	94	138	4.23	< 10	< 1	0.15	< 10	2.47	675
530-RM-105	205	226	20	< 0.2	2.25	< 2	< 10	< 0.5	< 2	1.12	< 0.5	21	45	159	3.21	< 10	< 1	0.01	< 10	1.44	370
530-RM-106	205	226	15	< 0.2	2.68	4	< 10	< 0.5	2	0.92	< 0.5	25	88	133	4.29	< 10	< 1	0.01	< 10	1.98	600
530-RM-107	205	226	20	< 0.2	3.71	< 2	10	< 0.5	< 2	1.32	< 0.5	26	56	113	4.28	< 10	1	0.01	< 10	2.61	455
530-RM-108	205	226	15	< 0.2	1.31	6	10	< 0.5	< 2	2.00	< 0.5	15	280	16	1.42	< 10	< 1	< 0.01	< 10	1.42	340
530-RM-109	205	226	20	< 0.2	1.63	< 2	10	< 0.5	< 2	1.03	< 0.5	17	234	180	1.94	< 10	< 1	0.01	< 10	1.98	310

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :3-B  
 Total Pages :3  
 Certificate Date: 28-JUN-95  
 Invoice No. : I9519759  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9519759

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-RM-081	205 226	< 1	0.13	46	240	< 2	< 2	1	17	0.14	< 10	< 10	41	< 10	34
530-RM-082	205 226	1	0.09	48	200	< 2	< 2	2	15	0.21	< 10	< 10	62	< 10	48
530-RM-083	205 226	< 1	0.02	91	290	< 2	< 2	13	12	0.01	< 10	< 10	163	< 10	70
530-RM-084	205 226	< 1	0.05	56	160	< 2	< 2	4	12	0.18	< 10	< 10	56	< 10	42
530-RM-085	205 226	< 1	< 0.01	74	230	< 2	< 2	6	12	0.21	< 10	< 10	200	< 10	256
530-RM-086	205 226	1	0.06	77	290	< 2	< 2	8	11	0.32	< 10	< 10	151	< 10	60
530-RM-087	205 226	< 1	0.08	54	280	< 2	< 2	5	10	0.24	< 10	< 10	86	< 10	48
530-RM-088	205 226	< 1	0.08	46	330	< 2	< 2	3	11	0.18	< 10	< 10	67	< 10	36
530-RM-089	205 226	< 1	0.22	45	350	< 2	< 2	3	17	0.31	< 10	< 10	80	< 10	38
530-RM-090	205 226	< 1	0.15	52	320	< 2	< 2	4	12	0.21	< 10	< 10	79	< 10	40
530-RM-091	205 226	2	0.10	52	180	< 2	< 2	6	7	0.19	< 10	< 10	72	< 10	32
530-RM-092	205 226	1	0.13	46	350	< 2	< 2	8	7	0.11	< 10	< 10	102	< 10	38
530-RM-093	205 226	< 1	< 0.01	297	190	< 2	< 2	30	25	0.17	< 10	< 10	209	< 10	70
530-RM-094	205 226	< 1	0.02	59	280	< 2	< 2	4	16	0.23	< 10	< 10	82	< 10	48
530-RM-095	205 226	< 1	0.07	110	340	< 2	< 2	25	10	0.09	< 10	< 10	275	< 10	74
530-RM-096	205 226	2	0.02	70	260	< 2	< 2	6	31	0.15	< 10	< 10	139	< 10	56
530-RM-097	205 226	< 1	0.04	50	290	< 2	< 2	4	12	0.18	< 10	< 10	79	< 10	40
530-RM-098	205 226	< 1	0.13	45	280	< 2	< 2	8	6	0.11	< 10	< 10	97	< 10	28
530-RM-099	205 226	< 1	0.12	38	250	< 2	< 2	5	11	0.14	< 10	< 10	68	< 10	24
530-RM-100	205 226	1	0.20	40	300	< 2	< 2	8	17	0.16	< 10	< 10	96	< 10	36
530-RM-101	205 226	< 1	0.10	40	270	< 2	< 2	5	14	0.18	< 10	< 10	76	< 10	38
530-RM-102	205 226	1	0.11	41	240	< 2	< 2	5	17	0.19	< 10	< 10	71	< 10	26
530-RM-103	205 226	1	0.10	29	160	< 2	< 2	3	14	0.15	< 10	< 10	43	< 10	16
530-RM-104	205 226	< 1	0.16	64	370	< 2	< 2	7	22	0.22	< 10	< 10	125	< 10	54
530-RM-105	205 226	< 1	0.12	55	390	< 2	< 2	3	15	0.21	< 10	< 10	82	< 10	40
530-RM-106	205 226	< 1	0.07	62	320	< 2	< 2	6	7	0.18	< 10	< 10	104	< 10	54
530-RM-107	205 226	< 1	0.15	75	380	< 2	< 2	3	14	0.24	< 10	< 10	103	< 10	52
530-RM-108	205 226	< 1	0.02	59	80	< 2	< 2	2	12	0.09	< 10	< 10	23	< 10	24
530-RM-109	205 226	< 1	0.01	64	110	< 2	< 2	1	15	0.11	< 10	< 10	31	< 10	28

CERTIFICATION: \_\_\_\_\_





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 30-JUN-95  
Invoice No. : 19520101  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9520101

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
530-RM-110	255	295	1890	< 0.2	3.77	46	50	< 0.5	< 2	6.11	< 0.5	33	189	236	5.79	< 10	< 1	0.47	< 10	3.79	1125
530-RM-111	255	295	700	0.2	2.15	2730	20	< 0.5	2	4.08	< 0.5	30	194	110	3.59	< 10	< 1	0.17	< 10	1.67	725

CERTIFICATION:

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 30-JUN-95  
Invoice No. : I9520101  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9520101

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-RM-110	255	295	< 1	0.02	61	90	< 2	< 2	27	73	0.08	< 10	< 10	225	< 10	56
530-RM-111	255	295	< 1	0.01	48	100	< 2	< 2	12	24	0.06	< 10	< 10	106	< 10	42

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1  
 Total Pages : 1  
 Certificate Date: 28-JUN-95  
 Invoice No. : 19519966  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9519966

SAMPLE	PREP CODE		Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
C14446	208	226	< 0.002	< 0.002	< 0.002	176	9.85					
C14482	208	226	0.006	0.006	< 0.002	218	10.01					
C14483	208	226	< 0.002	< 0.002	< 0.002	215	5.86					
C14484	208	226	< 0.002	< 0.002	< 0.002	189	4.60					
C14485	208	226	< 0.002	< 0.002	< 0.002	191	4.12					
C16851	208	226	0.003	< 0.002	0.021	189	5.96					
C16852	208	226	0.055	0.057	0.008	222	11.23					
C16853	208	226	0.077	0.080	0.002	206	9.35					

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 28-JUL-95  
 Invoice No. : 19522400  
 P.O. Number :  
 Account : GKQ

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS A9522400

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
530-SWD-001	205	226	< 5	< 0.2	2.69	< 2	110	< 0.5	< 2	0.81	< 0.5	34	134	83	5.64	10	< 1	0.41	< 10	1.06	535
530-SWD-002	205	226	< 5	< 0.2	3.00	< 2	130	< 0.5	< 2	1.35	0.5	26	131	78	7.17	10	< 1	0.37	< 10	1.28	755
530-SWD-003	205	226	< 5	< 0.2	4.99	4	150	< 0.5	< 2	2.91	< 0.5	44	136	105	9.09	20	< 1	0.39	< 10	2.65	1455
530-SWD-004	205	226	< 5	< 0.2	3.61	< 2	10	< 0.5	< 2	3.33	0.5	35	113	95	7.45	10	< 1	0.03	< 10	1.78	1225
530-SWD-005	205	226	< 5	< 0.2	2.87	< 2	10	< 0.5	< 2	1.78	< 0.5	15	134	88	5.30	10	< 1	0.04	< 10	1.31	695
530-SWD-006	205	226	< 5	< 0.2	4.08	< 2	40	< 0.5	< 2	3.60	0.5	30	98	68	10.30	20	< 1	0.13	< 10	2.10	2790
530-SWD-007	205	226	< 5	< 0.2	2.80	< 2	130	< 0.5	< 2	2.08	0.5	29	110	40	5.91	10	< 1	0.27	< 10	1.51	940
530-SWD-008	205	226	< 5	< 0.2	3.36	32	70	< 0.5	< 2	1.36	< 0.5	30	97	58	7.30	10	< 1	0.29	< 10	1.24	1000
530-SWD-009	205	226	< 5	< 0.2	4.24	< 2	110	< 0.5	< 2	2.51	0.5	31	103	67	8.50	20	< 1	0.40	< 10	1.94	1335
530-SWD-010	205	226	< 5	< 0.2	5.34	2	230	< 0.5	< 2	3.14	0.5	33	117	91	9.45	20	< 1	0.85	< 10	2.44	1655
530-SWD-011	205	226	< 5	0.2	4.33	< 2	60	< 0.5	< 2	4.25	0.5	31	100	71	11.45	20	< 1	0.06	< 10	2.47	3410
530-SWD-012	205	226	< 5	0.4	0.44	< 2	10	< 0.5	< 2	6.69	0.5	7	74	16	5.60	< 10	< 1	0.06	< 10	1.59	3210
530-SWD-013	205	226	< 5	< 0.2	2.56	< 2	70	< 0.5	< 2	1.19	< 0.5	35	119	83	4.88	10	< 1	0.34	< 10	1.00	765
530-SWD-014	205	226	< 5	< 0.2	3.53	14	120	< 0.5	< 2	1.87	< 0.5	36	128	88	6.67	10	< 1	0.47	< 10	1.23	1045
530-SWD-015	205	226	< 5	0.2	0.98	2	150	< 0.5	< 2	1.81	< 0.5	7	46	16	1.54	10	< 1	0.56	30	0.53	205
530-SWD-016	205	226	< 5	< 0.2	4.42	36	100	< 0.5	< 2	1.25	< 0.5	45	114	93	8.57	20	< 1	0.47	< 10	1.60	685
530-SWD-017	205	226	< 5	0.2	3.64	26	70	< 0.5	< 2	3.31	< 0.5	35	98	89	7.78	10	< 1	0.36	< 10	1.33	1950
530-SWD-018	205	226	< 5	< 0.2	3.73	< 2	60	< 0.5	< 2	3.17	0.5	23	121	87	7.27	10	< 1	0.48	< 10	1.37	1725
530-SWD-019	205	226	< 5	< 0.2	2.51	6	20	< 0.5	< 2	3.71	< 0.5	18	92	60	6.34	10	< 1	0.10	< 10	1.31	2020
530-SWD-020	205	226	< 5	< 0.2	3.46	12	10	< 0.5	< 2	3.73	< 0.5	34	95	83	7.63	10	< 1	0.04	< 10	1.87	1060
530-SWD-021	205	226	< 5	< 0.2	3.18	40	20	< 0.5	< 2	3.47	< 0.5	35	100	51	7.89	10	< 1	0.11	< 10	1.55	1825
530-SWD-022	205	226	< 5	< 0.2	3.84	< 2	10	< 0.5	< 2	3.27	< 0.5	46	112	133	8.55	10	< 1	0.04	< 10	1.78	1550
530-SWD-023	205	226	< 5	< 0.2	3.84	2	10	< 0.5	< 2	2.34	0.5	34	78	88	6.77	10	< 1	0.08	< 10	2.09	850
530-SWD-024	205	226	< 5	< 0.2	2.16	26	10	< 0.5	< 2	1.55	< 0.5	34	104	74	4.71	10	< 1	0.06	< 10	0.84	645
530-SWD-025	205	226	50	0.2	0.97	6	20	0.5	< 2	0.91	< 0.5	12	81	831	1.96	< 10	< 1	0.07	< 10	0.55	280
530-SWD-026	205	226	1820	10.6	0.61	2	< 10	< 0.5	Intf*	0.43	0.5	29	80	>10000	4.70	< 10	< 1	0.01	< 10	0.51	150
530-SWD-027	205	226	< 5	< 0.2	1.54	< 2	< 10	0.5	< 2	0.75	< 0.5	12	58	186	2.38	< 10	< 1	0.01	< 10	0.99	305
530-SWD-028	205	226	< 5	< 0.2	1.46	< 2	< 10	< 0.5	< 2	1.15	< 0.5	12	72	150	1.82	< 10	< 1	0.01	< 10	0.84	270
530-SWD-029	205	226	< 5	< 0.2	1.75	< 2	< 10	< 0.5	< 2	1.16	< 0.5	16	79	157	2.68	< 10	< 1	0.02	< 10	1.15	360
530-SWD-030	205	226	< 5	< 0.2	4.43	< 2	200	< 0.5	< 2	1.89	< 0.5	31	168	153	3.67	10	< 1	0.92	< 10	1.12	255
530-SWD-031	205	226	< 5	< 0.2	2.72	< 2	120	< 0.5	< 2	1.89	< 0.5	16	85	42	3.00	< 10	< 1	0.17	< 10	1.39	280
530-SWD-032	205	226	< 5	< 0.2	6.71	18	130	< 0.5	< 2	3.35	< 0.5	33	176	159	5.32	10	< 1	0.36	< 10	1.79	530
530-SWD-033	205	226	< 5	< 0.2	1.88	< 2	30	< 0.5	< 2	1.17	< 0.5	10	60	98	1.82	< 10	< 1	0.10	< 10	0.88	225
530-SWD-034	205	226	< 5	< 0.2	2.45	2	40	0.5	< 2	1.53	< 0.5	17	75	167	3.35	< 10	< 1	0.32	< 10	1.54	310
530-SWD-035	205	226	20	< 0.2	4.01	< 2	< 10	< 0.5	< 2	2.14	< 0.5	41	239	104	7.05	10	1	0.04	< 10	2.36	940

CERTIFICATION:

*Stuart Deveau*

\*\*Bi for 530-swd-026 is not available due to interferences from high Cu.



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
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Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 28-JUL-95  
 Invoice No. : 19522400  
 P.O. Number :  
 Account : GKQ

\*\*PLEASE NOTE

## CERTIFICATE OF ANALYSIS

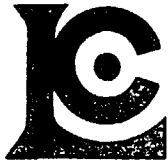
## A9522400

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-SWD-001	205 226	< 1	0.10	75	680	< 2	2	21	4	0.10	< 10	< 10	311	10	74
530-SWD-002	205 226	< 1	0.06	61	650	< 2	4	28	7	0.10	< 10	< 10	333	10	66
530-SWD-003	205 226	< 1	0.01	76	610	< 2	4	22	32	0.09	< 10	< 10	284	20	144
530-SWD-004	205 226	< 1	0.02	67	650	< 2	6	14	12	0.04	< 10	< 10	200	20	98
530-SWD-005	205 226	< 1	0.03	33	490	< 2	2	12	6	0.07	< 10	< 10	186	10	92
530-SWD-006	205 226	< 1	0.01	49	500	< 2	6	29	17	0.05	< 10	< 10	276	30	110
530-SWD-007	205 226	< 1	0.03	54	430	< 2	2	24	13	0.09	< 10	< 10	268	10	66
530-SWD-008	205 226	< 1	0.04	56	440	< 2	4	20	7	0.08	< 10	< 10	257	10	86
530-SWD-009	205 226	< 1	0.03	62	500	< 2	< 2	28	11	0.08	< 10	< 10	319	20	112
530-SWD-010	205 226	< 1	0.06	55	670	< 2	6	28	36	0.12	< 10	< 10	328	20	120
530-SWD-011	205 226	< 1	0.01	54	610	< 2	6	33	23	0.04	< 10	< 10	277	30	100
530-SWD-012	205 226	< 1	< 0.01	12	310	< 2	4	5	37	0.01	< 10	< 10	33	20	38
530-SWD-013	205 226	< 1	0.07	59	360	< 2	2	22	8	0.09	< 10	< 10	251	10	78
530-SWD-014	205 226	< 1	0.13	58	560	< 2	6	29	24	0.09	< 10	< 10	310	10	70
530-SWD-015	205 226	< 1	0.05	7	700	< 2	2	1	68	0.07	< 10	< 10	22	< 10	44
530-SWD-016	205 226	< 1	0.03	72	840	< 2	4	33	13	0.08	< 10	< 10	362	10	90
530-SWD-017	205 226	< 1	0.12	55	370	< 2	2	30	32	0.10	< 10	< 10	305	20	100
530-SWD-018	205 226	< 1	0.05	32	780	< 2	2	36	8	0.12	< 10	< 10	355	20	96
530-SWD-019	205 226	< 1	0.02	34	520	< 2	2	12	15	0.07	< 10	< 10	171	10	60
530-SWD-020	205 226	< 1	0.02	64	670	< 2	6	16	17	0.06	< 10	< 10	219	20	102
530-SWD-021	205 226	< 1	0.02	53	420	< 2	2	22	19	0.05	< 10	< 10	241	20	96
530-SWD-022	205 226	< 1	0.02	74	430	< 2	8	24	16	0.03	< 10	< 10	241	20	100
530-SWD-023	205 226	< 1	0.02	51	700	< 2	6	12	7	0.03	< 10	< 10	211	10	98
530-SWD-024	205 226	< 1	0.01	59	380	< 2	4	8	6	0.01	< 10	< 10	101	10	78
530-SWD-025	205 226	< 1	0.09	26	290	< 2	2	9	7	0.04	< 10	< 10	66	< 10	30
530-SWD-026	205 226	< 1	0.03	25	10	< 2	2	2	2	0.01	< 10	< 10	21	< 10	120
530-SWD-027	205 226	< 1	0.11	34	190	< 2	2	4	8	0.10	< 10	< 10	62	< 10	32
530-SWD-028	205 226	< 1	0.13	29	260	< 2	< 2	4	15	0.12	< 10	< 10	50	< 10	18
530-SWD-029	205 226	< 1	0.15	41	310	< 2	2	7	10	0.10	< 10	< 10	78	< 10	34
530-SWD-030	205 226	< 1	0.35	83	240	< 2	2	15	39	0.11	< 10	< 10	162	10	40
530-SWD-031	205 226	< 1	0.23	28	330	< 2	4	10	38	0.09	< 10	< 10	99	10	24
530-SWD-032	205 226	< 1	0.46	61	410	< 2	6	23	56	0.08	< 10	< 10	190	10	56
530-SWD-033	205 226	< 1	0.17	22	280	< 2	< 2	4	26	0.06	< 10	< 10	58	< 10	22
530-SWD-034	205 226	< 1	0.20	23	340	< 2	2	8	32	0.08	< 10	< 10	108	< 10	34
530-SWD-035	205 226	< 1	0.03	106	320	< 2	2	23	7	0.06	< 10	< 10	228	10	80

CERTIFICATION:

*Stuart Deveau*

\*\*Bi for 530-swd-026 is not available due to interferences from high Cu.



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Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number : 1  
Total Pages : 1  
Certificate Date: 14-AUG-95  
Invoice No. : 19524999  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9524999

SAMPLE	PREP CODE	Cu %										
530-SWD-026	244 --	1.80										

CERTIFICATION: Stuart Deveau



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To: PLACER DOME CANADA LIMITED

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Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

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 P.O. Number :  
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## CERTIFICATE OF ANALYSIS A9518903

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C14368	205 226	< 5	< 0.2	0.31	2	< 10	< 0.5	< 2	2.23	0.5	6	87	116	>15.00	20	< 1	< 0.01	< 10	1.41	4170
C14369	205 226	< 5	< 0.2	6.31	4	40	< 0.5	2	3.31	< 0.5	42	213	163	10.80	30	< 1	0.01	< 10	3.30	2750
C14370	205 226	5	< 0.2	4.75	16	10	< 0.5	4	5.38	< 0.5	50	309	216	6.64	20	< 1	0.03	< 10	2.41	1485
C14371	205 226	< 5	< 0.2	4.12	2	< 10	< 0.5	< 2	2.56	< 0.5	38	200	142	4.87	20	< 1	< 0.01	< 10	3.36	1145
C14372	205 226	< 5	< 0.2	2.74	24	20	< 0.5	< 2	7.15	< 0.5	38	254	143	5.59	10	< 1	0.04	< 10	2.90	1960
C14373	205 226	< 5	< 0.2	3.21	12	20	< 0.5	2	4.94	< 0.5	37	251	127	4.06	10	< 1	0.02	< 10	2.38	1320
C14374	205 226	< 5	< 0.2	4.90	< 2	< 10	< 0.5	< 2	4.57	< 0.5	41	236	168	5.34	20	< 1	0.01	< 10	3.65	1510
C14375	205 226	< 5	< 0.2	3.30	8	10	< 0.5	< 2	0.28	< 0.5	56	2790	106	4.78	10	< 1	< 0.01	< 10	6.39	445
C14376	205 226	< 5	< 0.2	1.16	< 2	20	< 0.5	< 2	3.79	< 0.5	17	503	55	1.78	10	< 1	0.02	< 10	1.10	900
C14377	205 226	< 5	< 0.2	1.83	< 2	10	< 0.5	2	3.84	< 0.5	21	955	35	2.73	10	< 1	0.12	< 10	1.58	1065
C14378	205 226	< 5	< 0.2	2.13	< 2	20	< 0.5	< 2	4.66	< 0.5	25	684	61	2.87	10	< 1	0.02	< 10	2.12	1375
C14379	205 226	< 5	< 0.2	1.70	< 2	60	< 0.5	2	1.43	< 0.5	28	987	40	2.45	< 10	< 1	0.18	< 10	1.61	1215
C14380	205 226	5	< 0.2	4.75	< 2	< 10	< 0.5	< 2	3.81	< 0.5	32	346	101	5.34	10	< 1	< 0.01	< 10	3.47	1795
C14381	205 226	5	< 0.2	3.75	14	< 10	< 0.5	< 2	4.18	< 0.5	36	276	272	4.41	10	< 1	0.10	< 10	2.50	1105
C14382	205 226	< 5	< 0.2	3.40	26	< 10	< 0.5	< 2	4.44	< 0.5	37	238	206	4.12	10	< 1	0.11	< 10	2.36	1195
C14383	205 226	< 5	< 0.2	1.90	< 2	10	< 0.5	< 2	4.10	< 0.5	30	864	53	2.82	10	< 1	0.05	< 10	2.22	1140
C14384	205 226	< 5	< 0.2	2.89	< 2	< 10	< 0.5	< 2	0.15	< 0.5	28	3020	109	4.86	< 10	< 1	< 0.01	< 10	5.44	265
C14385	205 226	< 5	< 0.2	2.83	20	< 10	< 0.5	< 2	0.21	< 0.5	36	2840	33	4.28	< 10	< 1	< 0.01	< 10	5.58	330
C14386	205 226	< 5	< 0.2	0.86	2	< 10	< 0.5	< 2	3.91	< 0.5	5	233	20	0.53	< 10	< 1	0.02	< 10	0.25	265
C14387	205 226	< 5	< 0.2	0.98	8	< 10	< 0.5	< 2	1.67	< 0.5	50	2170	81	3.78	< 10	< 1	< 0.01	< 10	12.95	660
C14388	205 226	< 5	< 0.2	1.93	2	10	< 0.5	< 2	0.54	< 0.5	29	1270	92	2.65	< 10	< 1	0.01	< 10	2.65	465
C14389	205 226	< 5	< 0.2	1.86	4	10	< 0.5	< 2	6.90	< 0.5	31	1065	36	2.82	10	< 1	0.04	< 10	1.71	1820
C14390	205 226	< 5	< 0.2	3.00	< 2	10	< 0.5	< 2	8.30	< 0.5	33	240	119	4.80	10	< 1	0.04	< 10	2.71	1685
C14391	205 226	< 5	< 0.2	3.57	< 2	20	< 0.5	4	1.83	< 0.5	30	261	125	5.45	10	< 1	0.12	< 10	1.65	965
C14392	205 226	< 5	< 0.2	2.41	34	20	< 0.5	< 2	6.18	< 0.5	39	141	192	4.66	10	< 1	0.08	< 10	2.07	2150
C14393	205 226	< 5	< 0.2	3.83	8	30	< 0.5	2	5.65	< 0.5	48	385	148	5.19	10	< 1	0.05	< 10	2.41	1290
C14394	205 226	< 5	< 0.2	4.98	2	10	< 0.5	< 2	2.04	< 0.5	35	404	136	4.66	10	< 1	0.01	< 10	4.04	895
C14395	205 226	< 5	< 0.2	0.50	46	< 10	< 0.5	< 2	3.29	< 0.5	15	95	51	1.90	< 10	< 1	0.06	< 10	1.16	1470
C14396	205 226	< 5	< 0.2	1.59	60	< 10	< 0.5	< 2	>15.00	< 0.5	17	88	67	3.49	< 10	< 1	0.03	< 10	3.39	4840
C14397	205 226	< 5	< 0.2	1.23	16	< 10	< 0.5	< 2	13.20	< 0.5	15	79	72	3.94	10	< 1	0.01	< 10	4.00	4630
C14398	205 226	< 5	< 0.2	0.31	10	< 10	< 0.5	4	>15.00	< 0.5	9	41	17	1.09	< 10	< 1	< 0.01	< 10	0.86	5230
C14399	205 226	< 5	< 0.2	2.96	36	< 10	< 0.5	2	2.14	< 0.5	32	225	62	3.77	10	< 1	0.04	< 10	1.69	1015
C14400	205 226	< 5	< 0.2	2.05	4	< 10	< 0.5	4	>15.00	< 0.5	14	166	64	2.98	< 10	< 1	0.02	< 10	1.12	3210
C14401	205 226	< 5	0.2	0.65	30	< 10	< 0.5	< 2	4.55	< 0.5	7	609	1	1.62	< 10	< 1	0.02	< 10	1.33	1170
C14402	205 226	< 5	< 0.2	2.47	136	10	< 0.5	< 2	>15.00	< 0.5	43	1760	1	4.19	< 10	< 1	0.05	< 10	3.46	3200
C14403	205 226	< 5	< 0.2	3.47	< 2	40	< 0.5	< 2	1.85	< 0.5	67	2210	44	5.48	10	< 1	0.26	< 10	3.07	1740
C14404	205 226	< 5	< 0.2	3.54	< 2	< 10	< 0.5	< 2	1.64	< 0.5	71	2520	90	4.36	10	< 1	0.03	< 10	3.49	1355
C14405	205 226	< 5	< 0.2	4.64	< 2	20	< 0.5	4	2.87	< 0.5	36	261	107	6.86	20	< 1	0.07	< 10	2.49	2080
C14406	205 226	< 5	< 0.2	1.64	< 2	< 10	< 0.5	< 2	2.53	< 0.5	26	899	83	2.34	10	< 1	0.01	< 10	1.70	705
C14407	205 226	< 5	< 0.2	4.58	< 2	20	< 0.5	< 2	4.72	< 0.5	37	269	125	7.16	20	< 1	< 0.01	< 10	2.35	3460

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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BALMERTOWN, ON  
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Project: 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
Total Pages : 2  
Certificate Date: 13-JUN-95  
Invoice No. : I9518903  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9518903

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C14368	205	226	3	< 0.01	17	490	< 2	6	2	11	< 0.01	< 10	< 10	12	40	138
C14369	205	226	< 1	< 0.01	131	220	< 2	< 2	27	20	< 0.01	< 10	< 10	172	20	118
C14370	205	226	< 1	0.04	170	150	< 2	4	15	8	< 0.01	< 10	< 10	122	20	78
C14371	205	226	< 1	0.04	134	150	< 2	10	6	21	0.18	< 10	< 10	97	10	74
C14372	205	226	< 1	0.08	138	170	< 2	6	14	16	< 0.01	< 10	< 10	101	20	56
C14373	205	226	< 1	0.13	138	210	< 2	2	7	20	0.08	< 10	< 10	96	10	48
C14374	205	226	1	0.16	146	130	< 2	2	10	29	0.14	< 10	< 10	139	20	92
C14375	205	226	< 1	< 0.01	525	20	< 2	2	6	2	0.02	< 10	< 10	112	20	42
C14376	205	226	< 1	0.04	87	90	< 2	< 2	4	11	0.09	< 10	< 10	38	< 10	22
C14377	205	226	< 1	0.03	95	80	< 2	2	5	13	0.10	< 10	< 10	46	20	28
C14378	205	226	< 1	0.03	117	100	< 2	2	5	15	0.11	< 10	< 10	63	10	34
C14379	205	226	< 1	0.03	161	120	< 2	< 2	4	6	0.10	< 10	< 10	44	10	46
C14380	205	226	4	0.12	93	180	< 2	6	6	15	0.13	< 10	< 10	142	10	78
C14381	205	226	1	0.04	120	240	< 2	4	9	19	< 0.01	< 10	< 10	106	10	66
C14382	205	226	< 1	0.02	102	230	< 2	4	8	24	< 0.01	< 10	< 10	90	10	70
C14383	205	226	< 1	0.06	137	100	< 2	2	8	19	0.15	< 10	< 10	94	10	38
C14384	205	226	< 1	< 0.01	215	20	< 2	< 2	3	1	0.01	< 10	< 10	97	30	46
C14385	205	226	< 1	< 0.01	415	150	< 2	< 2	3	1	0.01	< 10	< 10	97	20	46
C14386	205	226	< 1	0.01	26	30	< 2	< 2	1	9	0.01	< 10	< 10	11	< 10	4
C14387	205	226	< 1	< 0.01	1080	< 10	< 2	< 2	10	9	0.01	< 10	< 10	35	50	10
C14388	205	226	2	0.01	291	60	< 2	4	3	2	0.09	< 10	< 10	32	10	24
C14389	205	226	< 1	0.02	162	100	2	2	6	19	0.09	< 10	< 10	60	20	32
C14390	205	226	< 1	0.08	130	170	< 2	4	17	24	< 0.01	< 10	< 10	102	30	62
C14391	205	226	< 1	0.09	144	300	< 2	< 2	11	18	< 0.01	< 10	< 10	110	20	68
C14392	205	226	< 1	0.09	109	320	< 2	4	12	23	< 0.01	< 10	< 10	88	20	58
C14393	205	226	< 1	0.06	154	400	< 2	6	15	25	< 0.01	< 10	< 10	124	30	62
C14394	205	226	< 1	0.07	111	120	< 2	6	10	19	0.07	< 10	< 10	131	20	66
C14395	205	226	2	0.01	44	170	< 2	6	3	4	< 0.01	< 10	< 10	18	< 10	32
C14396	205	226	< 1	0.01	44	140	< 2	6	7	32	< 0.01	< 10	< 10	46	20	44
C14397	205	226	< 1	0.02	51	120	2	4	11	15	< 0.01	< 10	< 10	50	20	66
C14398	205	226	< 1	0.01	19	110	< 2	6	15	31	< 0.01	< 10	< 10	7	10	14
C14399	205	226	< 1	0.08	103	300	< 2	4	11	8	< 0.01	< 10	< 10	101	10	84
C14400	205	226	< 1	0.03	54	200	< 2	4	10	19	< 0.01	< 10	< 10	58	20	80
C14401	205	226	< 1	0.01	86	70	< 2	2	6	23	< 0.01	< 10	< 10	28	10	12
C14402	205	226	< 1	< 0.01	372	140	2	4	19	87	0.01	< 10	< 10	103	80	38
C14403	205	226	< 1	0.02	487	90	< 2	2	14	18	0.15	< 10	< 10	133	40	32
C14404	205	226	< 1	0.02	372	70	< 2	2	8	11	0.16	< 10	< 10	87	30	42
C14405	205	226	< 1	0.03	125	290	< 2	6	16	13	< 0.01	< 10	< 10	154	30	80
C14406	205	226	< 1	0.03	162	200	< 2	2	4	12	0.11	< 10	< 10	53	10	28
C14407	205	226	< 1	0.02	106	260	< 2	8	28	17	< 0.01	< 10	< 10	216	40	78

CERTIFICATION:

*Hart Bickler*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number :2-A  
Total Pages :2  
Certificate Date: 13-JUN-95  
Invoice No. : 19518903  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9518903

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C14408	205 226	< 5	< 0.2	2.42	< 2	< 10	< 0.5	< 2	>15.00	< 0.5	19	123	30	3.50	< 10	< 1	< 0.01	< 10	2.43	3830
C14409	205 226	< 5	< 0.2	2.83	< 2	30	< 0.5	< 2	3.34	< 0.5	61	1340	83	3.99	10	< 1	0.24	< 10	2.62	950
C14410	205 226	< 5	< 0.2	1.66	270	70	< 0.5	< 2	2.94	< 0.5	20	35	107	5.31	10	< 1	0.24	< 10	1.48	870
C14411	205 226	< 5	< 0.2	4.86	< 2	< 10	< 0.5	< 2	5.59	< 0.5	68	2320	92	6.52	20	< 1	< 0.01	< 10	4.48	1385
C14412	205 226	< 5	< 0.2	4.54	< 2	50	< 0.5	< 2	5.98	< 0.5	65	2060	99	6.63	20	< 1	0.48	< 10	4.26	1610
C14413	205 226	< 5	< 0.2	1.22	4	< 10	< 0.5	< 2	1.24	< 0.5	28	1070	10	1.83	< 10	< 1	0.06	< 10	1.39	425
C14414	205 226	< 5	< 0.2	3.85	34	20	< 0.5	< 2	3.05	< 0.5	82	2900	21	5.64	20	< 1	0.25	< 10	4.80	1365
C14415	205 226	< 5	< 0.2	3.12	< 2	10	< 0.5	< 2	4.71	< 0.5	60	1650	64	4.38	10	< 1	0.16	< 10	2.63	1235
C14416	205 226	< 5	< 0.2	1.79	< 2	30	< 0.5	< 2	5.97	< 0.5	69	1130	83	3.26	10	< 1	0.13	< 10	1.67	1405
C14417	205 226	< 5	< 0.2	4.55	< 2	20	< 0.5	< 2	4.72	< 0.5	37	308	113	6.54	20	< 1	0.03	< 10	2.72	915
C14418	205 226	< 5	< 0.2	3.52	< 2	10	< 0.5	< 2	11.35	< 0.5	45	1390	33	4.53	10	< 1	0.10	< 10	3.42	2400
C14419	205 226	< 5	< 0.2	6.54	8	20	< 0.5	< 2	3.38	< 0.5	46	697	78	5.84	20	< 1	0.01	< 10	4.01	1330
C14420	205 226	< 5	< 0.2	4.28	< 2	10	< 0.5	< 2	4.08	< 0.5	46	362	146	4.68	10	< 1	0.03	< 10	3.50	1110
C14421	205 226	< 5	< 0.2	5.57	< 2	< 10	< 0.5	< 2	5.97	< 0.5	42	502	126	6.29	20	< 1	0.01	< 10	3.95	1825
C14422	205 226	< 5	< 0.2	3.03	68	40	< 0.5	< 2	0.63	< 0.5	57	183	125	5.33	10	< 1	0.34	< 10	1.13	660
C14423	205 226	< 5	< 0.2	4.46	< 2	30	< 0.5	< 2	1.87	< 0.5	37	176	62	8.52	20	< 1	0.10	< 10	2.08	1515
C14424	205 226	< 5	< 0.2	1.65	< 2	100	< 0.5	< 2	5.73	< 0.5	7	69	26	5.38	10	< 1	0.31	< 10	2.14	2610
C14425	205 226	< 5	< 0.2	0.97	< 2	10	< 0.5	< 2	0.81	< 0.5	2	83	2	1.08	< 10	< 1	0.17	< 10	0.38	310
C14426	205 226	< 5	< 0.2	1.46	< 2	20	< 0.5	< 2	2.15	< 0.5	16	251	81	2.27	10	< 1	0.01	< 10	1.72	425
C14427	205 226	< 5	< 0.2	3.69	< 2	20	< 0.5	2	3.40	< 0.5	32	133	86	8.81	20	< 1	0.09	< 10	1.42	1510
C14428	205 226	< 5	< 0.2	3.59	4	30	< 0.5	2	1.94	< 0.5	51	146	114	7.58	20	< 1	0.29	< 10	1.25	930
C14429	205 226	< 5	< 0.2	4.05	< 2	10	< 0.5	< 2	3.07	< 0.5	39	117	76	9.02	20	< 1	0.04	< 10	1.46	1860
C14430	205 226	< 5	< 0.2	2.96	< 2	20	< 0.5	2	1.73	< 0.5	35	116	85	6.38	20	< 1	0.10	10	0.98	1070
C14431	205 226	< 5	< 0.2	3.83	< 2	< 10	< 0.5	< 2	3.69	< 0.5	36	114	78	8.43	20	< 1	0.04	< 10	1.44	1920
C14432	205 226	< 5	< 0.2	4.07	< 2	20	< 0.5	< 2	4.08	< 0.5	32	112	68	7.44	20	< 1	0.01	< 10	2.93	1035
C14433	205 226	< 5	< 0.2	2.63	< 2	30	< 0.5	< 2	1.11	< 0.5	24	147	77	5.16	10	< 1	0.18	10	0.94	615
C14434	205 226	< 5	< 0.2	3.83	< 2	190	< 0.5	2	2.39	< 0.5	43	132	70	9.09	20	< 1	0.81	< 10	1.28	1295
C14435	205 226	< 5	< 0.2	3.39	< 2	70	< 0.5	< 2	0.57	< 0.5	38	149	28	7.83	20	< 1	0.50	10	1.29	745
C14436	205 226	< 5	< 0.2	3.11	< 2	100	< 0.5	< 2	1.21	< 0.5	35	120	150	7.01	20	< 1	0.56	10	0.94	985
C14437	205 226	< 5	< 0.2	1.79	< 2	70	< 0.5	< 2	0.47	< 0.5	35	154	48	6.99	10	< 1	0.55	10	0.67	445
C14438	205 226	< 5	< 0.2	3.09	< 2	30	< 0.5	< 2	1.02	< 0.5	40	90	335	11.75	20	< 1	0.15	10	0.88	1610
C14439	205 226	< 5	< 0.2	4.01	76	40	< 0.5	2	0.94	< 0.5	22	122	184	13.20	20	< 1	0.33	10	0.98	2230
C14440	205 226	< 5	0.2	1.66	< 2	10	< 0.5	< 2	0.16	0.5	74	104	272	>15.00	10	< 1	0.45	< 10	0.49	460
C14441	205 226	< 5	< 0.2	2.11	< 2	440	< 0.5	< 2	2.16	< 0.5	16	76	46	3.66	20	< 1	1.12	20	1.31	420

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530-HUMLIN  
Comments: ATTN: STUART DEVEAU

Page Number :2-B  
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## CERTIFICATE OF ANALYSIS

### A9518903

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
C14408	205 226	< 1	< 0.01	58	150	< 2	4	15	454	< 0.01	< 10	< 10	75	20	62
C14409	205 226	1	0.01	401	60	< 2	2	8	19	0.12	< 10	< 10	84	30	40
C14410	205 226	< 1	0.04	20	1920	< 2	2	4	106	< 0.01	< 10	< 10	35	10	64
C14411	205 226	< 1	< 0.01	432	30	< 2	< 2	42	54	0.01	< 10	< 10	194	70	62
C14412	205 226	< 1	< 0.01	460	60	< 2	4	41	48	0.15	< 10	< 10	194	70	62
C14413	205 226	1	0.01	194	30	< 2	2	13	13	0.01	< 10	< 10	61	10	16
C14414	205 226	< 1	0.01	564	40	< 2	2	45	19	0.04	< 10	< 10	210	60	48
C14415	205 226	< 1	0.02	444	70	< 2	2	14	23	0.15	< 10	< 10	98	40	42
C14416	205 226	< 1	0.04	397	170	< 2	4	25	55	0.05	< 10	< 10	168	20	18
C14417	205 226	< 1	0.02	110	210	< 2	6	22	19	< 0.01	< 10	< 10	162	30	100
C14418	205 226	< 1	< 0.01	254	100	< 2	2	24	166	0.10	< 10	< 10	137	60	42
C14419	205 226	< 1	0.23	206	160	< 2	8	26	25	0.13	< 10	< 10	174	30	80
C14420	205 226	< 1	0.09	157	190	< 2	4	23	16	0.02	< 10	< 10	173	20	92
C14421	205 226	< 1	0.10	175	260	< 2	4	26	25	0.02	< 10	< 10	150	40	82
C14422	205 226	< 1	0.08	122	440	< 2	2	15	5	0.07	< 10	< 10	151	10	60
C14423	205 226	< 1	0.02	107	540	< 2	6	12	7	0.06	< 10	< 10	168	20	86
C14424	205 226	< 1	0.08	29	230	2	4	2	20	0.03	< 10	< 10	20	20	98
C14425	205 226	< 1	0.04	8	190	2	< 2	< 1	4	< 0.01	< 10	< 10	7	< 10	16
C14426	205 226	< 1	0.04	69	260	< 2	< 2	2	20	0.11	< 10	< 10	50	< 10	26
C14427	205 226	< 1	0.04	52	630	< 2	2	21	17	0.07	< 10	< 10	260	30	94
C14428	205 226	1	0.08	88	410	< 2	4	16	8	0.11	< 10	< 10	269	20	192
C14429	205 226	< 1	0.03	89	540	< 2	4	26	10	0.08	< 10	< 10	266	30	122
C14430	205 226	< 1	0.06	83	650	< 2	4	12	8	0.09	< 10	< 10	179	10	84
C14431	205 226	< 1	0.03	71	580	< 2	2	20	10	0.08	< 10	< 10	246	20	102
C14432	205 226	< 1	0.02	62	540	< 2	< 2	26	48	0.02	< 10	< 10	256	20	96
C14433	205 226	< 1	0.10	48	470	2	< 2	12	12	0.09	< 10	< 10	185	10	78
C14434	205 226	< 1	0.08	73	620	< 2	2	24	8	0.16	< 10	< 10	290	30	100
C14435	205 226	2	0.07	81	540	< 2	4	26	3	0.13	< 10	< 10	327	10	64
C14436	205 226	1	0.17	73	620	< 2	2	18	5	0.13	< 10	< 10	253	20	138
C14437	205 226	2	0.16	54	600	< 2	4	17	5	0.14	< 10	< 10	264	10	32
C14438	205 226	1	0.11	71	300	< 2	4	20	3	0.08	< 10	< 10	205	20	84
C14439	205 226	5	0.14	43	350	< 2	2	21	11	0.09	< 10	< 10	229	20	128
C14440	205 226	3	0.05	216	230	8	4	12	4	0.10	< 10	< 10	177	< 10	246
C14441	205 226	1	0.09	31	1200	< 2	4	4	86	0.19	< 10	< 10	74	10	88

CERTIFICATION:

*Hart Bichler*



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## CERTIFICATE OF ANALYSIS A9518823

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
C14351	205	226	< 5	< 0.2	3.76	2	20	< 0.5	< 2	0.45	< 0.5	28	55	85	6.54	10	< 1	0.01	< 10	3.09	565
C14352	205	226	15	< 0.2	1.27	2	30	< 0.5	< 2	0.74	< 0.5	15	49	127	2.26	< 10	< 1	0.21	< 10	1.23	305
C14353	205	226	< 5	< 0.2	0.62	2	< 10	< 0.5	< 2	0.66	< 0.5	51	807	21	5.30	< 10	< 1	< 0.01	< 10	9.99	555
C14354	205	226	25	0.8	5.06	156	10	< 0.5	< 2	3.10	1.5	61	173	549	9.30	20	< 1	0.28	10	0.45	305
C14355	205	226	< 5	< 0.2	2.61	26	10	< 0.5	< 2	5.87	< 0.5	44	412	163	4.59	10	< 1	0.03	< 10	3.03	1570
C14356	205	226	< 5	< 0.2	1.67	26	10	< 0.5	< 2	11.75	< 0.5	30	159	107	4.04	< 10	< 1	0.02	< 10	2.77	2950
C14357	205	226	< 5	< 0.2	3.56	48	10	< 0.5	< 2	6.04	< 0.5	36	259	73	6.41	10	< 1	0.03	< 10	2.64	3400
C14358	205	226	< 5	< 0.2	0.25	2	< 10	< 0.5	< 2	0.51	< 0.5	6	291	14	3.08	< 10	< 1	< 0.01	< 10	0.16	380
C14359	205	226	< 5	< 0.2	4.27	2	< 10	< 0.5	< 2	1.79	< 0.5	45	378	163	6.87	10	< 1	< 0.01	< 10	3.08	1700
C14360	205	226	< 5	< 0.2	4.87	2	10	< 0.5	< 2	2.26	< 0.5	41	623	35	7.87	10	< 1	< 0.01	< 10	4.05	1445
C14361	205	226	< 5	0.2	2.42	2	10	< 0.5	< 2	4.70	< 0.5	62	1430	85	3.49	< 10	< 1	0.02	< 10	2.08	1545
C14362	205	226	< 5	< 0.2	4.22	2	10	< 0.5	< 2	4.94	< 0.5	29	309	12	5.28	10	< 1	0.03	< 10	3.25	1195
C14363	205	226	425	0.4	0.18	2	< 10	< 0.5	< 2	0.38	< 0.5	17	177	347	4.30	< 10	< 1	< 0.01	< 10	0.14	415
C14364	205	226	< 5	0.4	0.32	2	< 10	< 0.5	< 2	0.38	< 0.5	17	158	260	4.75	< 10	< 1	< 0.01	< 10	0.24	725
C14365	205	226	< 5	0.2	3.55	2	10	< 0.5	< 2	10.40	< 0.5	25	236	67	5.59	10	< 1	0.03	< 10	2.35	2580
C14366	205	226	< 5	0.2	4.27	2	10	< 0.5	< 2	2.55	< 0.5	29	301	138	4.85	< 10	< 1	< 0.01	< 10	3.28	1195
C14367	205	226	10	0.8	0.49	22	< 10	< 0.5	< 2	1.25	< 0.5	19	103	276	13.95	10	< 1	< 0.01	< 10	1.10	4970
C14451	205	226	20	0.8	0.69	60	20	< 0.5	< 2	12.45	< 0.5	19	30	687	6.49	10	< 1	0.21	< 10	4.66	5700
C14452	205	226	< 5	< 0.2	2.38	172	30	< 0.5	< 2	8.17	< 0.5	31	49	152	14.60	20	< 1	0.25	< 10	2.81	5530
C14453	205	226	< 5	< 0.2	2.90	2	10	< 0.5	< 2	1.15	< 0.5	29	26	297	6.63	< 10	< 1	0.04	10	1.91	800
C14454	205	226	< 5	< 0.2	5.04	66	110	< 0.5	< 2	1.43	< 0.5	37	89	13	13.30	10	< 1	1.39	10	2.13	1470
C14455	205	226	< 5	< 0.2	3.78	2	20	< 0.5	< 2	2.76	< 0.5	30	40	120	5.98	10	< 1	0.07	< 10	2.51	990
C14456	205	226	< 5	< 0.2	4.69	30	70	< 0.5	< 2	2.84	< 0.5	38	166	206	5.87	20	< 1	0.32	< 10	1.98	750
C14457	205	226	< 5	< 0.2	1.08	2	90	< 0.5	< 2	1.63	< 0.5	8	93	22	2.06	10	< 1	0.18	20	0.81	250
C14458	205	226	< 5	< 0.2	2.46	2	100	< 0.5	< 2	1.37	< 0.5	24	253	86	4.56	10	< 1	0.19	< 10	3.14	740
C14459	205	226	< 5	< 0.2	2.42	152	40	< 0.5	< 2	2.57	< 0.5	28	231	112	4.63	10	< 1	0.41	< 10	1.44	750
C14460	205	226	< 5	0.4	4.62	2	10	< 0.5	< 2	4.72	< 0.5	47	86	125	9.13	20	< 1	0.06	< 10	2.43	1645
C14461	205	226	320	0.2	4.01	4	10	< 0.5	< 2	3.63	< 0.5	40	113	97	9.45	20	< 1	0.14	< 10	1.51	2090
C14462	205	226	< 5	< 0.2	2.87	12	50	< 0.5	< 2	2.90	< 0.5	41	99	1600	7.01	10	< 1	0.28	< 10	1.53	1020
C14463	205	226	< 5	0.2	1.09	2	< 10	< 0.5	< 2	0.12	< 0.5	50	1075	13	7.58	< 10	< 1	< 0.01	< 10	6.72	460
C14464	205	226	< 5	< 0.2	2.93	2	< 10	< 0.5	< 2	0.48	< 0.5	34	698	22	4.15	< 10	< 1	< 0.01	< 10	4.95	525
C14465	205	226	< 5	< 0.2	4.49	2	10	< 0.5	< 2	0.71	< 0.5	34	121	118	9.76	10	< 1	0.06	< 10	2.82	2720
C14466	205	226	< 5	0.4	3.82	2	10	< 0.5	< 2	1.98	< 0.5	34	185	114	8.31	10	< 1	0.08	< 10	2.16	2750
C14467	205	226	< 5	0.6	5.21	2	80	< 0.5	< 2	0.66	< 0.5	29	142	91	11.65	10	< 1	0.46	< 10	3.35	2860
C14468	205	226	< 5	0.2	3.15	2	20	< 0.5	< 2	7.02	< 0.5	27	120	152	5.71	< 10	< 1	0.22	< 10	1.23	2000
C14469	205	226	< 5	< 0.2	3.15	2	10	< 0.5	< 2	3.12	< 0.5	38	167	114	5.40	10	< 1	0.04	< 10	1.92	1270
C14470	205	226	< 5	< 0.2	0.56	2	< 10	< 0.5	< 2	7.38	< 0.5	30	336	299	2.95	< 10	< 1	< 0.01	< 10	11.05	1775
C14471	205	226	165	0.2	0.52	4	10	< 0.5	< 2	7.78	< 0.5	42	28	1930	4.76	< 10	< 1	< 0.01	< 10	9.26	640
C14472	205	226	< 5	0.2	4.63	28	40	< 0.5	< 2	0.97	< 0.5	39	252	54	9.48	10	< 1	0.34	10	1.97	1110
C14473	205	226	< 5	0.2	1.32	2	150	< 0.5	< 2	2.94	< 0.5	11	31	27	2.40	10	< 1	0.55	50	0.87	440

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C14351	205	226	1	0.02	30	610	< 2	< 2	3	3	0.25	< 10	< 10	222	10	70
C14352	205	226	1	0.06	50	250	2	< 2	3	8	0.19	< 10	< 10	51	< 10	30
C14353	205	226	< 1	< 0.01	1035	< 10	< 2	< 2	8	1	0.01	< 10	< 10	33	20	10
C14354	205	226	1	0.31	127	480	26	4	6	47	0.14	< 10	< 10	66	30	610
C14355	205	226	< 1	0.08	125	230	< 2	6	19	17	< 0.01	< 10	< 10	126	20	68
C14356	205	226	< 1	0.07	69	170	< 2	4	13	30	< 0.01	< 10	< 10	58	20	58
C14357	205	226	< 1	0.03	141	200	< 2	< 2	11	16	< 0.01	< 10	< 10	75	30	66
C14358	205	226	< 1	< 0.01	16	110	< 2	< 2	1	2	< 0.01	< 10	< 10	8	< 10	6
C14359	205	226	< 1	0.07	111	190	< 2	< 2	35	9	0.20	< 10	< 10	261	30	96
C14360	205	226	< 1	0.01	123	100	< 2	< 2	41	14	0.06	< 10	< 10	197	40	74
C14361	205	226	< 1	0.04	315	110	< 2	< 2	8	14	0.12	< 10	< 10	113	30	26
C14362	205	226	< 1	0.07	90	190	4	< 2	9	16	0.18	< 10	< 10	167	20	76
C14363	205	226	< 1	< 0.01	37	80	4	< 2	1	< 1	< 0.01	< 10	< 10	8	< 10	4
C14364	205	226	< 1	< 0.01	35	60	2	< 2	2	1	< 0.01	< 10	< 10	11	< 10	6
C14365	205	226	< 1	0.01	69	190	< 2	2	19	29	0.11	< 10	< 10	130	30	62
C14366	205	226	< 1	0.12	89	170	2	< 2	4	12	0.16	< 10	< 10	135	20	68
C14367	205	226	< 1	< 0.01	33	130	6	2	5	6	< 0.01	< 10	< 10	18	20	110
C14451	205	226	< 1	< 0.01	27	240	6	2	15	120	0.02	< 10	< 10	62	30	38
C14452	205	226	< 1	< 0.01	51	290	8	6	16	97	0.05	< 10	< 10	134	70	64
C14453	205	226	< 1	0.03	32	430	4	< 2	3	20	0.34	< 10	< 10	163	10	88
C14454	205	226	< 1	< 0.01	65	650	6	4	50	22	0.23	< 10	< 10	438	40	78
C14455	205	226	< 1	0.03	33	370	< 2	2	7	10	0.15	< 10	< 10	151	20	54
C14456	205	226	< 1	0.25	76	240	2	2	24	30	0.08	< 10	< 10	212	20	88
C14457	205	226	< 1	0.08	12	1010	< 2	< 2	2	85	0.02	< 10	< 10	29	< 10	52
C14458	205	226	< 1	0.06	100	260	2	< 2	18	49	0.07	< 10	< 10	136	10	90
C14459	205	226	7	0.04	192	380	4	2	7	30	0.07	< 10	< 10	78	10	96
C14460	205	226	< 1	0.01	64	470	6	6	17	22	0.04	< 10	< 10	227	30	102
C14461	205	226	< 1	0.02	75	600	6	4	20	11	0.06	< 10	< 10	236	30	112
C14462	205	226	< 1	0.04	54	620	< 2	< 2	24	19	0.07	< 10	< 10	263	20	48
C14463	205	226	< 1	< 0.01	576	30	< 2	< 2	9	1	< 0.01	< 10	< 10	56	20	14
C14464	205	226	< 1	0.01	346	100	< 2	< 2	3	3	0.06	< 10	< 10	69	10	28
C14465	205	226	< 1	0.02	95	430	< 2	< 2	5	8	0.23	< 10	< 10	160	30	112
C14466	205	226	< 1	0.05	99	300	2	4	8	12	0.25	< 10	< 10	189	30	130
C14467	205	226	< 1	0.01	69	360	6	6	8	7	0.19	< 10	< 10	154	30	108
C14468	205	226	< 1	0.08	43	580	2	2	7	13	0.20	< 10	< 10	132	20	82
C14469	205	226	< 1	0.06	70	390	< 2	< 2	12	11	0.30	< 10	< 10	225	20	62
C14470	205	226	< 1	< 0.01	531	40	< 2	< 2	7	106	0.01	< 10	< 10	26	20	16
C14471	205	226	< 1	< 0.01	635	10	< 2	2	3	10	0.01	< 10	< 10	33	20	10
C14472	205	226	< 1	0.06	112	440	6	4	26	12	0.08	< 10	< 10	274	30	122
C14473	205	226	< 1	0.04	17	1320	2	2	2	184	0.07	< 10	< 10	29	10	58

CERTIFICATION:

*Hart Bichler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 2-A  
 Total Pages : 2  
 Certificate Date: 14-JUN-95  
 Invoice No. : I9518823  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

A9518823

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
C14474	205 226	< 5	< 0.2	1.10	2	10	< 0.5	2	1.68	< 0.5	12	97	55	2.27	< 10	< 1	0.11	< 10	0.62	465
C14475	205 226	10	0.2	3.14	32	40	< 0.5	< 2	2.36	< 0.5	34	135	95	5.76	10	< 1	0.66	< 10	1.41	920
C14501	205 226	< 5	0.2	0.44	2	< 10	< 0.5	8	>15.00	< 0.5	7	17	14	2.88	< 10	< 1	0.09	< 10	1.10	1660
C14502	205 226	< 5	0.2	4.62	62	90	< 0.5	< 2	4.54	< 0.5	42	218	68	6.80	10	< 1	1.07	< 10	1.62	1610
C14503	205 226	20	0.4	0.34	2	< 10	< 0.5	2	6.51	< 0.5	10	61	313	2.82	< 10	< 1	0.02	< 10	0.62	2160
C14504	205 226	< 5	0.2	4.83	18	10	< 0.5	< 2	6.26	< 0.5	29	209	13	9.81	20	< 1	0.09	< 10	2.68	2520
C14505	205 226	< 5	< 0.2	1.55	2	20	< 0.5	< 2	2.78	< 0.5	21	49	18	2.56	< 10	< 1	0.06	< 10	0.84	590
C14506	205 226	< 5	< 0.2	0.70	2	< 10	< 0.5	2	1.32	< 0.5	4	130	1	0.98	< 10	< 1	0.02	< 10	0.73	350
C14507	205 226	< 5	< 0.2	2.65	2	30	< 0.5	< 2	2.62	< 0.5	18	104	1	3.07	< 10	< 1	0.37	< 10	2.27	545
C14508	205 226	< 5	< 0.2	1.07	2	30	< 0.5	< 2	0.67	< 0.5	11	226	31	1.50	< 10	< 1	0.12	< 10	1.46	225
C14509	205 226	< 5	0.2	4.20	2	230	< 0.5	< 2	2.60	< 0.5	40	110	95	5.89	10	< 1	0.43	< 10	2.50	880
C14510	205 226	< 5	< 0.2	3.32	8	20	< 0.5	< 2	2.21	< 0.5	52	301	96	5.19	10	< 1	0.15	< 10	1.61	1075
C14511	205 226	< 5	0.2	1.83	2	70	< 0.5	< 2	10.30	0.5	20	66	57	4.46	< 10	< 1	0.57	< 10	3.13	1840
C14512	205 226	< 5	0.4	2.03	24	50	< 0.5	2	0.61	< 0.5	15	138	113	3.62	< 10	< 1	0.56	10	0.51	470
C14513	205 226	< 5	< 0.2	0.78	6	10	< 0.5	2	1.49	< 0.5	13	127	36	2.25	< 10	< 1	0.01	< 10	0.36	950
C14514	205 226	< 5	0.4	4.71	4	40	< 0.5	< 2	1.85	1.5	40	245	129	7.86	20	< 1	0.23	10	0.92	925
C14515	205 226	< 5	0.4	1.15	2	10	< 0.5	< 2	0.73	< 0.5	25	143	464	5.44	< 10	< 1	0.08	10	0.38	610
C14516	205 226	< 5	0.6	2.63	2	40	< 0.5	< 2	0.70	1.0	21	236	195	7.02	10	< 1	0.30	10	0.75	600
C14517	205 226	< 5	< 0.2	0.38	2	20	< 0.5	< 2	13.55	< 0.5	5	15	5	3.41	< 10	< 1	0.07	< 10	5.11	1665
C14518	205 226	< 5	< 0.2	4.44	14	350	< 0.5	< 2	3.23	< 0.5	39	105	56	6.32	10	< 1	0.75	< 10	2.70	995
C14519	205 226	< 5	0.2	5.34	2	180	< 0.5	< 2	2.20	< 0.5	41	105	84	7.34	20	< 1	0.14	< 10	4.41	635
C14520	205 226	< 5	< 0.2	4.23	2	40	< 0.5	< 2	1.56	< 0.5	36	64	100	5.83	10	< 1	0.03	< 10	3.31	705
C14521	205 226	< 5	< 0.2	3.86	2	< 10	< 0.5	2	13.85	< 0.5	8	48	1	3.76	< 10	< 1	< 0.01	< 10	0.98	395
C14522	205 226	< 5	< 0.2	0.73	2	< 10	< 0.5	< 2	0.26	< 0.5	79	830	16	7.50	< 10	< 1	< 0.01	< 10	11.10	500
C14523	205 226	< 5	< 0.2	1.34	2	10	< 0.5	2	1.24	< 0.5	14	107	89	2.70	10	< 1	0.03	< 10	0.71	550
C14524	205 226	10	0.2	1.06	2	50	< 0.5	2	0.45	< 0.5	7	149	66	1.50	< 10	< 1	0.37	< 10	0.71	220
C14525	205 226	10	0.2	1.80	2	10	< 0.5	< 2	1.53	< 0.5	33	1310	65	3.81	10	< 1	< 0.01	10	3.64	915

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

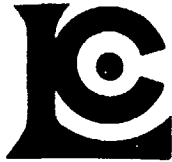
Project: 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :2-B  
 Total Pages :2  
 Certificate Date: 14-JUN-95  
 Invoice No. : I9518823  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9518823

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C14474	205	226	< 1	0.01	29	140	< 2	< 2	3	6	0.02	< 10	< 10	36	< 10	36
C14475	205	226	< 1	0.04	81	490	2	4	8	8	0.08	< 10	< 10	125	20	72
C14501	205	226	< 1	0.01	14	150	8	2	1	148	0.01	< 10	< 10	22	20	18
C14502	205	226	< 1	0.19	81	450	4	6	24	34	0.12	< 10	< 10	233	40	84
C14503	205	226	< 1	< 0.01	19	80	2	2	2	23	< 0.01	< 10	< 10	16	10	24
C14504	205	226	< 1	< 0.01	80	480	2	6	20	25	0.03	< 10	< 10	176	50	112
C14505	205	226	4	0.09	55	410	< 2	2	4	37	0.16	< 10	< 10	57	10	28
C14506	205	226	< 1	< 0.01	31	270	< 2	< 2	2	4	0.04	< 10	< 10	83	< 10	6
C14507	205	226	1	0.05	81	530	2	2	17	9	0.17	< 10	< 10	171	10	16
C14508	205	226	2	0.04	102	240	< 2	2	3	4	0.15	< 10	< 10	31	< 10	20
C14509	205	226	< 1	0.11	111	340	2	2	20	16	0.09	< 10	< 10	177	20	68
C14510	205	226	< 1	0.12	144	320	4	< 2	22	8	0.07	< 10	< 10	197	20	100
C14511	205	226	< 1	0.02	50	370	< 2	2	12	39	0.06	< 10	< 10	110	20	66
C14512	205	226	1	0.10	49	390	4	4	4	15	0.05	< 10	< 10	28	< 10	120
C14513	205	226	< 1	< 0.01	40	80	< 2	< 2	6	4	< 0.01	< 10	< 10	41	< 10	50
C14514	205	226	< 1	0.25	132	640	14	2	13	31	0.04	< 10	< 10	106	20	1020
C14515	205	226	< 1	0.04	86	100	4	2	2	8	0.01	< 10	< 10	30	10	90
C14516	205	226	< 1	0.13	124	310	4	4	12	20	0.05	< 10	< 10	107	10	500
C14517	205	226	< 1	< 0.01	33	70	2	2	2	66	< 0.01	< 10	< 10	16	20	34
C14518	205	226	< 1	0.12	138	320	4	< 2	24	22	0.09	< 10	< 10	185	20	78
C14519	205	226	< 1	0.02	164	270	< 2	2	22	12	0.06	< 10	< 10	193	20	86
C14520	205	226	< 1	0.11	147	320	4	< 2	5	17	0.15	< 10	< 10	120	20	68
C14521	205	226	< 1	< 0.01	12	660	4	2	11	14	0.19	< 10	< 10	160	20	14
C14522	205	226	< 1	0.01	1415	120	< 2	< 2	8	1	0.01	< 10	< 10	28	10	4
C14523	205	226	< 1	0.14	48	340	2	< 2	7	14	0.25	< 10	< 10	104	< 10	28
C14524	205	226	< 1	0.07	32	130	< 2	< 2	3	3	0.08	< 10	< 10	29	< 10	24
C14525	205	226	< 1	< 0.01	370	110	< 2	< 2	11	19	0.01	< 10	< 10	92	20	26

CERTIFICATION: *Hart Bichler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
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 Certificate Date: 28-JUN-95  
 Invoice No. : I9519964  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

## A9519964

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
C14442	205	226	5 < 0.2	5.26	< 2	20	< 0.5	< 2	1.49	< 0.5	30	195	73	10.20	10	< 1	0.06	< 10	3.97	2640	
C14443	205	226	10 < 0.2	3.84	4	160	< 0.5	< 2	1.37	< 0.5	28	79	163	9.45	10	< 1	0.66	< 10	1.57	1075	
C14444	205	226	5 < 0.2	1.44	32	70	< 0.5	< 2	0.79	< 0.5	30	131	31	3.27	< 10	< 1	0.15	< 10	0.86	625	
C14445	205	226	15 < 0.2	3.50	2	70	< 0.5	< 2	3.73	< 0.5	35	155	60	4.57	< 10	< 1	0.37	< 10	0.56	915	
C14447	205	226	5 < 0.2	2.93	< 2	220	< 0.5	< 2	0.22	< 0.5	27	137	102	6.99	10	< 1	0.36	< 10	2.35	510	
C14448	205	226	10 < 0.2	3.60	< 2	70	< 0.5	< 2	2.00	< 0.5	39	136	65	6.76	10	< 1	0.36	< 10	0.71	550	
C14449	205	226	25 < 0.2	2.39	6	180	< 0.5	< 2	1.53	< 0.5	34	155	88	5.15	< 10	2	0.77	< 10	0.94	915	
C14450	205	226	20 < 0.2	1.67	< 2	10	< 0.5	< 2	0.68	< 0.5	73	1445	55	6.71	< 10	< 1	< 0.01	< 10	13.45	720	
C14476	205	226	10 < 0.2	2.79	< 2	160	< 0.5	< 2	0.75	< 0.5	36	124	72	6.57	10	< 1	0.32	< 10	1.73	480	
C14477	205	226	15 < 0.2	2.56	4	70	< 0.5	< 2	1.77	< 0.5	25	66	126	6.39	10	< 1	0.20	< 10	1.64	900	
C14478	205	226	10 < 0.2	2.92	< 2	90	< 0.5	< 2	1.14	< 0.5	32	136	81	6.71	10	1	0.53	< 10	1.14	770	
C14479	205	226	20 < 0.2	3.50	< 2	150	< 0.5	< 2	1.61	< 0.5	39	167	102	6.02	10	< 1	0.62	< 10	1.25	585	
C14480	205	226	40 < 0.2	3.13	8	70	< 0.5	< 2	1.23	< 0.5	37	131	287	6.63	10	< 1	0.37	< 10	1.15	515	
C14481	205	226	20 < 0.2	2.74	2	100	< 0.5	< 2	1.37	< 0.5	26	104	84	6.22	10	< 1	0.46	< 10	0.80	650	

CERTIFICATION:

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
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Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

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## CERTIFICATE OF ANALYSIS

### A9519964

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
C14442	205	226	1	0.01	83	350	6	< 2	25	10	0.22	< 10	< 10	256	30	128
C14443	205	226	< 1	0.16	43	720	4	< 2	19	5	0.13	< 10	< 10	219	20	114
C14444	205	226	< 1	0.13	58	510	< 2	2	17	7	0.12	< 10	< 10	253	< 10	74
C14445	205	226	1	0.29	56	540	2	< 2	25	20	0.12	< 10	< 10	278	10	48
C14447	205	226	1	0.06	64	640	4	< 2	11	3	0.11	< 10	< 10	296	10	64
C14448	205	226	< 1	0.26	65	530	4	< 2	19	18	0.10	< 10	< 10	244	10	64
C14449	205	226	1	0.17	65	460	< 2	2	24	11	0.16	< 10	< 10	308	10	112
C14450	205	226	< 1	< 0.01	1040	120	< 2	< 2	12	20	0.03	< 10	< 10	83	20	40
C14476	205	226	< 1	0.13	65	690	2	2	32	4	0.10	< 10	< 10	364	10	66
C14477	205	226	< 1	0.24	46	540	< 2	2	17	7	0.12	< 10	< 10	188	10	64
C14478	205	226	< 1	0.12	66	590	2	2	22	6	0.11	< 10	< 10	274	10	74
C14479	205	226	< 1	0.19	81	650	6	2	18	12	0.12	< 10	< 10	285	10	78
C14480	205	226	< 1	0.17	61	750	8	< 2	20	6	0.10	< 10	< 10	261	10	84
C14481	205	226	< 1	0.15	48	670	< 2	2	21	8	0.11	< 10	< 10	281	10	70

CERTIFICATION: 





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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
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Project : 530-HUMLIN  
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Page Number : 1  
 Total Pages : 1  
 Certificate Date: 28-JUN-95  
 Invoice No. : I9519966  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9519966</b>
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SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams				
C14446	208 226	< 0.002	< 0.002	< 0.002	176	9.85				
C14482	208 226	0.006	0.006	< 0.002	218	10.01				
C14483	208 226	< 0.002	< 0.002	< 0.002	215	5.86				
C14484	208 226	< 0.002	< 0.002	< 0.002	189	4.60				
C14485	208 226	< 0.002	< 0.002	< 0.002	191	4.12				
C16851	208 226	0.003	< 0.002	0.021	189	5.96				
C16852	208 226	0.055	0.057	0.008	222	11.23				
C16853	208 226	0.077	0.080	0.002	206	9.35				

CERTIFICATION:



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number :1-A  
 Total Pages :2  
 Certificate Date: 28-JUN-95  
 Invoice No. : I9519760  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9519760

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HBL-001	205 226	< 5	< 0.2	2.72	2	10	< 0.5	< 2	1.07	< 0.5	25	101	134	4.19	< 10	< 1	0.01	< 10	1.86	585
531-HBL-002	205 226	< 5	< 0.2	2.87	8	< 10	< 0.5	2	1.23	< 0.5	25	108	128	4.27	< 10	< 1	< 0.01	< 10	1.88	610
531-HBL-003	205 226	< 5	< 0.2	1.85	< 2	< 10	< 0.5	< 2	1.94	< 0.5	17	102	118	3.08	< 10	< 1	0.02	< 10	1.03	605
531-HBL-004	205 226	< 5	< 0.2	2.66	10	< 10	< 0.5	2	1.60	< 0.5	23	88	136	3.73	< 10	< 1	0.02	< 10	1.54	525
531-HBL-005	205 226	< 5	< 0.2	2.22	2	20	< 0.5	< 2	2.73	< 0.5	24	91	126	4.27	< 10	< 1	0.09	< 10	1.50	645
531-HBL-006	205 226	35	< 0.2	2.89	64	30	< 0.5	< 2	5.57	< 0.5	48	146	105	6.41	10	< 1	0.19	< 10	0.90	1230
531-HBL-007	205 226	< 5	< 0.2	2.62	2	30	< 0.5	6	1.86	< 0.5	26	91	127	4.51	< 10	< 1	0.02	< 10	1.81	735
531-HBL-008	205 226	5	< 0.2	2.02	26	< 10	< 0.5	< 2	3.27	< 0.5	32	90	143	3.43	< 10	< 1	0.03	< 10	1.07	650
531-HBL-009	205 226	< 5	< 0.2	2.94	8	30	< 0.5	< 2	0.99	< 0.5	24	91	72	4.57	< 10	< 1	< 0.01	< 10	2.28	645
531-HBL-010	205 226	10	< 0.2	1.49	14	< 10	< 0.5	< 2	1.96	< 0.5	19	119	123	2.31	< 10	< 1	0.01	< 10	0.71	405
531-HBL-011	205 226	< 5	< 0.2	1.87	2	< 10	< 0.5	2	1.57	< 0.5	21	90	126	3.04	< 10	< 1	0.01	< 10	1.12	455
531-HBL-012	205 226	85	< 0.2	6.37	368	60	< 0.5	< 2	2.44	< 0.5	63	214	143	5.70	10	< 1	1.44	< 10	1.31	505
531-HBL-013	205 226	< 5	< 0.2	2.74	6	< 10	< 0.5	8	3.95	< 0.5	25	137	75	3.86	< 10	< 1	0.01	< 10	2.09	975
531-HBL-014	205 226	< 5	< 0.2	2.43	18	< 10	< 0.5	< 2	1.89	< 0.5	28	139	5	3.09	< 10	< 1	0.01	< 10	1.45	430
531-HBL-015	205 226	< 5	< 0.2	3.68	4	20	< 0.5	< 2	3.58	< 0.5	25	81	115	4.19	< 10	< 1	0.07	< 10	1.93	750
531-HBL-016	205 226	< 5	< 0.2	2.87	6	160	< 0.5	< 2	4.76	< 0.5	15	190	3	4.14	< 10	< 1	0.86	< 10	2.14	1695
531-HBL-017	205 226	20	< 0.2	4.35	4	80	< 0.5	2	4.04	< 0.5	40	159	399	7.04	10	< 1	0.25	< 10	3.06	1015
531-HBL-018	205 226	< 5	< 0.2	3.26	18	< 10	< 0.5	2	1.23	< 0.5	44	883	112	3.84	< 10	< 1	0.02	< 10	4.74	475
531-HBL-019	205 226	< 5	< 0.2	1.52	2	< 10	< 0.5	2	2.61	< 0.5	15	71	99	2.62	< 10	< 1	0.03	< 10	0.88	440
531-HBL-020	205 226	15	< 0.2	3.05	6	< 10	< 0.5	2	1.73	< 0.5	25	89	134	4.22	< 10	< 1	0.02	< 10	2.24	520
531-HBL-021	205 226	5	< 0.2	1.95	2	< 10	< 0.5	4	1.56	< 0.5	13	72	125	2.52	< 10	< 1	0.01	< 10	1.03	490
531-HBL-022	205 226	20	< 0.2	1.28	4	< 10	< 0.5	< 2	1.43	< 0.5	18	87	146	2.01	< 10	< 1	0.01	< 10	0.53	310
531-HBL-023	205 226	< 5	< 0.2	1.27	< 2	< 10	< 0.5	2	1.48	< 0.5	11	83	131	1.81	< 10	< 1	0.02	< 10	0.51	320
531-HBL-024	205 226	10	< 0.2	2.08	< 2	10	< 0.5	2	1.24	< 0.5	16	79	133	2.69	< 10	< 1	0.01	< 10	1.14	340
531-HBL-025	205 226	5	< 0.2	3.25	10	10	< 0.5	2	1.85	< 0.5	30	149	123	5.16	< 10	< 1	0.01	< 10	2.79	565
531-HBL-026	205 226	15	< 0.2	4.18	6	10	< 0.5	2	2.85	< 0.5	33	157	154	7.27	< 10	< 1	0.02	< 10	3.87	565
531-HBL-027	205 226	10	< 0.2	3.02	4	100	< 0.5	2	0.93	< 0.5	28	103	119	5.35	< 10	1	0.10	< 10	2.90	465
531-HBL-028	205 226	15	< 0.2	2.07	2	< 10	< 0.5	< 2	4.96	< 0.5	24	85	175	3.34	< 10	< 1	0.01	< 10	1.50	835
531-HBL-029	205 226	25	< 0.2	1.95	2	< 10	< 0.5	< 2	1.12	< 0.5	19	78	156	3.51	< 10	< 1	0.01	< 10	1.40	520
531-HBL-030	205 226	10	< 0.2	3.49	4	< 10	< 0.5	8	0.89	< 0.5	34	49	140	5.13	< 10	< 1	0.01	< 10	3.22	525
531-HBL-031	205 226	15	< 0.2	2.53	2	10	< 0.5	< 2	0.97	< 0.5	2	60	2	1.06	< 10	< 1	0.16	10	0.53	180
531-HBL-032	205 226	20	< 0.2	2.16	2	< 10	< 0.5	< 2	1.25	< 0.5	25	92	171	4.15	< 10	< 1	0.02	< 10	1.70	515
531-HBL-033	205 226	< 5	< 0.2	3.39	< 2	30	< 0.5	< 2	2.32	< 0.5	2	122	3	1.14	< 10	< 1	0.56	10	0.34	170
531-HBL-034	205 226	< 5	< 0.2	0.94	< 2	< 10	< 0.5	< 2	2.47	< 0.5	15	60	130	2.19	< 10	< 1	0.01	< 10	0.74	440
531-HBL-035	205 226	< 5	< 0.2	4.37	4	50	< 0.5	2	2.38	< 0.5	17	72	2	5.41	10	< 1	0.34	< 10	1.02	345
531-HBL-036	205 226	< 5	< 0.2	4.02	< 2	10	< 0.5	< 2	2.79	< 0.5	6	85	10	1.30	< 10	< 1	0.06	< 10	0.44	165
531-HBL-037	205 226	< 5	< 0.2	4.88	2	70	< 0.5	2	3.21	< 0.5	6	46	17	1.21	< 10	< 1	0.16	< 10	0.56	180
531-HBL-038	205 226	15	< 0.2	1.94	2	30	< 0.5	2	0.50	< 0.5	18	29	46	2.86	< 10	< 1	0.16	< 10	1.81	230
531-HBL-039	205 226	10	< 0.2	5.85	6	30	< 0.5	< 2	4.11	< 0.5	7	77	115	1.17	< 10	< 1	0.20	< 10	0.44	195
531-HBL-040	205 226	15	< 0.2	1.30	< 2	10	< 0.5	< 2	1.42	< 0.5	6	59	14	1.40	< 10	< 1	0.03	< 10	0.56	235

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
 Total Pages : 2  
 Certificate Date: 28-JUN-95  
 Invoice No. : 19519760  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9519760

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-HBL-001	205	226	< 1	0.08	61	290	< 2	< 2	4	13	0.31	< 10	< 10	89	< 10	50
531-HBL-002	205	226	< 1	0.07	61	330	< 2	< 2	4	15	0.35	< 10	< 10	92	< 10	56
531-HBL-003	205	226	< 1	0.12	42	290	< 2	< 2	7	14	0.28	< 10	< 10	93	< 10	38
531-HBL-004	205	226	< 1	0.17	55	330	< 2	< 2	6	14	0.38	< 10	< 10	101	< 10	44
531-HBL-005	205	226	< 1	0.11	58	290	< 2	< 2	8	8	0.20	< 10	< 10	122	< 10	56
531-HBL-006	205	226	< 1	0.17	78	520	2	< 2	17	17	0.24	< 10	< 10	204	< 10	82
531-HBL-007	205	226	< 1	0.05	61	310	< 2	< 2	6	13	0.41	< 10	< 10	107	< 10	52
531-HBL-008	205	226	< 1	0.10	67	300	< 2	2	6	13	0.31	< 10	< 10	91	< 10	44
531-HBL-009	205	226	< 1	0.02	62	370	< 2	< 2	4	12	0.37	< 10	< 10	102	< 10	58
531-HBL-010	205	226	4	0.06	39	240	< 2	< 2	4	25	0.22	< 10	< 10	65	< 10	28
531-HBL-011	205	226	< 1	0.08	52	260	< 2	< 2	5	13	0.24	< 10	< 10	76	< 10	40
531-HBL-012	205	226	< 1	0.34	85	270	< 2	< 2	24	19	0.17	< 10	< 10	285	20	46
531-HBL-013	205	226	< 1	0.08	47	180	< 2	< 2	4	23	0.15	< 10	< 10	74	< 10	44
531-HBL-014	205	226	< 1	< 0.01	46	220	< 2	< 2	6	66	0.26	< 10	< 10	69	< 10	34
531-HBL-015	205	226	< 1	0.27	51	230	2	< 2	8	36	0.25	< 10	< 10	89	< 10	46
531-HBL-016	205	226	< 1	0.06	29	380	< 2	< 2	32	16	0.13	< 10	< 10	255	< 10	32
531-HBL-017	205	226	< 1	0.03	62	310	< 2	< 2	34	29	0.08	< 10	< 10	270	< 10	42
531-HBL-018	205	226	< 1	< 0.01	423	120	< 2	< 2	2	5	0.04	< 10	< 10	65	< 10	34
531-HBL-019	205	226	< 1	0.21	39	260	< 2	< 2	8	17	0.11	< 10	< 10	87	< 10	30
531-HBL-020	205	226	< 1	0.16	59	380	< 2	< 2	8	18	0.21	< 10	< 10	109	< 10	50
531-HBL-021	205	226	2	0.20	34	280	< 2	< 2	4	13	0.20	< 10	< 10	70	< 10	30
531-HBL-022	205	226	< 1	0.15	46	220	< 2	< 2	5	16	0.15	< 10	< 10	62	< 10	20
531-HBL-023	205	226	1	0.15	30	210	< 2	< 2	4	15	0.16	< 10	< 10	54	< 10	20
531-HBL-024	205	226	< 1	0.18	38	250	< 2	< 2	4	18	0.14	< 10	< 10	64	< 10	30
531-HBL-025	205	226	< 1	0.07	47	280	< 2	< 2	7	21	0.05	< 10	< 10	135	< 10	70
531-HBL-026	205	226	< 1	0.02	50	300	< 2	< 2	23	23	0.07	< 10	< 10	262	< 10	72
531-HBL-027	205	226	< 1	0.06	44	350	< 2	< 2	5	11	0.11	< 10	< 10	155	< 10	64
531-HBL-028	205	226	< 1	0.13	57	300	< 2	< 2	7	20	0.10	< 10	< 10	77	< 10	46
531-HBL-029	205	226	< 1	0.15	48	350	< 2	< 2	7	2	0.13	< 10	< 10	99	< 10	46
531-HBL-030	205	226	< 1	0.04	114	310	< 2	< 2	4	4	0.19	< 10	< 10	129	< 10	56
531-HBL-031	205	226	< 1	0.26	6	270	< 2	< 2	< 1	26	< 0.01	< 10	< 10	6	< 10	22
531-HBL-032	205	226	11	0.27	59	330	2	< 2	10	5	0.09	< 10	< 10	129	< 10	48
531-HBL-033	205	226	1	0.43	3	250	6	< 2	1	59	0.04	< 10	< 10	11	< 10	40
531-HBL-034	205	226	< 1	0.15	42	340	< 2	< 2	7	6	0.07	< 10	< 10	78	< 10	28
531-HBL-035	205	226	< 1	0.28	2	770	< 2	< 2	11	32	0.08	< 10	< 10	72	< 10	32
531-HBL-036	205	226	< 1	0.23	8	50	< 2	< 2	6	26	0.06	< 10	< 10	57	< 10	10
531-HBL-037	205	226	< 1	0.55	9	260	< 2	< 2	4	58	0.03	< 10	< 10	39	< 10	8
531-HBL-038	205	226	< 1	0.10	24	240	< 2	< 2	6	3	0.04	< 10	< 10	82	< 10	28
531-HBL-039	205	226	< 1	0.37	13	40	< 2	< 2	4	44	0.11	< 10	< 10	55	< 10	12
531-HBL-040	205	226	< 1	0.19	10	240	< 2	< 2	6	10	0.11	< 10	< 10	49	< 10	12

CERTIFICATION: \_\_\_\_\_



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5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-HBL-041	205	226	< 5	< 0.2	2.65	< 2	40	< 0.5	2	1.42	< 0.5	13	73	18	2.04	< 10	< 1	0.42	< 10	1.33	210
531-HBL-042	205	226	< 5	< 0.2	1.03	< 2	< 10	< 0.5	< 2	0.74	< 0.5	11	111	136	1.35	< 10	< 1	< 0.01	< 10	0.55	135
531-HBL-043	205	226	< 5	< 0.2	1.85	2	30	< 0.5	< 2	1.59	< 0.5	13	50	113	1.62	< 10	< 1	0.23	< 10	0.60	255
531-HBL-044	205	226	< 5	< 0.2	2.48	2	10	< 0.5	< 2	2.20	< 0.5	4	44	73	0.46	< 10	< 1	0.02	< 10	0.17	115
531-HBL-045	205	226	10	< 0.2	2.33	2	< 10	< 0.5	2	1.91	< 0.5	6	72	112	0.55	< 10	< 1	< 0.01	< 10	0.15	195
531-HBL-046	205	226	5	< 0.2	2.07	< 2	< 10	< 0.5	2	1.72	< 0.5	3	93	68	0.64	< 10	< 1	< 0.01	< 10	0.21	265
531-HBL-047	205	226	10	< 0.2	1.48	< 2	< 10	< 0.5	< 2	1.26	< 0.5	5	55	105	0.57	< 10	< 1	< 0.01	< 10	0.23	110
531-HBL-048	205	226	20	< 0.2	1.45	< 2	< 10	< 0.5	< 2	1.14	< 0.5	4	61	99	0.67	< 10	< 1	< 0.01	< 10	0.31	130
531-HBL-049	205	226	10	0.2	2.49	< 2	< 10	< 0.5	2	1.84	< 0.5	17	78	343	1.31	< 10	< 1	0.03	< 10	0.35	100
531-HBL-050	205	226	10	< 0.2	1.25	< 2	10	< 0.5	< 2	1.05	< 0.5	9	72	59	1.55	< 10	< 1	0.03	< 10	0.89	185
531-HBL-051	205	226	100	< 0.2	2.14	2	< 10	< 0.5	< 2	1.99	< 0.5	17	59	850	2.17	< 10	< 1	0.02	< 10	0.21	130
531-HBL-052	205	226	15	< 0.2	1.18	2	20	< 0.5	< 2	0.99	< 0.5	14	44	118	2.17	< 10	< 1	0.32	< 10	0.86	240
531-HBL-053	205	226	10	< 0.2	1.30	2	60	< 0.5	< 2	1.21	< 0.5	11	87	140	1.75	< 10	< 1	0.16	< 10	0.86	260
531-HBL-054	205	226	< 5	0.2	3.83	< 2	40	< 0.5	< 2	2.34	< 0.5	24	108	716	2.56	< 10	< 1	0.34	< 10	0.57	125
531-HBL-055	205	226	10	< 0.2	4.57	< 2	30	< 0.5	< 2	5.49	< 0.5	6	98	15	1.15	< 10	< 1	0.11	< 10	0.39	395
531-HBL-056	205	226	15	0.2	1.43	< 2	10	< 0.5	< 2	1.79	< 0.5	11	64	111	1.94	< 10	< 1	0.03	< 10	0.83	340
531-HBL-057	205	226	10	< 0.2	1.19	4	40	< 0.5	< 2	1.76	< 0.5	15	67	149	2.08	< 10	< 1	0.01	< 10	0.72	370
531-HBL-058	205	226	10	< 0.2	0.75	2	20	< 0.5	2	3.14	< 0.5	16	72	177	1.34	< 10	< 1	0.01	< 10	0.35	415
531-WH-001	205	226	10	< 0.2	2.65	24	10	< 0.5	< 2	1.14	< 0.5	22	58	131	4.59	< 10	< 1	0.02	< 10	2.05	590
531-WH-002	205	226	10	< 0.2	2.86	14	10	< 0.5	< 2	0.98	< 0.5	25	151	97	4.28	< 10	< 1	0.03	< 10	2.17	570
531-WH-003	205	226	15	< 0.2	4.96	6	30	< 0.5	4	1.96	< 0.5	41	178	104	7.28	< 10	< 1	0.14	< 10	4.51	1070
531-WH-004	205	226	10	< 0.2	2.40	4	10	< 0.5	< 2	0.05	< 0.5	85	188	381	5.04	< 10	< 1	0.17	< 10	1.25	390
531-WH-005	205	226	10	< 0.2	1.09	104	10	< 0.5	< 2	0.02	< 0.5	49	457	94	1.96	< 10	< 1	0.15	< 10	0.59	165
531-WH-006	205	226	20	0.2	3.92	24	< 10	< 0.5	4	0.98	< 0.5	51	252	146	6.62	< 10	< 1	0.06	< 10	2.41	525

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A9519760

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-041	205 226	< 1	0.30	32	240	< 2	< 2	4	22	0.08	< 10	< 10	57	< 10	20
531-HBL-042	205 226	5	0.16	22	210	< 2	< 2	8	12	0.08	< 10	< 10	74	< 10	14
531-HBL-043	205 226	6	0.19	17	510	< 2	< 2	4	32	0.22	< 10	< 10	62	< 10	14
531-HBL-044	205 226	< 1	0.33	10	200	< 2	< 2	1	43	0.16	< 10	< 10	25	< 10	6
531-HBL-045	205 226	1	0.39	11	180	< 2	< 2	1	40	0.15	< 10	< 10	19	< 10	6
531-HBL-046	205 226	2	0.28	13	160	< 2	< 2	1	29	0.14	< 10	< 10	19	< 10	6
531-HBL-047	205 226	< 1	0.20	9	190	< 2	< 2	2	12	0.08	< 10	< 10	21	< 10	6
531-HBL-048	205 226	< 1	0.25	7	170	< 2	< 2	2	22	0.06	< 10	< 10	23	< 10	8
531-HBL-049	205 226	< 1	0.30	37	190	< 2	< 2	2	54	0.13	< 10	< 10	25	< 10	14
531-HBL-050	205 226	< 1	0.19	16	200	< 2	< 2	7	10	0.07	< 10	< 10	59	< 10	28
531-HBL-051	205 226	< 1	0.10	42	250	< 2	< 2	2	27	0.16	< 10	< 10	29	< 10	8
531-HBL-052	205 226	< 1	0.12	20	240	< 2	< 2	7	4	0.12	< 10	< 10	71	< 10	20
531-HBL-053	205 226	17	0.17	18	200	2	< 2	7	13	0.08	< 10	< 10	56	< 10	20
531-HBL-054	205 226	< 1	0.43	37	200	< 2	< 2	3	80	0.15	< 10	< 10	48	10	12
531-HBL-055	205 226	< 1	0.46	13	170	2	< 2	6	57	0.11	< 10	< 10	43	< 10	12
531-HBL-056	205 226	< 1	0.16	26	330	< 2	< 2	5	9	0.07	< 10	< 10	69	< 10	22
531-HBL-057	205 226	< 1	0.14	34	320	< 2	< 2	6	10	0.13	< 10	< 10	77	< 10	32
531-HBL-058	205 226	< 1	0.09	47	220	< 2	< 2	5	12	0.23	< 10	< 10	66	< 10	26
531-WH-001	205 226	< 1	0.03	32	440	< 2	< 2	3	12	0.38	< 10	< 10	135	< 10	62
531-WH-002	205 226	< 1	0.05	34	380	< 2	< 2	3	12	0.36	< 10	< 10	122	< 10	58
531-WH-003	205 226	< 1	0.02	59	250	< 2	< 2	33	14	0.26	< 10	< 10	236	< 10	78
531-WH-004	205 226	< 1	0.01	201	160	< 2	4	7	1	< 0.01	< 10	< 10	68	< 10	32
531-WH-005	205 226	1	0.01	178	50	< 2	2	1	1	< 0.01	< 10	< 10	37	< 10	38
531-WH-006	205 226	< 1	0.02	103	270	< 2	2	15	4	0.03	< 10	< 10	186	< 10	64

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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Project : 531-REDRUTH  
Comments : ATTN: STUART DEVEAU

Page Number : 1-A  
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Certificate Date: 30-JUN-95  
Invoice No. : I9520102  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9520102

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-HBL-059	255	295	< 5	< 0.2	4.55	46	< 10	< 0.5	4	1.50	< 0.5	35	218	66	7.03	10	< 1	0.01	< 10	3.51	880
531-HBL-060	255	295	< 5	< 0.2	3.37	6	10	< 0.5	< 2	2.15	< 0.5	28	116	103	6.22	10	< 1	0.01	< 10	2.77	780
531-HBL-061	255	295	5	< 0.2	2.70	8	70	< 0.5	2	1.23	< 0.5	22	218	181	4.09	< 10	< 1	0.45	< 10	2.02	530
531-HBL-062	255	295	10	< 0.2	2.79	6	< 10	< 0.5	2	1.38	< 0.5	19	141	87	3.65	< 10	< 1	0.01	< 10	1.93	555
531-HBL-063	255	295	10	< 0.2	4.98	12	20	< 0.5	< 2	3.36	< 0.5	41	28	135	8.51	< 10	< 1	0.08	< 10	3.84	1225
531-HBL-064	255	295	< 5	< 0.2	4.77	4	40	< 0.5	< 2	2.54	< 0.5	44	733	171	6.29	< 10	< 1	0.10	< 10	5.13	935
531-HBL-065	255	295	15	< 0.2	2.42	44	80	< 0.5	2	4.13	< 0.5	38	529	132	3.72	< 10	< 1	0.18	< 10	2.78	765
531-HBL-066	255	295	20	< 0.2	4.41	8	10	< 0.5	< 2	0.48	< 0.5	46	1035	13	5.49	< 10	< 1	0.01	< 10	5.48	645
531-HBL-067	255	295	10	0.2	5.58	6	10	< 0.5	8	1.80	< 0.5	46	774	2	7.01	< 10	< 1	< 0.01	< 10	5.89	955
531-HBL-068	255	295	25	< 0.2	2.15	< 2	200	< 0.5	2	1.17	< 0.5	24	118	110	3.88	< 10	< 1	0.75	< 10	2.12	580
531-HBL-069	255	295	10	< 0.2	2.33	< 2	30	< 0.5	< 2	0.94	< 0.5	24	409	72	3.26	< 10	< 1	0.06	< 10	2.42	440
531-HBL-070	255	295	10	0.2	3.83	12	220	< 0.5	2	2.68	< 0.5	43	55	93	9.44	10	< 1	0.47	< 10	3.43	815
531-HBL-071	255	295	20	< 0.2	2.80	< 2	50	< 0.5	2	3.58	< 0.5	35	69	98	5.61	10	< 1	0.10	< 10	1.73	1115
531-HBL-072	255	295	15	< 0.2	4.70	30	10	< 0.5	< 2	1.78	< 0.5	54	169	148	6.62	10	< 1	< 0.01	< 10	3.72	1180
531-HBL-073	255	295	20	< 0.2	2.16	4	10	< 0.5	4	1.89	< 0.5	24	90	99	3.67	< 10	< 1	0.03	< 10	1.37	625
531-HBL-074	255	295	10	< 0.2	3.48	8	40	< 0.5	< 2	1.77	< 0.5	38	82	91	7.31	< 10	< 1	0.06	< 10	2.31	1060
531-HBL-075	255	295	15	< 0.2	2.93	12	20	< 0.5	< 2	1.79	< 0.5	28	236	64	4.16	< 10	< 1	0.02	< 10	3.25	710
531-HBL-076	255	295	40	< 0.2	2.59	< 2	260	< 0.5	4	1.94	< 0.5	35	21	258	8.21	10	< 1	0.62	< 10	2.04	730
531-HBL-077	255	295	30	< 0.2	1.35	2	10	< 0.5	< 2	1.37	< 0.5	13	90	109	2.46	< 10	< 1	0.02	< 10	0.72	405
531-HBL-078	255	295	25	< 0.2	2.44	4	10	< 0.5	< 2	1.54	< 0.5	17	53	115	2.78	< 10	< 1	0.03	< 10	1.35	340
531-HBL-079	255	295	5	< 0.2	2.28	2	10	< 0.5	< 2	1.66	< 0.5	25	95	148	4.01	< 10	< 1	0.04	< 10	1.60	560
531-HBL-080	255	295	10	< 0.2	1.25	4	10	< 0.5	< 2	2.06	< 0.5	12	86	115	2.10	< 10	< 1	0.02	< 10	0.95	510
531-HBL-081	255	295	10	< 0.2	1.53	< 2	< 10	< 0.5	< 2	5.42	< 0.5	9	33	11	2.30	< 10	< 1	0.04	< 10	0.76	685
531-HBL-083	255	295	15	< 0.2	3.33	< 2	< 10	< 0.5	2	2.37	< 0.5	11	79	139	2.03	< 10	< 1	0.02	< 10	1.05	210
531-HBL-084	255	295	5	< 0.2	1.70	< 2	< 10	< 0.5	< 2	2.25	< 0.5	10	107	123	2.20	< 10	< 1	0.01	< 10	0.84	515
531-HBL-085	255	295	15	0.2	1.82	< 2	< 10	< 0.5	< 2	1.55	< 0.5	11	128	112	2.16	< 10	< 1	0.02	< 10	1.01	280
531-HBL-086	255	295	10	< 0.2	1.43	< 2	10	< 0.5	< 2	2.80	< 0.5	10	44	166	1.41	< 10	< 1	< 0.01	< 10	0.56	300
531-HBL-087	255	295	5	< 0.2	2.22	2	20	< 0.5	< 2	1.17	< 0.5	2	62	1	0.94	< 10	< 1	0.57	10	0.34	130
531-HBL-088	255	295	15	< 0.2	0.67	2	10	< 0.5	< 2	0.78	< 0.5	11	72	93	1.48	< 10	< 1	0.03	< 10	0.66	200
531-HBL-089	255	295	20	< 0.2	1.84	< 2	< 10	< 0.5	< 2	2.01	< 0.5	2	64	11	0.32	< 10	< 1	0.02	< 10	0.32	110
531-HBL-090	255	295	30	< 0.2	1.43	< 2	20	< 0.5	4	1.50	< 0.5	6	42	49	1.24	< 10	< 1	0.01	< 10	0.49	200
531-HBL-091	255	295	30	< 0.2	1.67	< 2	10	< 0.5	2	1.29	< 0.5	8	53	78	1.32	< 10	< 1	0.01	< 10	1.01	245
531-HBL-092	255	295	40	< 0.2	1.71	< 2	10	< 0.5	2	1.44	< 0.5	13	40	7	3.18	< 10	< 1	0.08	< 10	1.17	300
531-HBL-093	255	295	15	< 0.2	2.86	< 2	10	< 0.5	< 2	1.82	< 0.5	13	42	92	2.32	< 10	< 1	0.05	< 10	1.21	330
531-HBL-094	255	295	10	< 0.2	1.35	< 2	20	< 0.5	< 2	1.38	< 0.5	11	48	27	2.29	< 10	< 1	0.10	< 10	0.91	335
531-HBL-095	255	295	10	< 0.2	0.80	< 2	10	< 0.5	< 2	1.16	< 0.5	17	62	50	1.65	< 10	< 1	0.01	< 10	0.54	235
531-HBL-096	255	295	20	< 0.2	2.25	4	10	< 0.5	4	1.26	< 0.5	21	88	153	3.60	< 10	< 1	0.02	< 10	1.64	480
531-HBL-097	255	295	15	< 0.2	0.85	< 2	10	< 0.5	< 2	1.15	< 0.5	15	128	142	1.47	< 10	< 1	0.04	< 10	0.45	235
531-HBL-098	255	295	20	< 0.2	1.54	22	70	< 0.5	< 2	2.32	< 0.5	25	123	114	2.54	< 10	< 1	0.21	< 10	0.94	475
531-HBL-099	255	295	5	< 0.2	3.63	< 2	30	< 0.5	2	1.67	< 0.5	20	67	78	2.61	< 10	< 1	0.06	< 10	1.94	285

CERTIFICATION:

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

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Project: 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
 Total Pages : 2  
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 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9520102

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-059	255 295	< 1	0.06	85	410	< 2	< 2	7	10	0.44	< 10	< 10	190	< 10	82
531-HBL-060	255 295	< 1	0.03	34	580	< 2	< 2	5	12	0.38	< 10	< 10	145	< 10	72
531-HBL-061	255 295	< 1	0.06	41	410	4	< 2	4	22	0.45	< 10	< 10	121	< 10	60
531-HBL-062	255 295	< 1	0.07	34	310	< 2	< 2	3	15	0.34	< 10	< 10	94	< 10	52
531-HBL-063	255 295	< 1	< 0.01	43	280	< 2	< 2	30	22	0.34	< 10	< 10	287	< 10	88
531-HBL-064	255 295	< 1	< 0.01	178	180	< 2	< 2	7	14	0.30	< 10	< 10	149	< 10	66
531-HBL-065	255 295	< 1	0.02	145	150	< 2	< 2	3	42	0.11	< 10	< 10	105	< 10	32
531-HBL-066	255 295	< 1	< 0.01	346	170	< 2	< 2	2	1	0.26	< 10	< 10	120	< 10	62
531-HBL-067	255 295	< 1	< 0.01	185	170	< 2	2	25	14	0.30	< 10	< 10	215	< 10	72
531-HBL-068	255 295	< 1	0.03	52	220	< 2	< 2	4	5	0.37	< 10	< 10	121	< 10	46
531-HBL-069	255 295	< 1	0.02	104	150	< 2	< 2	2	6	0.28	< 10	< 10	67	< 10	36
531-HBL-070	255 295	< 1	0.02	42	670	< 2	< 2	29	34	0.11	< 10	< 10	360	< 10	116
531-HBL-071	255 295	< 1	0.13	58	580	< 2	< 2	11	18	0.09	< 10	< 10	156	< 10	86
531-HBL-072	255 295	< 1	0.01	109	420	< 2	< 2	16	3	0.42	< 10	< 10	252	< 10	118
531-HBL-073	255 295	2	0.13	53	370	< 2	2	9	9	0.26	< 10	< 10	106	< 10	54
531-HBL-074	255 295	< 1	0.08	37	540	< 2	< 2	11	5	0.10	< 10	< 10	149	< 10	92
531-HBL-075	255 295	< 1	0.02	52	310	< 2	< 2	7	8	0.26	< 10	< 10	126	< 10	54
531-HBL-076	255 295	< 1	0.03	30	430	< 2	2	6	16	0.38	< 10	< 10	290	< 10	76
531-HBL-077	255 295	< 1	0.17	36	250	< 2	< 2	7	11	0.14	< 10	< 10	79	< 10	28
531-HBL-078	255 295	< 1	0.23	44	350	< 2	< 2	4	22	0.12	< 10	< 10	77	< 10	30
531-HBL-079	255 295	< 1	0.20	62	360	< 2	< 2	9	5	0.12	< 10	< 10	122	< 10	54
531-HBL-080	255 295	< 1	0.17	24	290	< 2	< 2	6	7	0.07	< 10	< 10	72	< 10	30
531-HBL-081	255 295	1	0.18	13	380	< 2	< 2	11	10	0.19	< 10	< 10	86	< 10	20
531-HBL-083	255 295	< 1	0.55	21	300	< 2	< 2	8	33	0.08	< 10	< 10	73	< 10	24
531-HBL-084	255 295	< 1	0.19	22	200	< 2	2	6	10	0.14	< 10	< 10	66	< 10	22
531-HBL-085	255 295	< 1	0.34	19	240	< 2	< 2	13	15	0.09	< 10	< 10	110	< 10	22
531-HBL-086	255 295	< 1	0.09	12	300	< 2	< 2	4	15	0.19	< 10	< 10	52	< 10	28
531-HBL-087	255 295	< 1	0.22	3	310	2	< 2	< 1	32	0.04	< 10	< 10	5	< 10	28
531-HBL-088	255 295	< 1	0.11	19	200	< 2	< 2	5	2	0.08	< 10	< 10	44	< 10	14
531-HBL-089	255 295	1	0.12	10	50	< 2	< 2	< 1	61	0.07	< 10	< 10	10	< 10	4
531-HBL-090	255 295	< 1	0.20	10	190	< 2	< 2	4	33	0.16	< 10	< 10	51	< 10	18
531-HBL-091	255 295	< 1	0.21	20	150	< 2	< 2	4	15	0.07	< 10	< 10	39	< 10	14
531-HBL-092	255 295	< 1	0.26	19	220	< 2	< 2	9	12	0.09	< 10	< 10	132	< 10	22
531-HBL-093	255 295	< 1	0.34	21	260	< 2	< 2	5	25	0.10	< 10	< 10	64	< 10	24
531-HBL-094	255 295	< 1	0.19	16	260	< 2	< 2	7	9	0.12	< 10	< 10	96	< 10	18
531-HBL-095	255 295	< 1	0.16	52	350	< 2	< 2	6	3	0.19	< 10	< 10	72	< 10	20
531-HBL-096	255 295	< 1	0.16	57	370	< 2	< 2	9	7	0.18	< 10	< 10	103	< 10	48
531-HBL-097	255 295	< 1	0.11	44	180	< 2	< 2	5	7	0.16	< 10	< 10	57	< 10	20
531-HBL-098	255 295	< 1	0.16	56	250	< 2	< 2	9	11	0.13	< 10	< 10	104	< 10	38
531-HBL-099	255 295	< 1	0.35	90	300	< 2	< 2	2	41	0.12	< 10	< 10	62	< 10	32

CERTIFICATION:

*Stuart Deveau*



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## CERTIFICATE OF ANALYSIS

### A9520102

SAMPLE	PREP		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		RUSH	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-WH-007	255	295	9050	0.2	3.53	4470	80	< 0.5	< 2	4.83	< 0.5	31	179	208	5.59	10	< 1	0.70	< 10	3.04	685
531-WH-012	255	295	75	0.4	3.01	88	10	< 0.5	2	0.21	< 0.5	32	2070	80	4.19	< 10	< 1	< 0.01	< 10	5.22	290
531-WH-013	255	295	60	< 0.2	3.65	32	< 10	< 0.5	< 2	2.65	< 0.5	43	163	88	5.71	< 10	< 1	0.02	< 10	2.88	905
531-WH-014	255	295	15	< 0.2	3.43	6	40	< 0.5	4	1.86	< 0.5	39	158	96	5.55	< 10	< 1	0.11	< 10	2.34	730
531-WH-015	255	295	20	< 0.2	1.50	4	10	< 0.5	< 2	1.66	< 0.5	35	119	115	2.90	< 10	< 1	0.02	< 10	1.24	470
531-WH-016	255	295	10	< 0.2	2.98	8	< 10	< 0.5	8	2.39	< 0.5	25	134	89	3.84	< 10	< 1	0.01	< 10	1.86	705
531-WH-017	255	295	15	< 0.2	2.98	16	10	< 0.5	4	1.81	< 0.5	24	172	130	4.35	< 10	< 1	< 0.01	< 10	2.41	610
531-WH-018	255	295	25	< 0.2	2.54	6	60	< 0.5	< 2	1.34	< 0.5	22	81	138	4.19	< 10	< 1	< 0.01	< 10	1.95	595
531-WH-019	255	295	10	< 0.2	3.11	14	70	< 0.5	2	1.44	< 0.5	29	109	116	5.08	< 10	< 1	0.18	< 10	2.63	750
531-WH-020	255	295	15	< 0.2	2.46	20	10	< 0.5	< 2	1.08	< 0.5	27	17	83	4.06	< 10	< 1	0.01	< 10	2.08	615
531-WH-021	255	295	15	< 0.2	4.32	6	< 10	< 0.5	< 2	4.03	< 0.5	35	272	136	6.36	10	1	0.03	< 10	4.15	970
531-WH-022	255	295	20	< 0.2	0.30	18	< 10	< 0.5	4	13.75	< 0.5	13	31	32	4.74	< 10	1	0.01	< 10	7.22	1910
531-WH-023	255	295	15	0.2	4.89	6	30	< 0.5	2	6.07	< 0.5	39	379	77	6.54	< 10	1	0.33	< 10	4.61	1325
531-WH-024	255	295	10	< 0.2	5.05	12	10	< 0.5	4	4.76	< 0.5	34	244	97	6.52	10	1	0.02	< 10	4.67	750
531-WH-025	255	295	15	< 0.2	1.67	2	< 10	< 0.5	< 2	3.70	< 0.5	22	165	135	2.49	< 10	< 1	< 0.01	< 10	1.40	600
531-WH-026	255	295	20	< 0.2	3.80	8	< 10	< 0.5	2	5.41	< 0.5	36	281	141	5.63	< 10	< 1	< 0.01	< 10	3.57	810
531-WH-027	255	295	10	< 0.2	2.67	6	40	< 0.5	< 2	1.94	< 0.5	29	238	149	4.06	< 10	< 1	0.17	< 10	2.56	655
531-WH-028	255	295	5	< 0.2	2.32	4	30	< 0.5	2	1.24	< 0.5	22	96	314	3.64	< 10	< 1	0.05	< 10	1.94	515
531-WH-029	255	295	5	0.2	4.52	22	30	< 0.5	< 2	3.14	< 0.5	36	220	23	6.80	10	< 1	0.23	< 10	3.92	1145
531-WH-030	255	295	10	0.4	2.95	< 2	< 10	< 0.5	2	1.41	< 0.5	24	95	120	3.68	< 10	< 1	0.01	< 10	1.46	530

CERTIFICATION:

*Hart Buehler*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project: 531-REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number : 2-B  
Total Pages : 2  
Certificate Date: 30-JUN-95  
Invoice No. : 19520102  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9520102

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-WH-007	255	295	< 1	0.02	79	140	< 2	< 2	18	32	0.10	< 10	< 10	186	< 10	50
531-WH-012	255	295	< 1	< 0.01	408	160	< 2	< 2	2	1	0.01	< 10	< 10	118	< 10	42
531-WH-013	255	295	< 1	0.05	97	310	< 2	2	11	12	0.12	< 10	< 10	210	< 10	86
531-WH-014	255	295	< 1	0.10	86	300	< 2	< 2	18	14	0.13	< 10	< 10	197	< 10	94
531-WH-015	255	295	< 1	0.06	48	310	< 2	< 2	3	10	0.20	< 10	< 10	43	< 10	34
531-WH-016	255	295	< 1	0.15	65	340	< 2	< 2	4	19	0.31	< 10	< 10	99	< 10	52
531-WH-017	255	295	< 1	0.03	41	400	< 2	< 2	5	17	0.34	< 10	< 10	123	< 10	58
531-WH-018	255	295	< 1	0.03	30	430	< 2	2	4	10	0.42	< 10	< 10	122	< 10	60
531-WH-019	255	295	< 1	0.05	74	400	< 2	< 2	5	12	0.39	< 10	< 10	137	< 10	54
531-WH-020	255	295	< 1	0.03	27	210	< 2	< 2	4	11	0.26	< 10	< 10	108	< 10	44
531-WH-021	255	295	< 1	0.01	93	300	< 2	< 2	11	21	0.41	< 10	< 10	226	< 10	74
531-WH-022	255	295	< 1	< 0.01	32	20	< 2	< 2	3	38	< 0.01	< 10	< 10	67	< 10	40
531-WH-023	255	295	< 1	< 0.01	114	240	< 2	< 2	30	39	0.07	< 10	< 10	232	< 10	78
531-WH-024	255	295	< 1	0.02	64	220	< 2	< 2	30	42	0.04	< 10	< 10	258	< 10	70
531-WH-025	255	295	< 1	0.06	51	250	< 2	< 2	4	19	0.33	< 10	< 10	77	< 10	30
531-WH-026	255	295	< 1	0.04	99	290	< 2	< 2	32	34	0.05	< 10	< 10	244	< 10	70
531-WH-027	255	295	< 1	0.07	77	340	< 2	< 2	4	14	0.35	< 10	< 10	129	< 10	50
531-WH-028	255	295	< 1	0.06	41	470	< 2	< 2	4	13	0.29	< 10	< 10	118	< 10	38
531-WH-029	255	295	< 1	0.01	67	400	< 2	< 2	24	15	0.23	< 10	< 10	297	< 10	78
531-WH-030	255	295	< 1	0.21	74	400	< 2	< 2	3	16	0.25	< 10	< 10	73	< 10	42

CERTIFICATION:

*Hart Bichler*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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POV 1C0

Project : HUMLIN/REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
Total Pages : 2  
Certificate Date: 17-JUL-95  
Invoice No. : 19521369  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9521369

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
531-HBL-082	205	226	< 5	< 0.2	1.07	< 2	10	< 0.5	4	1.04	< 0.5	8	112	7	1.76	< 10	< 1	0.08	< 10	1.04	250
531-HBL-100	205	226	< 5	0.2	1.93	< 2	< 10	< 0.5	< 2	0.94	< 0.5	14	138	47	3.15	< 10	< 1	0.02	< 10	1.28	395
531-HBL-101	205	226	< 5	< 0.2	4.81	14	< 10	< 0.5	< 2	3.73	< 0.5	29	247	92	6.84	< 10	< 1	0.01	< 10	3.94	1030
531-HBL-102	205	226	< 5	< 0.2	2.92	8	< 10	< 0.5	4	1.22	< 0.5	24	137	85	4.15	< 10	3	0.02	< 10	1.95	550
531-HBL-103	205	226	< 5	< 0.2	2.99	< 2	< 10	< 0.5	< 2	1.38	< 0.5	23	151	108	4.31	< 10	< 1	0.01	< 10	2.13	585
531-HBL-104	205	226	< 5	< 0.2	4.60	10	10	< 0.5	< 2	2.22	< 0.5	30	282	27	6.68	< 10	< 1	0.01	< 10	3.98	900
531-HBL-105	205	226	< 5	< 0.2	2.85	< 2	10	< 0.5	< 2	0.41	< 0.5	23	87	102	3.93	< 10	< 1	< 0.01	< 10	2.97	555
531-HBL-106	205	226	< 5	< 0.2	3.86	< 2	30	< 0.5	< 2	0.90	< 0.5	36	70	86	4.29	< 10	< 1	0.02	< 10	3.99	570
531-HBL-107	205	226	< 5	< 0.2	3.41	< 2	30	< 0.5	< 2	1.70	< 0.5	26	413	93	4.46	< 10	1	0.09	< 10	3.36	920
531-HBL-108	205	226	< 5	< 0.2	4.41	< 2	20	< 0.5	< 2	4.18	< 0.5	33	369	71	6.00	< 10	2	0.10	< 10	3.89	890
531-HBL-109	205	226	< 5	< 0.2	4.02	< 2	50	< 0.5	< 2	1.46	< 0.5	37	504	75	7.07	< 10	1	0.13	< 10	4.08	825
531-HBL-110	205	226	< 5	< 0.2	3.01	2	10	< 0.5	< 2	1.15	< 0.5	28	189	117	4.10	< 10	1	0.04	< 10	3.06	595
531-HBL-111	205	226	< 5	< 0.2	1.80	2	10	< 0.5	4	1.76	< 0.5	19	111	80	2.74	< 10	< 1	0.01	< 10	1.47	485
531-HBL-112	205	226	< 5	< 0.2	2.29	6	10	< 0.5	< 2	1.92	< 0.5	23	74	63	4.05	< 10	< 1	0.01	< 10	1.66	550
531-HBL-113	205	226	< 5	< 0.2	2.34	< 2	30	< 0.5	< 2	0.88	< 0.5	20	59	86	3.76	< 10	2	0.10	< 10	1.74	475
531-HBL-114	205	226	< 5	< 0.2	1.30	< 2	< 10	< 0.5	< 2	0.98	< 0.5	23	110	119	2.73	< 10	< 1	0.03	< 10	0.85	360
531-HBL-115	205	226	< 5	< 0.2	1.59	20	40	< 0.5	< 2	8.05	< 0.5	36	767	25	5.77	< 10	< 1	0.03	< 10	5.44	1780
531-HBL-116	205	226	< 5	< 0.2	0.04	< 2	< 10	< 0.5	< 2	14.40	< 0.5	4	35	5	3.63	< 10	< 1	< 0.01	< 10	8.38	1815
531-HBL-117	205	226	< 5	< 0.2	2.64	< 2	20	< 0.5	< 2	3.06	< 0.5	33	138	84	5.00	< 10	< 1	0.08	< 10	1.95	735
531-HBL-118	205	226	< 5	< 0.2	0.83	4	40	< 0.5	< 2	1.03	< 0.5	12	116	26	1.93	< 10	< 1	0.09	< 10	0.48	360
531-HBL-119	205	226	< 5	< 0.2	2.46	< 2	10	< 0.5	< 2	3.10	< 0.5	23	42	64	5.85	10	< 1	0.06	< 10	1.49	790
531-HBL-120	205	226	< 5	< 0.2	2.62	< 2	10	< 0.5	< 2	1.15	< 0.5	29	696	97	4.79	< 10	< 1	0.02	< 10	3.12	450
531-HBL-121	205	226	< 5	< 0.2	2.60	12	20	< 0.5	< 2	2.23	< 0.5	23	142	92	3.75	< 10	< 1	0.02	< 10	1.32	700
531-HBL-122	205	226	< 5	< 0.2	4.48	10	< 10	< 0.5	< 2	0.89	< 0.5	29	201	63	6.51	< 10	< 1	0.02	< 10	3.76	835
531-HBL-123	205	226	< 5	< 0.2	2.07	12	< 10	< 0.5	2	2.43	< 0.5	27	130	103	3.57	< 10	< 1	0.01	< 10	1.43	850
531-HBL-124	205	226	< 5	< 0.2	2.25	< 2	30	< 0.5	2	0.69	< 0.5	22	83	106	3.94	< 10	< 1	0.07	< 10	1.83	520
531-HBL-125	205	226	< 5	< 0.2	2.21	< 2	10	< 0.5	6	1.05	< 0.5	19	231	72	3.60	< 10	< 1	0.02	< 10	2.07	500
531-HBL-126	205	226	< 5	< 0.2	2.50	< 2	10	< 0.5	< 2	1.76	< 0.5	22	204	114	3.84	< 10	< 1	0.02	< 10	2.15	650
531-HBL-127	205	226	< 5	< 0.2	4.27	< 2	70	< 0.5	< 2	4.40	< 0.5	31	269	120	6.85	10	< 1	0.40	< 10	3.20	655
531-HBL-128	205	226	140	< 0.2	0.20	58	< 10	< 0.5	< 2	8.12	< 0.5	10	73	39	3.10	< 10	< 1	0.07	< 10	3.93	900
531-HBL-129	205	226	< 5	< 0.2	3.98	< 2	10	< 0.5	< 2	4.80	< 0.5	31	338	114	5.97	< 10	< 1	0.01	< 10	3.56	965
531-HBL-130	205	226	20	< 0.2	1.54	12	30	< 0.5	< 2	0.23	< 0.5	10	167	74	2.88	< 10	< 1	0.14	< 10	0.90	215
531-HBL-131	205	226	< 5	< 0.2	1.26	4	< 10	< 0.5	2	0.70	< 0.5	16	142	52	1.95	< 10	1	0.01	< 10	0.92	345
531-HBL-132	205	226	< 5	< 0.2	1.95	< 2	< 10	< 0.5	< 2	0.77	< 0.5	19	93	70	3.07	< 10	1	< 0.01	< 10	1.45	390
531-HBL-133	205	226	< 5	< 0.2	3.15	6	10	< 0.5	< 2	0.94	< 0.5	27	69	77	5.02	< 10	< 1	0.06	< 10	2.23	625
531-HBL-134	205	226	< 5	< 0.2	5.19	20	10	< 0.5	< 2	0.24	< 0.5	33	183	177	10.65	10	< 1	0.04	< 10	3.70	1090
531-HBL-135	205	226	< 5	< 0.2	2.82	< 2	10	< 0.5	< 2	0.81	< 0.5	25	59	116	4.69	< 10	< 1	0.02	< 10	2.01	585
531-HBL-136	205	226	< 5	< 0.2	1.66	14	10	< 0.5	< 2	0.86	< 0.5	22	174	75	2.62	< 10	< 1	< 0.01	< 10	1.37	445
531-HBL-137	205	226	< 5	< 0.2	2.25	4	10	< 0.5	2	0.75	< 0.5	17	140	51	3.27	< 10	1	0.01	< 10	1.77	400
531-HBL-138	205	226	< 5	< 0.2	4.23	< 2	10	< 0.5	2	1.47	< 0.5	33	138	81	6.18	< 10	< 1	0.01	< 10	3.62	800

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project: HUMLIN/REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
Total Pages : 2  
Certificate Date: 17-JUL-95  
Invoice No. : 19521369  
P.O. Number :  
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## CERTIFICATE OF ANALYSIS

### A9521369

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-082	205 226	< 1	0.09	17	190	< 2	2	7	3	0.19	< 10	< 10	66	< 10	18
531-HBL-100	205 226	< 1	0.10	39	260	6	2	4	7	0.30	< 10	< 10	74	10	36
531-HBL-101	205 226	< 1	0.01	78	310	< 2	6	21	17	0.29	< 10	< 10	240	30	82
531-HBL-102	205 226	< 1	0.12	70	300	8	2	4	14	0.32	< 10	< 10	98	10	50
531-HBL-103	205 226	< 1	0.10	75	290	2	2	3	14	0.28	< 10	< 10	91	10	52
531-HBL-104	205 226	< 1	0.02	97	360	6	6	25	8	0.43	< 10	< 10	284	20	84
531-HBL-105	205 226	< 1	0.02	120	210	6	2	2	1	0.24	< 10	< 10	76	10	60
531-HBL-106	205 226	< 1	0.07	234	170	4	2	2	14	0.14	< 10	< 10	65	10	56
531-HBL-107	205 226	< 1	0.03	71	280	2	2	34	13	0.27	< 10	< 10	277	10	54
531-HBL-108	205 226	< 1	0.01	84	220	4	2	31	25	0.17	< 10	< 10	228	30	66
531-HBL-109	205 226	< 1	0.01	111	250	12	4	18	22	0.32	< 10	< 10	222	20	72
531-HBL-110	205 226	< 1	0.02	123	220	2	< 2	2	14	0.27	< 10	< 10	92	10	50
531-HBL-111	205 226	2	0.04	30	280	2	4	4	13	0.23	< 10	< 10	61	10	36
531-HBL-112	205 226	< 1	0.06	37	400	6	6	6	22	0.11	< 10	< 10	114	10	60
531-HBL-113	205 226	< 1	0.07	59	280	4	< 2	4	11	0.27	< 10	< 10	82	10	44
531-HBL-114	205 226	< 1	0.11	61	270	2	4	10	2	0.13	< 10	< 10	97	< 10	40
531-HBL-115	205 226	< 1	< 0.01	477	100	2	4	11	77	0.01	< 10	< 10	79	40	26
531-HBL-116	205 226	< 1	0.01	25	< 10	2	4	1	24	< 0.01	< 10	< 10	13	30	20
531-HBL-117	205 226	< 1	0.09	88	340	10	2	15	8	0.07	< 10	< 10	152	20	70
531-HBL-118	205 226	2	0.09	15	320	< 2	4	7	1	0.14	< 10	< 10	74	< 10	22
531-HBL-119	205 226	< 1	0.16	17	630	4	6	13	13	0.08	< 10	< 10	180	20	76
531-HBL-120	205 226	< 1	0.02	143	190	< 2	< 2	2	12	0.05	< 10	< 10	137	10	34
531-HBL-121	205 226	< 1	0.16	63	320	< 2	< 2	6	20	0.32	< 10	< 10	98	10	46
531-HBL-122	205 226	< 1	0.04	103	340	4	2	6	11	0.34	< 10	< 10	152	20	78
531-HBL-123	205 226	< 1	0.04	58	210	6	4	4	12	0.26	< 10	< 10	80	10	54
531-HBL-124	205 226	< 1	0.03	55	420	8	< 2	3	9	0.35	< 10	< 10	101	10	48
531-HBL-125	205 226	< 1	0.03	59	230	6	4	2	5	0.42	< 10	< 10	106	10	48
531-HBL-126	205 226	< 1	0.02	64	220	6	2	3	21	0.30	< 10	< 10	84	10	54
531-HBL-127	205 226	< 1	0.02	62	290	10	6	29	45	0.08	< 10	< 10	274	20	78
531-HBL-128	205 226	< 1	0.01	28	70	4	6	2	30	< 0.01	< 10	< 10	19	20	20
531-HBL-129	205 226	< 1	0.01	86	280	8	4	30	30	0.25	< 10	< 10	215	20	70
531-HBL-130	205 226	< 1	< 0.01	46	300	2	2	3	2	0.04	< 10	< 10	45	< 10	30
531-HBL-131	205 226	< 1	0.02	30	160	< 2	2	3	5	0.19	< 10	< 10	45	< 10	24
531-HBL-132	205 226	< 1	0.02	30	190	4	2	3	8	0.24	< 10	< 10	57	< 10	34
531-HBL-133	205 226	< 1	0.08	46	310	2	2	3	10	0.24	< 10	< 10	94	10	52
531-HBL-134	205 226	< 1	0.01	57	290	8	6	39	1	0.21	< 10	< 10	298	20	222
531-HBL-135	205 226	< 1	0.04	51	350	2	< 2	3	12	0.23	< 10	< 10	86	10	54
531-HBL-136	205 226	1	0.04	34	160	2	2	4	10	0.23	< 10	< 10	63	< 10	32
531-HBL-137	205 226	3	0.06	31	140	2	4	3	9	0.23	< 10	< 10	66	10	44
531-HBL-138	205 226	< 1	0.02	49	180	12	2	8	8	0.26	< 10	< 10	134	20	68

CERTIFICATION:

*Stuart Deveau*



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## CERTIFICATE OF ANALYSIS

### A9521369

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
	FA+AA																				
531-HBL-139	205	226	< 5	< 0.2	2.29	< 2	10	< 0.5	< 2	1.12	< 0.5	18	119	55	3.26	< 10	< 1	< 0.01	< 10	1.74	515
531-HBL-140	205	226	< 5	< 0.2	1.37	4	< 10	< 0.5	2	1.08	< 0.5	13	138	74	1.98	< 10	< 1	0.01	< 10	0.88	290
531-HBL-141	205	226	< 5	< 0.2	2.00	< 2	40	< 0.5	4	2.14	< 0.5	22	183	107	3.23	< 10	< 1	0.01	< 10	1.83	645
531-HBL-142	205	226	< 5	< 0.2	5.35	8	60	< 0.5	< 2	2.34	< 0.5	23	298	71	3.70	10	< 1	1.00	< 10	2.49	340
531-HBL-143	205	226	< 5	< 0.2	2.56	< 2	30	< 0.5	< 2	3.00	< 0.5	26	196	140	4.33	< 10	< 1	0.10	< 10	2.55	600
531-HBL-144	205	226	< 5	< 0.2	5.69	< 2	20	< 0.5	< 2	1.82	< 0.5	33	383	117	6.31	10	< 1	0.31	< 10	2.93	570
531-HBL-145	205	226	< 5	< 0.2	2.11	< 2	20	< 0.5	< 2	0.88	< 0.5	18	110	85	2.92	< 10	< 1	< 0.01	< 10	1.61	360
531-HBL-146	205	226	< 5	< 0.2	1.45	< 2	10	< 0.5	< 2	1.31	< 0.5	12	116	98	2.05	< 10	< 1	0.01	< 10	0.98	335
531-HBL-147	205	226	< 5	< 0.2	1.68	< 2	10	< 0.5	< 2	1.77	< 0.5	21	191	115	3.19	< 10	< 1	0.01	< 10	1.43	555
531-HBL-148	205	226	< 5	< 0.2	4.10	< 2	100	< 0.5	< 2	5.56	< 0.5	34	334	145	6.01	< 10	< 1	0.38	< 10	3.29	795
531-HBL-149	205	226	< 5	< 0.2	0.79	2	< 10	< 0.5	4	0.53	< 0.5	11	100	99	1.32	< 10	< 1	< 0.01	< 10	0.58	210
531-HBL-150	205	226	< 5	< 0.2	1.51	< 2	< 10	< 0.5	2	0.87	< 0.5	13	75	61	1.73	< 10	< 1	0.02	< 10	1.13	275
531-HBL-151	205	226	< 5	< 0.2	3.06	4	10	< 0.5	< 2	0.63	< 0.5	26	83	92	4.49	< 10	< 1	< 0.01	< 10	2.55	680
531-HBL-152	205	226	< 5	< 0.2	4.63	< 2	20	< 0.5	< 2	1.96	< 0.5	34	141	85	7.71	< 10	1	0.13	< 10	3.32	1135
531-HBL-153	205	226	< 5	< 0.2	2.28	< 2	< 10	< 0.5	< 2	2.29	< 0.5	24	57	143	3.83	< 10	1	0.03	< 10	1.41	630
531-SWD-001	205	226	< 5	< 0.2	1.54	< 2	< 10	< 0.5	< 2	0.78	< 0.5	15	74	115	2.57	< 10	< 1	0.02	< 10	1.17	305
531-SWD-002	205	226	< 5	< 0.2	0.75	< 2	10	< 0.5	< 2	2.13	< 0.5	6	121	33	1.39	< 10	< 1	0.02	< 10	0.58	420
531-SWD-003	205	226	< 5	< 0.2	1.58	< 2	< 10	< 0.5	< 2	0.98	< 0.5	12	65	139	1.90	< 10	< 1	0.01	< 10	0.78	280
531-SWD-004	205	226	< 5	< 0.2	1.48	< 2	< 10	< 0.5	< 2	1.34	< 0.5	19	124	150	2.84	< 10	< 1	0.04	< 10	1.09	335
531-SWD-005	205	226	< 5	< 0.2	3.03	6	10	< 0.5	4	0.82	< 0.5	26	143	97	5.09	< 10	< 1	0.03	< 10	2.57	545
531-SWD-006	205	226	< 5	< 0.2	2.56	< 2	< 10	< 0.5	2	1.32	< 0.5	17	56	145	2.57	< 10	< 1	0.01	< 10	1.08	275
531-SWD-007	205	226	< 5	< 0.2	1.99	< 2	20	< 0.5	2	1.17	< 0.5	12	72	119	2.64	< 10	1	0.02	< 10	1.18	330
531-SWD-008	205	226	< 5	< 0.2	1.92	< 2	< 10	< 0.5	< 2	0.85	< 0.5	29	125	152	3.54	< 10	< 1	0.01	< 10	1.58	425

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project: HUMLIN/REDRUTH  
Comments: ATTN: STUART DEVEAU

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Total Pages : 2  
Certificate Date: 17-JUL-95  
Invoice No. : 19521369  
P.O. Number :  
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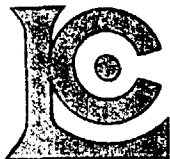
## CERTIFICATE OF ANALYSIS

### A9521369

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-139	205 226	< 1	0.03	32	140	< 2	2	4	7	0.30	< 10	< 10	68	10	48
531-HBL-140	205 226	< 1	0.04	25	160	6	2	5	15	0.30	< 10	< 10	61	< 10	26
531-HBL-141	205 226	< 1	0.06	54	310	8	2	6	13	0.32	< 10	< 10	89	10	42
531-HBL-142	205 226	1	0.31	82	330	8	< 2	24	28	0.11	< 10	< 10	190	10	42
531-HBL-143	205 226	< 1	0.06	58	270	< 2	2	4	10	0.07	< 10	< 10	119	10	58
531-HBL-144	205 226	< 1	0.34	100	310	8	4	34	30	0.08	< 10	< 10	262	20	60
531-HBL-145	205 226	< 1	0.02	48	220	2	2	3	10	0.22	< 10	< 10	67	10	34
531-HBL-146	205 226	1	0.02	37	170	< 2	< 2	2	17	0.20	< 10	< 10	49	< 10	26
531-HBL-147	205 226	< 1	0.05	57	230	4	2	7	18	0.21	< 10	< 10	88	10	36
531-HBL-148	205 226	< 1	0.01	89	280	6	2	25	25	0.18	< 10	< 10	238	20	70
531-HBL-149	205 226	1	0.02	23	140	< 2	< 2	2	4	0.17	< 10	< 10	35	< 10	16
531-HBL-150	205 226	< 1	0.03	34	120	2	< 2	2	13	0.19	< 10	< 10	47	< 10	18
531-HBL-151	205 226	1	0.02	42	180	12	< 2	3	7	0.26	< 10	< 10	92	10	84
531-HBL-152	205 226	< 1	0.04	68	350	14	2	11	12	0.24	< 10	< 10	208	20	90
531-HBL-153	205 226	< 1	0.09	50	330	2	4	4	14	0.22	< 10	< 10	76	10	42
531-SWD-001	205 226	< 1	0.07	43	230	4	< 2	6	5	0.13	< 10	< 10	79	< 10	30
531-SWD-002	205 226	< 1	0.04	14	40	< 2	< 2	1	8	0.02	< 10	< 10	39	< 10	14
531-SWD-003	205 226	< 1	0.14	37	230	< 2	< 2	3	14	0.11	< 10	< 10	53	< 10	22
531-SWD-004	205 226	< 1	0.15	49	270	< 2	2	10	4	0.14	< 10	< 10	106	< 10	40
531-SWD-005	205 226	< 1	0.08	42	280	6	2	9	8	0.21	< 10	< 10	110	10	54
531-SWD-006	205 226	< 1	0.26	52	340	2	2	3	19	0.17	< 10	< 10	69	< 10	32
531-SWD-007	205 226	< 1	0.15	34	230	6	< 2	6	16	0.22	< 10	< 10	85	< 10	28
531-SWD-008	205 226	< 1	0.08	89	270	2	< 2	8	2	0.20	< 10	< 10	114	10	54

CERTIFICATION:

*Stuart Deveau*



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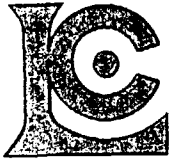
Project: HUMLIN/REDRUTH  
Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number :1-A  
Total Pages :1  
Certificate Date: 19-JUL-95  
Invoice No. :19521469  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9521469

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HBL-154	205 226	< 5 < 0.2	2.38	2	60	< 0.5	< 2	1.11	< 0.5	26	105	25	3.89	< 10	< 1	0.04	< 10	2.41	1920	
531-HBL-155	205 226	< 5 < 0.2	4.30	2	140	< 0.5	< 2	3.54	< 0.5	34	364	130	6.35	< 10	< 1	0.51	< 10	3.77	940	
531-HBL-156	205 226	10 < 0.2	5.08	2	180	< 0.5	4	2.75	< 0.5	18	396	194	4.36	10	< 1	1.63	< 10	2.96	545	
531-HBL-157	205 226	< 5 < 0.2	3.82	2	10	< 0.5	< 2	1.13	< 0.5	31	67	76	5.06	< 10	< 1	0.07	< 10	3.61	595	
531-HBL-158	205 226	< 5 < 0.2	2.92	2	50	< 0.5	< 2	1.55	< 0.5	26	125	120	4.24	< 10	< 1	0.34	< 10	2.51	530	
531-HBL-159	205 226	< 5 < 0.2	7.29	2	280	< 0.5	< 2	1.46	< 0.5	38	501	119	7.82	10	< 1	2.47	< 10	3.35	360	
531-HBL-160	205 226	< 5 < 0.2	0.95	2	20	< 0.5	< 2	3.00	< 0.5	11	100	78	1.27	< 10	< 1	0.23	< 10	1.58	310	
531-HBL-161	205 226	< 5 < 0.2	1.44	2	10	< 0.5	< 2	1.26	< 0.5	17	145	79	2.33	< 10	< 1	0.02	< 10	1.27	360	
531-HBL-162	205 226	< 5 < 0.2	1.12	2	10	< 0.5	< 2	1.27	< 0.5	14	118	99	2.02	< 10	< 1	0.01	< 10	0.98	325	
531-HBL-163	205 226	< 5 < 0.2	0.03	2	< 10	< 0.5	< 2	14.65	< 0.5	2	18	4	2.97	< 10	< 1	< 0.01	< 10	8.60	1225	
531-HBL-164	205 226	30 < 0.2	3.30	50	10	< 0.5	< 2	2.40	< 0.5	22	211	32	1.49	< 10	< 1	0.27	< 10	1.34	430	
531-HBL-165	205 226	< 5 < 0.2	4.48	2	20	< 0.5	2	5.53	0.5	35	358	136	6.21	10	< 1	0.10	< 10	4.21	905	
531-HBL-166	205 226	< 5 < 0.2	2.36	2	< 10	< 0.5	< 2	2.06	< 0.5	25	147	145	4.93	10	< 1	0.02	< 10	2.44	465	
531-HBL-167	205 226	< 5 < 0.2	1.84	2	< 10	< 0.5	< 2	1.25	< 0.5	20	165	156	3.01	< 10	< 1	0.01	< 10	1.62	390	
531-HBL-168	205 226	< 5 < 0.2	6.17	2	20	< 0.5	< 2	4.17	0.5	33	342	7	6.97	10	< 1	0.32	< 10	3.95	1310	
531-HBL-169	205 226	< 5 < 0.2	4.67	2	60	< 0.5	< 2	2.98	< 0.5	32	200	116	6.58	< 10	< 1	0.12	< 10	4.19	1145	
531-HBL-170	205 226	< 5 < 0.2	2.80	2	< 10	< 0.5	< 2	1.87	< 0.5	14	68	131	2.74	< 10	< 1	0.02	< 10	1.35	325	
531-HBL-171	205 226	< 5 < 0.2	1.66	20	20	< 0.5	4	1.18	< 0.5	20	23	168	3.24	< 10	< 1	0.02	< 10	1.13	370	
531-HBL-172	205 226	30 < 0.2	2.24	2	160	< 0.5	< 2	0.68	< 0.5	26	100	246	3.53	< 10	< 1	1.23	< 10	1.96	325	
531-HBL-173	205 226	< 5 < 0.2	5.77	2	50	< 0.5	< 2	3.89	< 0.5	12	156	62	2.14	< 10	1	0.63	< 10	1.50	295	
531-HBL-174	205 226	< 5 < 0.2	1.43	2	10	< 0.5	< 2	0.82	< 0.5	12	77	127	1.91	< 10	< 1	0.01	< 10	0.96	250	
531-HBL-175	205 226	< 5 < 0.2	1.36	2	20	< 0.5	< 2	0.95	< 0.5	12	63	106	2.28	< 10	< 1	0.12	< 10	1.12	275	
531-HBL-176	205 226	< 5 < 0.2	0.81	40	< 10	< 0.5	4	1.94	< 0.5	22	70	123	1.11	< 10	< 1	0.01	< 10	0.44	275	
531-HBL-177	205 226	15 < 0.2	1.38	2	< 10	< 0.5	< 2	1.35	< 0.5	11	82	255	2.00	< 10	< 1	0.02	< 10	0.85	300	
531-HBL-178	205 226	< 5 < 0.2	1.23	4	20	< 0.5	2	1.25	< 0.5	15	80	114	2.07	< 10	< 1	0.01	< 10	0.89	295	
531-HBL-179	205 226	< 5 < 0.2	1.87	2	30	< 0.5	< 2	1.48	< 0.5	7	83	8	1.23	< 10	< 1	0.18	< 10	0.76	180	
531-HBL-180	205 226	< 5 < 0.2	1.06	2	10	< 0.5	< 2	1.88	< 0.5	6	50	71	0.82	< 10	< 1	0.01	< 10	0.41	135	
531-HBL-181	205 226	< 5 < 0.2	0.78	2	< 10	< 0.5	< 2	1.06	< 0.5	5	61	46	1.26	< 10	< 1	0.04	< 10	0.69	190	
531-HBL-182	205 226	< 5 < 0.2	1.88	2	10	< 0.5	< 2	1.68	< 0.5	8	60	99	1.42	< 10	< 1	0.02	< 10	0.75	225	
531-HBL-183	205 226	< 5 < 0.2	2.06	2	10	< 0.5	< 2	1.65	< 0.5	6	151	78	1.10	< 10	< 1	0.09	< 10	0.73	150	
531-HBL-184	205 226	< 5 < 0.2	5.31	2	110	< 0.5	< 2	3.06	< 0.5	11	211	5	1.85	< 10	< 1	0.95	< 10	1.53	175	

CERTIFICATION: Howard Langier



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To: PLACER DOME CANADA LIMITED

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 BALMERTOWN, ON  
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 Account :GKQ

Project : HUMLIN/REDRUTH  
 Comments: ATTN: STUART DEVEAU

CC: HOWARD LANGIER

## CERTIFICATE OF ANALYSIS

## A9521469

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-154	205 226	< 1	0.06	41	240	18	4	5	8	0.04	< 10	< 10	86	< 10	36
531-HBL-155	205 226	2	0.02	92	260	292	14	24	18	0.27	< 10	< 10	217	10	74
531-HBL-156	205 226	< 1	0.24	56	280	40	2	32	32	0.18	< 10	< 10	235	10	42
531-HBL-157	205 226	1	0.06	134	310	236	12	5	10	0.16	< 10	< 10	125	10	58
531-HBL-158	205 226	< 1	0.07	67	280	2	4	6	19	0.10	< 10	< 10	129	10	50
531-HBL-159	205 226	1	0.26	112	290	168	6	47	32	0.25	< 10	< 10	343	30	70
531-HBL-160	205 226	1	0.08	30	150	126	20	2	16	< 0.01	< 10	< 10	21	< 10	10
531-HBL-161	205 226	1	0.07	44	230	86	8	4	6	0.08	< 10	< 10	60	< 10	32
531-HBL-162	205 226	2	0.08	37	210	188	8	4	7	0.11	< 10	< 10	51	< 10	28
531-HBL-163	205 226	< 1	0.01	13	60	84	22	3	49	< 0.01	< 10	< 10	14	20	22
531-HBL-164	205 226	< 1	0.31	37	240	42	10	12	24	0.01	< 10	< 10	139	< 10	14
531-HBL-165	205 226	< 1	0.01	91	290	2	2	31	21	0.07	< 10	< 10	228	20	70
531-HBL-166	205 226	< 1	0.05	46	330	< 2	4	3	20	0.06	< 10	< 10	148	10	46
531-HBL-167	205 226	< 1	0.07	65	270	14	< 2	4	5	0.18	< 10	< 10	60	< 10	42
531-HBL-168	205 226	< 1	0.09	80	370	54	4	30	14	0.08	< 10	< 10	288	20	76
531-HBL-169	205 226	< 1	0.01	55	290	6	2	26	13	0.26	< 10	< 10	238	20	84
531-HBL-170	205 226	< 1	0.27	26	290	26	2	7	24	0.13	< 10	< 10	80	< 10	26
531-HBL-171	205 226	< 1	0.13	17	400	8	4	8	9	0.12	< 10	< 10	116	< 10	34
531-HBL-172	205 226	< 1	0.11	40	390	2	2	9	4	0.15	< 10	< 10	121	< 10	46
531-HBL-173	205 226	< 1	0.27	24	390	58	< 2	12	54	0.12	< 10	< 10	105	< 10	22
531-HBL-174	205 226	< 1	0.12	24	230	14	< 2	4	17	0.09	< 10	< 10	62	< 10	24
531-HBL-175	205 226	1	0.11	27	270	132	8	5	6	0.09	< 10	< 10	76	< 10	26
531-HBL-176	205 226	< 1	0.10	22	210	< 2	< 2	4	6	0.15	< 10	< 10	48	< 10	14
531-HBL-177	205 226	1	0.13	20	280	76	4	7	9	0.11	< 10	< 10	66	< 10	22
531-HBL-178	205 226	< 1	0.13	22	240	6	< 2	8	7	0.15	< 10	< 10	76	< 10	26
531-HBL-179	205 226	< 1	0.29	22	170	16	2	4	27	0.11	< 10	< 10	43	< 10	10
531-HBL-180	205 226	< 1	0.05	15	160	4	< 2	3	16	0.21	< 10	< 10	40	< 10	22
531-HBL-181	205 226	< 1	0.13	13	160	6	< 2	6	2	0.15	< 10	< 10	54	< 10	12
531-HBL-182	205 226	< 1	0.27	14	200	80	2	7	28	0.08	< 10	< 10	49	< 10	16
531-HBL-183	205 226	1	0.27	19	140	180	8	5	20	0.11	< 10	< 10	43	< 10	10
531-HBL-184	205 226	< 1	0.21	38	230	4	< 2	4	42	0.15	< 10	< 10	66	< 10	16

CERTIFICATION:

*Howard Bichler*



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Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

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 Account : GKQ

## CERTIFICATE OF ANALYSIS

## A9522399

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
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531-HBL-186	205 226	< 5	< 0.2	2.23	2	< 10	< 0.5	2	0.88	< 0.5	17	76	123	3.11	< 10	1	0.01	< 10	1.44	350
531-HBL-187	205 226	< 5	< 0.2	2.07	< 2	< 10	< 0.5	< 2	0.61	< 0.5	18	45	3	3.29	< 10	< 1	0.01	< 10	1.81	335
531-HBL-188	205 226	< 5	< 0.2	1.93	28	20	< 0.5	< 2	1.55	< 0.5	24	80	116	2.13	< 10	< 1	0.13	< 10	0.89	285
531-HBL-189	205 226	< 5	< 0.2	2.68	< 2	10	< 0.5	< 2	0.83	< 0.5	32	88	219	3.88	< 10	< 1	0.07	< 10	1.92	295
531-HBL-190	205 226	< 5	< 0.2	2.72	< 2	100	< 0.5	6	1.17	< 0.5	43	123	388	3.97	< 10	< 1	0.52	< 10	1.67	260
531-HBL-191	205 226	70	0.6	3.35	220	20	0.5	< 2	1.57	0.5	33	71	143	8.02	10	< 1	0.82	< 10	1.17	160
531-HBL-192	205 226	< 5	< 0.2	3.48	12	< 10	< 0.5	2	1.40	< 0.5	25	118	77	3.96	< 10	1	0.02	< 10	1.56	345
531-HBL-193	205 226	< 5	< 0.2	0.36	10	20	< 0.5	< 2	0.24	< 0.5	6	114	66	1.63	< 10	< 1	0.12	< 10	0.10	70
531-HBL-194	205 226	< 5	< 0.2	1.97	2	< 10	< 0.5	< 2	1.14	< 0.5	14	61	121	2.29	< 10	< 1	< 0.01	< 10	0.93	250
531-HBL-195	205 226	< 5	< 0.2	1.35	2	50	< 0.5	< 2	0.62	< 0.5	12	47	42	2.08	< 10	< 1	0.16	< 10	1.04	250
531-HBL-196	205 226	< 5	< 0.2	3.05	< 2	20	< 0.5	< 2	1.99	< 0.5	7	45	116	1.24	< 10	< 1	0.09	< 10	0.79	170
531-HBL-197	205 226	< 5	< 0.2	3.84	4	180	< 0.5	2	0.78	< 0.5	21	213	1	3.23	10	< 1	1.98	< 10	3.26	185
531-HBL-198	205 226	< 5	< 0.2	4.86	< 2	70	< 0.5	< 2	3.99	< 0.5	20	109	< 1	3.16	10	< 1	1.35	< 10	2.35	375
531-HBL-199	205 226	< 5	< 0.2	0.37	14	< 10	< 0.5	2	14.00	< 0.5	15	4	1	4.57	< 10	< 1	0.02	< 10	7.20	2750
531-HBL-200	205 226	< 5	< 0.2	0.62	< 2	10	< 0.5	< 2	0.87	< 0.5	6	48	100	0.95	< 10	< 1	0.02	< 10	0.47	160
531-HBL-201	205 226	< 5	< 0.2	1.38	< 2	< 10	< 0.5	< 2	1.29	< 0.5	11	83	101	2.10	< 10	< 1	0.07	< 10	1.21	300
531-HBL-202	205 226	< 5	< 0.2	2.07	< 2	10	< 0.5	< 2	3.71	< 0.5	30	559	89	2.88	< 10	< 1	0.02	< 10	2.14	540
531-HBL-203	205 226	< 5	< 0.2	1.71	< 2	30	< 0.5	< 2	0.95	< 0.5	21	505	63	2.05	< 10	1	0.03	< 10	1.78	335
531-HBL-204	205 226	< 5	< 0.2	2.36	4	20	< 0.5	2	0.61	< 0.5	22	228	159	3.52	< 10	< 1	0.01	< 10	2.29	300
531-HBL-205	205 226	< 5	< 0.2	0.67	< 2	20	< 0.5	< 2	0.91	< 0.5	7	85	96	1.11	< 10	< 1	0.01	< 10	0.53	170
531-HBL-206	205 226	< 5	< 0.2	2.23	2	20	< 0.5	2	0.52	< 0.5	40	954	76	2.87	< 10	< 1	0.02	< 10	2.89	330
531-HBL-207	205 226	< 5	< 0.2	1.28	< 2	10	< 0.5	2	0.58	< 0.5	14	126	110	2.07	< 10	< 1	0.02	< 10	1.30	190
531-HBL-208	205 226	< 5	< 0.2	2.22	2	10	< 0.5	< 2	0.83	< 0.5	15	137	26	3.11	< 10	< 1	0.04	< 10	2.14	425
531-HBL-209	205 226	< 5	< 0.2	5.21	< 2	200	< 0.5	< 2	3.04	< 0.5	13	94	16	2.08	< 10	< 1	0.73	< 10	1.18	180
531-HBL-210	205 226	< 5	< 0.2	2.47	< 2	40	< 0.5	< 2	1.04	< 0.5	15	82	156	2.36	< 10	< 1	0.28	< 10	1.43	255
531-HBL-211	205 226	< 5	< 0.2	0.40	2	< 10	< 0.5	2	9.96	< 0.5	2	42	54	0.47	< 10	< 1	0.01	< 10	0.30	435
531-HBL-212	205 226	< 5	< 0.2	1.22	8	< 10	< 0.5	< 2	0.88	< 0.5	12	72	105	1.49	< 10	< 1	0.01	< 10	0.50	255
531-HBL-213	205 226	< 5	< 0.2	0.84	4	< 10	< 0.5	< 2	1.25	< 0.5	10	62	126	1.29	< 10	< 1	0.01	< 10	0.41	265
531-HBL-214	205 226	< 5	< 0.2	1.43	42	< 10	< 0.5	< 2	1.16	< 0.5	25	49	127	1.49	< 10	< 1	0.01	< 10	0.65	190
531-HBL-215	205 226	< 5	< 0.2	1.87	2	< 10	< 0.5	2	0.14	< 0.5	10	124	44	3.43	< 10	< 1	0.01	< 10	1.41	385
531-HBL-216	205 226	< 5	< 0.2	1.68	4	< 10	< 0.5	2	0.46	< 0.5	19	111	53	2.85	< 10	< 1	0.01	< 10	1.45	295

CERTIFICATION:

*Howard Buchler*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 30-JUL-95  
 Invoice No. : I9522399  
 P.O. Number :  
 Account : GKQ

Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9522399</b>
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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-HBL-185	205	226	< 1	0.07	44	260	< 2	< 2	5	13	0.22	< 10	< 10	75	< 10	50
531-HBL-186	205	226	< 1	0.11	46	280	< 2	< 2	4	11	0.19	< 10	< 10	72	< 10	38
531-HBL-187	205	226	< 1	0.06	31	300	< 2	< 2	4	4	0.15	< 10	< 10	94	< 10	38
531-HBL-188	205	226	< 1	0.22	37	300	< 2	< 2	9	16	0.07	< 10	< 10	79	< 10	32
531-HBL-189	205	226	< 1	0.15	43	350	< 2	< 2	6	11	0.09	< 10	< 10	89	< 10	36
531-HBL-190	205	226	8	0.19	59	280	< 2	< 2	7	16	0.16	< 10	< 10	120	< 10	48
531-HBL-191	205	226	2	0.28	43	310	62	8	6	41	0.09	< 10	< 10	41	< 10	258
531-HBL-192	205	226	< 1	0.25	74	300	< 2	< 2	13	23	0.12	< 10	< 10	138	< 10	48
531-HBL-193	205	226	< 1	0.03	24	170	2	< 2	< 1	2	< 0.01	< 10	< 10	3	< 10	44
531-HBL-194	205	226	< 1	0.19	37	290	< 2	2	4	16	0.12	< 10	< 10	58	< 10	28
531-HBL-195	205	226	< 1	0.07	21	150	< 2	< 2	3	4	0.09	< 10	< 10	61	< 10	20
531-HBL-196	205	226	< 1	0.32	17	140	< 2	< 2	3	35	0.10	< 10	< 10	37	< 10	12
531-HBL-197	205	226	< 1	0.09	55	80	< 2	< 2	4	10	0.11	< 10	< 10	105	< 10	28
531-HBL-198	205	226	< 1	0.18	47	340	< 2	< 2	11	23	0.11	< 10	< 10	103	< 10	30
531-HBL-199	205	226	< 1	< 0.01	19	10	2	< 2	1	21	< 0.01	< 10	< 10	32	< 10	32
531-HBL-200	205	226	< 1	0.08	14	180	< 2	< 2	3	6	0.10	< 10	< 10	32	< 10	12
531-HBL-201	205	226	< 1	0.18	20	210	< 2	< 2	9	8	0.08	< 10	< 10	65	< 10	26
531-HBL-202	205	226	< 1	0.05	267	140	< 2	< 2	4	17	0.09	< 10	< 10	45	< 10	26
531-HBL-203	205	226	< 1	0.09	178	100	< 2	< 2	3	16	0.08	< 10	< 10	30	< 10	18
531-HBL-204	205	226	< 1	0.03	55	160	< 2	80	2	7	0.17	< 10	< 10	65	< 10	28
531-HBL-205	205	226	< 1	0.09	14	140	< 2	< 2	5	9	0.16	< 10	< 10	48	< 10	14
531-HBL-206	205	226	< 1	0.03	388	180	< 2	< 2	3	4	0.11	< 10	< 10	40	< 10	22
531-HBL-207	205	226	< 1	0.06	36	240	< 2	< 2	5	3	0.13	< 10	< 10	59	< 10	20
531-HBL-208	205	226	< 1	0.07	36	150	< 2	< 2	4	4	0.16	< 10	< 10	66	< 10	36
531-HBL-209	205	226	< 1	0.30	25	210	< 2	< 2	5	45	0.14	< 10	< 10	77	< 10	18
531-HBL-210	205	226	< 1	0.17	43	160	< 2	< 2	4	15	0.12	< 10	< 10	71	< 10	22
531-HBL-211	205	226	< 1	0.02	7	30	< 2	< 2	1	24	0.03	< 10	< 10	13	10	6
531-HBL-212	205	226	1	0.08	27	170	< 2	< 2	2	21	0.11	< 10	< 10	36	< 10	18
531-HBL-213	205	226	1	0.07	24	180	2	< 2	3	11	0.11	< 10	< 10	41	< 10	18
531-HBL-214	205	226	< 1	0.14	34	200	< 2	< 2	2	13	0.06	< 10	< 10	37	< 10	22
531-HBL-215	205	226	2	0.01	15	160	< 2	< 2	3	2	0.03	< 10	< 10	44	< 10	46
531-HBL-216	205	226	< 1	0.04	60	240	< 2	< 2	6	2	0.17	< 10	< 10	91	< 10	50

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

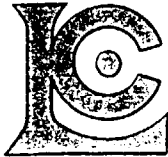
Page Number : 1-A  
 Total Pages : 3  
 Certificate Date: 02-AUG-95  
 Invoice No. : I9522523  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

A9522523

SAMPLE	PREP CODE	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
		FA+AA																		
531-HBL-217	205 226	< 5	< 0.2	2.50	2	10	< 0.5	< 2	1.61	< 0.5	16	89	121	2.74	< 10	3	0.02	< 10	1.28	420
531-HBL-218	205 226	< 5	< 0.2	1.98	2	< 10	< 0.5	< 2	0.90	< 0.5	15	90	59	2.17	< 10	< 1	0.02	< 10	1.60	315
531-HBL-219	205 226	5	< 0.2	2.19	2	10	< 0.5	4	0.95	< 0.5	16	91	360	2.56	< 10	2	0.09	< 10	1.98	340
531-HBL-220	205 226	< 5	< 0.2	1.32	2	< 10	< 0.5	< 2	1.93	< 0.5	5	86	13	1.37	< 10	1	0.02	< 10	0.55	250
531-HBL-221	205 226	< 5	< 0.2	2.76	2	10	< 0.5	< 2	1.47	< 0.5	14	81	63	1.91	< 10	1	0.06	< 10	1.26	280
531-HBL-222	205 226	< 5	< 0.2	1.70	2	20	< 0.5	< 2	1.31	< 0.5	14	96	61	1.92	< 10	2	0.01	< 10	1.24	295
531-HBL-223	205 226	< 5	< 0.2	4.02	2	20	< 0.5	< 2	1.76	< 0.5	18	324	8	3.47	< 10	< 1	0.37	< 10	2.70	575
531-HBL-224	205 226	10	< 0.2	2.56	2	50	< 0.5	2	0.41	< 0.5	26	1120	87	2.99	< 10	< 1	0.08	< 10	3.37	380
531-HBL-225	205 226	< 5	< 0.2	2.47	2	20	< 0.5	2	1.09	< 0.5	51	784	60	5.39	< 10	3	< 0.01	< 10	8.19	580
531-HBL-226	205 226	10	< 0.2	2.59	2	10	< 0.5	4	0.61	< 0.5	26	1070	29	3.11	< 10	< 1	< 0.01	< 10	3.03	510
531-HBL-227	205 226	15	< 0.2	4.08	2	< 10	< 0.5	< 2	2.66	< 0.5	24	50	285	8.76	10	2	0.10	< 10	1.71	790
531-HBL-228	205 226	< 5	< 0.2	1.83	2	40	< 0.5	< 2	0.97	< 0.5	18	408	30	2.64	< 10	< 1	0.16	< 10	1.87	320
531-HBL-229	205 226	10	< 0.2	0.96	2	20	< 0.5	2	1.10	< 0.5	15	309	92	1.13	< 10	1	0.03	< 10	0.97	235
531-HBL-230	205 226	15	< 0.2	1.60	2	30	< 0.5	2	1.40	< 0.5	14	21	336	3.66	< 10	1	0.12	10	1.03	410
531-HBL-231	205 226	< 5	< 0.2	3.45	2	10	< 0.5	< 2	0.13	< 0.5	46	1615	125	3.68	< 10	2	0.03	< 10	5.06	255
531-HBL-232	205 226	< 5	< 0.2	1.65	2	100	< 0.5	< 2	1.01	< 0.5	12	358	7	1.66	< 10	< 1	0.53	< 10	1.50	210
531-HBL-233	205 226	< 5	< 0.2	1.67	2	80	< 0.5	6	0.93	< 0.5	16	401	26	1.80	< 10	2	0.17	< 10	1.55	255
531-HBL-234	205 226	< 5	< 0.2	1.38	2	10	< 0.5	< 2	1.62	< 0.5	14	74	95	2.44	< 10	1	0.03	< 10	0.86	380
531-HBL-235	205 226	< 5	< 0.2	1.25	2	80	< 0.5	< 2	1.16	< 0.5	12	54	96	2.60	< 10	< 1	0.22	< 10	0.85	265
531-HBL-236	205 226	< 5	< 0.2	1.83	2	150	< 0.5	< 2	1.47	< 0.5	16	60	54	3.56	< 10	< 1	0.38	< 10	1.20	400
531-HBL-237	205 226	< 5	< 0.2	1.41	2	100	< 0.5	< 2	1.25	< 0.5	11	281	4	1.20	< 10	< 1	0.24	< 10	1.16	195
531-HBL-238	205 226	< 5	< 0.2	1.54	2	30	< 0.5	< 2	1.23	< 0.5	16	250	68	2.63	< 10	< 1	0.02	< 10	1.65	315
531-HBL-239	205 226	< 5	< 0.2	3.35	2	20	< 0.5	< 2	0.62	< 0.5	37	1620	41	4.16	< 10	< 1	0.01	< 10	4.51	675
531-HBL-240	205 226	25	< 0.2	2.41	2	20	< 0.5	6	1.82	< 0.5	16	190	200	2.14	< 10	< 1	0.09	< 10	1.77	335
531-HBL-241	205 226	< 5	< 0.2	2.64	2	40	< 0.5	2	1.35	< 0.5	18	73	86	3.35	< 10	2	0.25	< 10	1.69	415
531-HBL-242	205 226	< 5	< 0.2	3.12	34	< 10	< 0.5	< 2	1.80	< 0.5	26	55	144	3.06	< 10	1	0.02	< 10	1.55	470
531-HBL-243	205 226	< 5	< 0.2	1.66	2	10	< 0.5	4	1.80	< 0.5	16	93	100	1.96	< 10	< 1	< 0.01	< 10	0.97	390
531-HBL-244	205 226	< 5	< 0.2	1.49	2	< 10	< 0.5	< 2	1.46	< 0.5	15	89	109	2.47	< 10	< 1	0.01	< 10	1.26	535
531-HBL-245	205 226	< 5	< 0.2	3.94	2	10	< 0.5	< 2	1.98	< 0.5	27	287	101	4.25	< 10	< 1	0.02	< 10	4.18	575
531-HBL-246	205 226	< 5	< 0.2	4.93	2	180	< 0.5	< 2	2.38	< 0.5	40	732	100	5.83	< 10	2	0.55	< 10	4.48	415
531-HBL-247	205 226	< 5	< 0.2	2.62	2	30	< 0.5	< 2	0.76	< 0.5	45	1520	67	3.81	< 10	< 1	0.01	< 10	5.12	385
531-HBL-248	205 226	< 5	< 0.2	2.45	2	< 10	< 0.5	< 2	1.12	< 0.5	29	74	69	4.69	< 10	1	0.02	< 10	1.58	555
531-HBL-249	205 226	< 5	< 0.2	1.60	2	< 10	< 0.5	< 2	1.22	< 0.5	18	74	98	3.15	< 10	< 1	0.04	< 10	1.05	465
531-HBL-250	205 226	< 5	< 0.2	1.18	2	< 10	< 0.5	< 2	2.31	< 0.5	10	54	47	1.91	< 10	< 1	0.02	< 10	0.61	420
531-HBL-251	205 226	< 5	< 0.2	1.34	2	10	< 0.5	< 2	1.52	< 0.5	10	59	9	2.09	< 10	1	0.03	< 10	1.08	280
531-HBL-252	205 226	< 5	< 0.2	5.98	2	60	< 0.5	< 2	3.74	< 0.5	6	250	11	1.12	< 10	4	0.34	< 10	0.94	165
531-HBL-253	205 226	< 5	< 0.2	4.27	2	10	< 0.5	< 2	2.64	< 0.5	4	104	4	0.58	< 10	3	0.10	< 10	0.52	100
531-HBL-254	205 226	< 5	< 0.2	2.85	2	50	< 0.5	2	0.78	< 0.5	18	242	6	2.48	< 10	< 1	0.34	< 10	2.23	300
531-HBL-255	205 226	15	< 0.2	6.27	2	330	< 0.5	< 2	2.40	< 0.5	26	49	120	4.45	< 10	1	1.90	< 10	3.69	435
531-HBL-256	205 226	< 5	< 0.2	1.68	2	10	< 0.5	< 2	0.83	< 0.5	15	39	82	2.62	< 10	1	0.07	< 10	1.37	290

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 531-REDRUTH  
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Page Number : 1-B  
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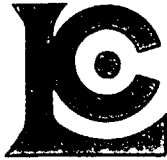
## CERTIFICATE OF ANALYSIS

### A9522523

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-217	205 226	< 1	0.20	47	240	< 2	2	6	16	0.27	< 10	< 10	78	< 10	36
531-HBL-218	205 226	< 1	0.03	44	180	< 2	4	3	10	0.20	< 10	< 10	58	< 10	22
531-HBL-219	205 226	< 1	0.06	50	180	< 2	< 2	3	10	0.20	< 10	< 10	69	< 10	32
531-HBL-220	205 226	< 1	0.04	16	140	< 2	2	2	38	0.13	< 10	< 10	63	< 10	8
531-HBL-221	205 226	< 1	0.21	45	150	< 2	< 2	3	21	0.17	< 10	< 10	55	< 10	22
531-HBL-222	205 226	< 1	0.03	33	160	< 2	< 2	3	17	0.19	< 10	< 10	65	< 10	20
531-HBL-223	205 226	< 1	0.12	68	180	2	< 2	10	17	0.13	< 10	< 10	108	10	30
531-HBL-224	205 226	< 1	0.02	211	120	< 2	< 2	2	3	0.14	< 10	< 10	48	< 10	26
531-HBL-225	205 226	< 1	< 0.01	665	80	< 2	< 2	9	20	0.03	< 10	< 10	94	10	16
531-HBL-226	205 226	< 1	0.03	232	120	< 2	< 2	3	2	0.17	< 10	< 10	50	< 10	32
531-HBL-227	205 226	< 1	0.20	27	800	2	6	12	16	0.07	< 10	< 10	153	20	60
531-HBL-228	205 226	< 1	0.07	101	150	2	< 2	2	7	0.13	< 10	< 10	52	< 10	24
531-HBL-229	205 226	< 1	0.02	152	90	4	< 2	1	14	0.07	< 10	< 10	20	< 10	14
531-HBL-230	205 226	< 1	0.14	10	720	4	4	3	9	0.12	< 10	< 10	70	< 10	48
531-HBL-231	205 226	< 1	< 0.01	370	150	< 2	< 2	3	1	0.01	< 10	< 10	94	< 10	22
531-HBL-232	205 226	< 1	0.09	115	160	< 2	< 2	3	21	0.12	< 10	< 10	47	< 10	14
531-HBL-233	205 226	< 1	0.08	148	170	< 2	< 2	2	16	0.14	< 10	< 10	32	< 10	14
531-HBL-234	205 226	< 1	0.18	31	380	2	2	9	6	0.13	< 10	< 10	89	< 10	32
531-HBL-235	205 226	1	0.15	17	480	< 2	2	12	2	0.08	< 10	< 10	102	< 10	34
531-HBL-236	205 226	< 1	0.19	19	450	< 2	2	14	4	0.11	< 10	< 10	111	< 10	42
531-HBL-237	205 226	< 1	0.08	90	150	< 2	< 2	4	26	0.13	< 10	< 10	35	< 10	22
531-HBL-238	205 226	< 1	0.19	42	180	2	2	7	4	0.15	< 10	< 10	67	< 10	24
531-HBL-239	205 226	< 1	0.02	344	160	4	< 2	5	4	0.18	< 10	< 10	82	< 10	74
531-HBL-240	205 226	< 1	0.18	59	160	< 2	< 2	5	17	0.14	< 10	< 10	62	< 10	30
531-HBL-241	205 226	1	0.10	31	270	8	< 2	6	16	0.27	< 10	< 10	97	< 10	38
531-HBL-242	205 226	1	0.24	50	320	< 2	< 2	4	18	0.26	< 10	< 10	82	10	40
531-HBL-243	205 226	< 1	0.02	26	150	< 2	2	3	8	0.23	< 10	< 10	48	< 10	30
531-HBL-244	205 226	< 1	0.06	28	200	< 2	< 2	4	3	0.19	< 10	< 10	65	< 10	32
531-HBL-245	205 226	< 1	0.05	85	160	< 2	< 2	7	9	0.08	< 10	< 10	89	10	52
531-HBL-246	205 226	< 1	0.01	82	220	6	2	43	11	0.09	< 10	< 10	240	10	62
531-HBL-247	205 226	< 1	< 0.01	468	140	4	< 2	5	21	0.03	< 10	< 10	101	< 10	28
531-HBL-248	205 226	< 1	0.11	35	460	2	4	12	9	0.19	< 10	< 10	141	10	80
531-HBL-249	205 226	< 1	0.08	32	360	< 2	< 2	9	6	0.15	< 10	< 10	84	< 10	32
531-HBL-250	205 226	< 1	0.13	11	350	< 2	2	8	7	0.14	< 10	< 10	69	< 10	22
531-HBL-251	205 226	< 1	0.18	11	440	< 2	2	10	12	0.08	< 10	< 10	73	< 10	18
531-HBL-252	205 226	1	0.48	16	150	< 2	< 2	4	87	0.09	< 10	< 10	34	< 10	14
531-HBL-253	205 226	1	0.57	8	170	< 2	< 2	2	64	0.07	< 10	< 10	21	< 10	4
531-HBL-254	205 226	< 1	0.15	70	170	< 2	< 2	2	14	0.08	< 10	< 10	48	< 10	34
531-HBL-255	205 226	< 1	0.14	31	230	< 2	< 2	21	43	0.15	< 10	< 10	164	10	42
531-HBL-256	205 226	< 1	0.11	17	460	< 2	2	7	5	0.08	< 10	< 10	74	< 10	28

CERTIFICATION:

*Stuart Deveau*



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Project: 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number : 2-A  
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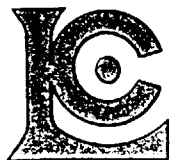
## CERTIFICATE OF ANALYSIS

### A9522523

SAMPLE	PREP CODE		Au ppb	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm	
531-HBL-257	205	226	< 5	< 0.2	1.79	< 2	320	< 0.5	4	1.60	< 0.5	18	279	69	2.56	< 10	< 1	0.90	10	1.93	385
531-HBL-258	205	226	< 5	< 0.2	6.15	14	60	< 0.5	4	2.95	< 0.5	36	84	20	7.42	10	1	0.59	< 10	5.25	695
531-HBL-259	205	226	5	< 0.2	2.88	< 2	20	< 0.5	2	0.94	< 0.5	25	514	52	3.60	< 10	< 1	0.02	< 10	3.20	425
531-HBL-260	205	226	< 5	< 0.2	2.39	< 2	20	< 0.5	< 2	1.13	< 0.5	23	590	141	3.20	< 10	1	0.03	< 10	2.65	450
531-HBL-261	205	226	5	< 0.2	2.72	< 2	< 10	< 0.5	4	1.01	< 0.5	16	70	89	2.34	< 10	< 1	0.03	< 10	1.83	340
531-HBL-262	205	226	< 5	< 0.2	1.47	< 2	< 10	< 0.5	2	1.71	< 0.5	12	76	99	2.04	< 10	1	0.01	< 10	0.92	395
531-HBL-263	205	226	< 5	< 0.2	2.12	< 2	20	< 0.5	< 2	1.14	< 0.5	17	101	54	3.47	< 10	< 1	0.01	< 10	1.73	680
531-HBL-264	205	226	< 5	< 0.2	2.81	< 2	40	< 0.5	2	1.35	< 0.5	25	40	63	4.54	< 10	1	0.25	< 10	2.22	480
531-SWD-009	205	226	< 5	< 0.2	3.19	< 2	10	< 0.5	2	2.10	< 0.5	19	88	94	3.62	< 10	< 1	0.01	< 10	1.68	570
531-SWD-010	205	226	5	< 0.2	1.87	< 2	< 10	< 0.5	2	0.94	< 0.5	14	70	95	2.93	< 10	1	0.01	< 10	1.26	385
531-SWD-011	205	226	5	< 0.2	3.20	6	< 10	< 0.5	2	1.84	< 0.5	19	49	124	2.49	< 10	2	0.02	< 10	1.14	300
531-SWD-012	205	226	10	< 0.2	1.48	< 2	< 10	< 0.5	< 2	0.60	< 0.5	14	92	80	2.52	< 10	< 1	< 0.01	< 10	1.12	475
531-SWD-013	205	226	5	< 0.2	1.14	< 2	< 10	< 0.5	2	1.25	< 0.5	3	110	35	1.02	< 10	1	0.01	< 10	0.33	195
531-SWD-014	205	226	15	< 0.2	2.24	< 2	10	< 0.5	2	0.63	< 0.5	16	73	135	2.63	< 10	1	0.10	< 10	1.93	295
531-SWD-015	205	226	< 5	< 0.2	1.45	< 2	10	< 0.5	< 2	0.74	< 0.5	12	53	48	1.87	< 10	< 1	0.07	< 10	1.29	255
531-SWD-016	205	226	< 5	< 0.2	1.84	< 2	10	< 0.5	< 2	1.42	< 0.5	10	168	30	1.50	< 10	< 1	0.02	< 10	1.04	240
531-SWD-017	205	226	10	< 0.2	2.88	< 2	10	< 0.5	2	0.76	< 0.5	18	130	68	2.71	< 10	1	0.08	< 10	2.41	275
531-SWD-018	205	226	< 5	< 0.2	3.75	8	10	< 0.5	< 2	3.11	< 0.5	6	147	4	1.05	< 10	< 1	0.02	< 10	0.69	360
531-SWD-019	205	226	< 5	< 0.2	2.52	< 2	20	< 0.5	< 2	0.76	< 0.5	21	191	48	3.34	< 10	2	0.08	< 10	2.61	310
531-SWD-020	205	226	< 5	< 0.2	3.19	< 2	< 10	< 0.5	2	0.93	< 0.5	38	1150	89	3.77	< 10	< 1	0.01	< 10	3.86	465
531-SWD-021	205	226	< 5	< 0.2	3.06	< 2	30	< 0.5	8	0.61	< 0.5	36	1220	43	3.61	< 10	1	0.01	< 10	3.83	435
531-SWD-022	205	226	< 5	< 0.2	3.05	< 2	10	< 0.5	10	0.18	< 0.5	28	2420	32	4.62	< 10	< 1	< 0.01	< 10	6.00	265
531-SWD-023	205	226	< 5	< 0.2	3.60	10	< 10	< 0.5	< 2	0.21	< 0.5	46	2350	77	4.24	< 10	< 1	< 0.01	< 10	5.81	405
531-SWD-024	205	226	< 5	< 0.2	2.04	< 2	10	< 0.5	2	1.26	< 0.5	17	76	45	2.96	< 10	1	0.05	< 10	1.83	395
531-SWD-025	205	226	< 5	< 0.2	1.47	< 2	10	< 0.5	< 2	1.10	< 0.5	20	482	85	1.93	< 10	1	0.03	< 10	1.50	330
531-SWD-026	205	226	< 5	< 0.2	2.22	< 2	10	< 0.5	< 2	0.91	< 0.5	23	840	73	2.58	< 10	< 1	0.02	< 10	2.77	455
531-SWD-027	205	226	< 5	< 0.2	2.78	< 2	10	< 0.5	< 2	1.73	< 0.5	43	1175	49	3.32	< 10	2	< 0.01	< 10	4.57	445
531-SWD-028	205	226	< 5	< 0.2	1.80	< 2	240	< 0.5	2	0.61	< 0.5	17	50	5	2.73	< 10	1	1.10	< 10	1.70	215
531-SWD-029	205	226	< 5	< 0.2	2.80	< 2	10	< 0.5	< 2	0.70	< 0.5	31	1025	30	3.12	< 10	< 1	0.08	< 10	3.33	410
531-SWD-030	205	226	< 5	< 0.2	2.20	< 2	30	< 0.5	2	1.33	< 0.5	24	684	79	2.63	< 10	1	0.05	< 10	2.17	485
531-SWD-031	205	226	< 5	< 0.2	2.37	< 2	10	< 0.5	6	0.87	< 0.5	27	864	68	2.68	< 10	3	0.01	< 10	2.74	435
531-SWD-032	205	226	< 5	< 0.2	2.37	< 2	20	< 0.5	< 2	0.85	< 0.5	31	892	59	2.80	< 10	< 1	0.03	< 10	2.77	395
531-SWD-033	205	226	< 5	< 0.2	2.91	2	30	< 0.5	< 2	0.25	< 0.5	42	1935	21	3.82	< 10	2	0.01	< 10	5.59	245
531-SWD-034	205	226	< 5	< 0.2	1.47	< 2	50	< 0.5	< 2	1.13	< 0.5	14	155	31	2.09	< 10	1	0.29	< 10	1.26	300
531-SWD-035	205	226	< 5	< 0.2	4.76	< 2	110	< 0.5	< 2	1.98	< 0.5	17	178	12	2.90	< 10	3	0.64	< 10	2.34	275
531-SWD-036	205	226	10	< 0.2	1.86	< 2	10	< 0.5	< 2	0.92	< 0.5	13	65	59	2.03	< 10	< 1	0.06	< 10	1.45	295
531-SWD-037	205	226	< 5	< 0.2	2.44	2	< 10	< 0.5	4	0.85	< 0.5	18	70	28	3.05	< 10	2	0.06	< 10	2.23	385
531-SWD-038	205	226	< 5	< 0.2	1.80	< 2	10	< 0.5	2	1.11	< 0.5	16	45	77	2.22	< 10	< 1	0.13	< 10	1.41	295
531-SWD-039	205	226	20	< 0.2	2.29	< 2	10	< 0.5	< 2	1.30	< 0.5	11	47	155	1.57	< 10	1	0.04	< 10	1.13	230
531-SWD-040	205	226	< 5	< 0.2	1.25	< 2	< 10	< 0.5	2	0.66	< 0.5	15	70	110	2.06	< 10	2	0.01	< 10	1.06	335

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Project: 531-REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number :2-B  
Total Pages :3  
Certificate Date: 02-AUG-95  
Invoice No. :19522523  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9522523

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HBL-257	205 226	< 1	0.14	44	900	4	< 2	5	58	0.21	< 10	< 10	72	< 10	44
531-HBL-258	205 226	< 1	0.02	95	380	< 2	8	34	9	0.08	< 10	< 10	214	30	74
531-HBL-259	205 226	< 1	0.12	86	150	< 2	< 2	4	8	0.16	< 10	< 10	66	< 10	36
531-HBL-260	205 226	< 1	0.17	132	140	< 2	< 2	4	10	0.08	< 10	< 10	57	< 10	30
531-HBL-261	205 226	< 1	0.14	49	170	< 2	2	2	14	0.14	< 10	< 10	66	< 10	30
531-HBL-262	205 226	< 1	0.05	26	150	2	2	4	4	0.20	< 10	< 10	58	< 10	28
531-HBL-263	205 226	< 1	0.06	32	170	< 2	2	6	4	0.18	< 10	< 10	72	< 10	44
531-HBL-264	205 226	< 1	0.03	30	370	4	2	7	16	0.28	< 10	< 10	129	10	38
531-SWD-009	205 226	< 1	0.02	47	270	< 2	< 2	6	36	0.39	< 10	< 10	101	10	54
531-SWD-010	205 226	1	0.07	37	210	< 2	< 2	4	11	0.22	< 10	< 10	72	< 10	34
531-SWD-011	205 226	< 1	0.31	68	290	< 2	< 2	3	23	0.16	< 10	< 10	67	< 10	32
531-SWD-012	205 226	1	0.05	25	170	2	< 2	3	2	0.11	< 10	< 10	53	< 10	30
531-SWD-013	205 226	< 1	0.02	10	150	< 2	< 2	3	4	0.16	< 10	< 10	37	< 10	8
531-SWD-014	205 226	< 1	0.07	39	170	< 2	2	2	7	0.12	< 10	< 10	57	< 10	26
531-SWD-015	205 226	< 1	0.04	30	150	< 2	< 2	2	5	0.16	< 10	< 10	56	< 10	20
531-SWD-016	205 226	< 1	0.17	30	160	< 2	< 2	5	10	0.13	< 10	< 10	48	< 10	16
531-SWD-017	205 226	< 1	0.11	58	150	< 2	< 2	2	10	0.10	< 10	< 10	72	< 10	26
531-SWD-018	205 226	< 1	0.29	10	140	< 2	2	4	31	0.08	< 10	< 10	32	< 10	8
531-SWD-019	205 226	< 1	0.13	50	170	2	4	3	2	0.13	< 10	< 10	72	< 10	30
531-SWD-020	205 226	< 1	0.06	310	140	< 2	< 2	3	8	0.13	< 10	< 10	54	< 10	36
531-SWD-021	205 226	< 1	0.03	301	160	< 2	< 2	3	3	0.14	< 10	< 10	53	< 10	36
531-SWD-022	205 226	< 1	< 0.01	289	130	2	< 2	3	2	0.02	< 10	< 10	111	< 10	24
531-SWD-023	205 226	< 1	< 0.01	444	150	2	< 2	3	1	0.03	< 10	< 10	102	< 10	42
531-SWD-024	205 226	< 1	0.18	43	130	< 2	2	9	4	0.14	< 10	< 10	89	< 10	30
531-SWD-025	205 226	< 1	0.07	187	120	< 2	< 2	3	12	0.11	< 10	< 10	34	< 10	16
531-SWD-026	205 226	< 1	0.06	209	100	< 2	< 2	3	13	0.11	< 10	< 10	37	< 10	18
531-SWD-027	205 226	< 1	0.01	469	140	2	< 2	2	27	0.03	< 10	< 10	72	10	22
531-SWD-028	205 226	< 1	0.07	33	360	< 2	< 2	6	5	0.15	< 10	< 10	104	< 10	24
531-SWD-029	205 226	< 1	0.06	271	140	2	< 2	2	11	0.14	< 10	< 10	43	< 10	22
531-SWD-030	205 226	< 1	0.12	189	110	2	< 2	4	19	0.13	< 10	< 10	46	< 10	22
531-SWD-031	205 226	< 1	0.04	252	130	< 2	< 2	2	13	0.12	< 10	< 10	39	< 10	22
531-SWD-032	205 226	< 1	0.08	273	120	< 2	< 2	3	9	0.12	< 10	< 10	43	< 10	22
531-SWD-033	205 226	1	< 0.01	429	130	< 2	< 2	2	3	0.04	< 10	< 10	97	< 10	26
531-SWD-034	205 226	< 1	0.10	33	150	< 2	2	7	6	0.15	< 10	< 10	70	< 10	22
531-SWD-035	205 226	< 1	0.16	40	200	< 2	2	4	36	0.13	< 10	< 10	75	10	22
531-SWD-036	205 226	< 1	0.11	36	200	< 2	< 2	3	11	0.16	< 10	< 10	69	< 10	24
531-SWD-037	205 226	1	0.09	41	150	2	2	6	5	0.20	< 10	< 10	89	< 10	30
531-SWD-038	205 226	< 1	0.11	31	180	< 2	< 2	3	7	0.12	< 10	< 10	62	< 10	22
531-SWD-039	205 226	1	0.21	25	180	< 2	2	2	16	0.08	< 10	< 10	44	< 10	18
531-SWD-040	205 226	3	0.07	31	260	4	2	3	4	0.12	< 10	< 10	60	< 10	32

CERTIFICATION:

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## CERTIFICATE OF ANALYSIS A9522523

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-SWD-041	205 226	10 < 0.2	1.51	30	< 10 < 0.5	< 2	1.08 < 0.5	23	55	125	2.23 < 10	1	0.01 < 10	1.15	300					
531-SWD-042	205 226	< 5 < 0.2	0.61	< 2	< 10 < 0.5	< 2	0.50 < 0.5	8	59	77	1.22 < 10	< 1	0.01 < 10	0.45	205					
531-SWD-043	205 226	< 5 < 0.2	1.38	< 2	< 10 < 0.5	< 2	0.93 < 0.5	13	64	126	2.17 < 10	1	0.01 < 10	0.97	345					
531-SWD-044	205 226	10 < 0.2	3.44	8	20 < 0.5	2	4.69 < 0.5	33	226	382	5.30 < 10	4	0.07 < 10	2.57	810					
531-SWD-045	205 226	< 5 < 0.2	2.53	< 2	10 < 0.5	2	0.81 < 0.5	24	26	107	5.07 < 10	1	0.03 < 10	2.04	585					
531-SWD-046	205 226	< 5 < 0.2	1.60	4	< 10 < 0.5	< 2	1.52 < 0.5	13	91	62	2.10 < 10	< 1	0.01 < 10	0.95	385					
531-SWD-047	205 226	< 5 < 0.2	1.43	< 2	< 10 < 0.5	< 2	0.97 < 0.5	13	87	119	2.15 < 10	2	0.02 < 10	1.03	395					
531-SWD-048	205 226	< 5 < 0.2	2.25	2	< 10 < 0.5	2	1.49 < 0.5	16	100	100	2.80 < 10	< 1	0.01 < 10	1.42	435					
531-SWD-049	205 226	< 5 < 0.2	1.56	< 2	30 < 0.5	< 2	1.02 < 0.5	12	46	52	2.39 < 10	1	0.23 < 10	1.06	305					
531-SWD-050	205 226	30 < 0.2	2.34	< 2	10 < 0.5	< 2	1.68 < 0.5	13	73	169	2.09 < 10	1	0.10 < 10	0.97	275					
531-SWD-051	205 226	5 < 0.2	2.06	< 2	< 10 < 0.5	2	1.19 < 0.5	9	55	68	1.38 < 10	< 1	0.02 < 10	0.93	200					
531-SWD-052	205 226	5 < 0.2	2.38	< 2	20 < 0.5	< 2	0.63 < 0.5	19	32	70	3.91 < 10	1	0.06 < 10	1.98	400					
531-SWD-053	205 226	10 < 0.2	7.60	18	240 < 0.5	2	3.12 < 0.5	24	552	17	4.57 < 10	3	2.60 < 10	3.41	370					
531-SWD-054	205 226	5 < 0.2	4.51	6	340 < 0.5	2	1.13 < 0.5	25	68	72	4.31 < 10	1	0.93 < 10	2.54	245					
531-SWD-055	205 226	20 < 0.2	4.39	2	800 < 0.5	2	0.74 < 0.5	29	76	99	5.01 < 10	< 1	1.22 < 10	3.38	340					
531-SWD-056	205 226	10 < 0.2	3.88	2	80 < 0.5	4	1.41 < 0.5	17	688	25	2.40 < 10	1	0.53 < 10	3.00	285					
531-SWD-057	205 226	< 5 < 0.2	7.24	< 2	90 < 0.5	< 2	4.68 < 0.5	34	1165	29	4.76 < 10	1	1.25 < 10	5.43	595					
531-SWD-058	205 226	10 < 0.2	5.93	< 2	50 < 0.5	4	2.70 < 0.5	17	112	36	2.22 < 10	< 1	0.29 < 10	2.52	245					
531-SWD-059	205 226	5 < 0.2	3.29	< 2	30 < 0.5	2	1.72 < 0.5	12	142	25	1.47 < 10	< 1	0.18 < 10	1.62	215					
531-SWD-060	205 226	15 < 0.2	2.24	8	80 < 0.5	< 2	0.93 < 0.5	15	243	25	1.61 < 10	1	0.32 < 10	1.38	190					
531-SWD-061	205 226	1630 < 0.2	5.30	>10000	270 < 0.5	< 2	7.01 < 0.5	22	206	30	4.39 < 10	2	2.07 < 10	2.65	590					
531-SWD-062	205 226	< 5 < 0.2	2.35	92	160 < 0.5	2	1.80 < 0.5	11	132	20	2.03 < 10	< 1	0.55 < 10	1.37	345					
531-SWD-063	205 226	< 5 < 0.2	4.09	56	30 < 0.5	< 2	1.74 < 0.5	21	199	21	2.03 < 10	2	0.14 < 10	1.97	240					
531-SWD-064	205 226	15 < 0.2	0.90	8	20 < 0.5	< 2	12.15 < 0.5	10	79	33	3.71 < 10	< 1	0.36 < 10	7.03	1655					
531-SWD-065	205 226	< 5 < 0.2	5.30	12	30 < 0.5	< 2	1.76 < 0.5	24	77	106	3.78 < 10	1	0.27 < 10	2.16	375					
531-SWD-066	205 226	< 5 < 0.2	2.40	< 2	10 < 0.5	< 2	0.54 < 0.5	21	226	22	3.21 < 10	< 1	0.03 < 10	2.64	325					
531-SWD-067	205 226	10 < 0.2	1.03	14	60 < 0.5	6	0.23 < 0.5	4	164	200	8.51 < 10	< 1	0.40 < 10	1.06	135					
531-SWD-068	205 226	< 5 < 0.2	3.04	50	10 < 0.5	< 2	0.73 < 0.5	47	2790	15	4.20 < 10	< 1	0.02 < 10	4.88	365					
531-SWD-069	205 226	< 5 < 0.2	4.04	22	30 < 0.5	< 2	3.92 < 0.5	32	171	91	6.39 < 10	< 1	0.08 < 10	3.90	890					
531-SWD-070	205 226	< 5 < 0.2	1.94	< 2	60 < 0.5	< 2	1.18 < 0.5	20	149	100	2.74 < 10	2	0.56 < 10	1.70	335					

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531-REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number : 3-B  
Total Pages : 3  
Certificate Date: 02-AUG-95  
Invoice No. : 19522523  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522523

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-SWD-041	205 226	< 1	0.09	42	330	< 2	< 2	5	6	0.09	< 10	< 10	61	< 10	30
531-SWD-042	205 226	1	0.07	18	190	< 2	< 2	3	2	0.08	< 10	< 10	42	< 10	10
531-SWD-043	205 226	1	0.06	35	210	< 2	< 2	3	6	0.10	< 10	< 10	46	< 10	30
531-SWD-044	205 226	< 1	0.04	83	220	2	< 2	12	23	0.13	< 10	< 10	150	10	54
531-SWD-045	205 226	< 1	0.03	23	410	2	4	4	6	0.34	< 10	< 10	107	10	68
531-SWD-046	205 226	< 1	0.03	24	160	< 2	2	4	11	0.24	< 10	< 10	66	< 10	26
531-SWD-047	205 226	< 1	0.06	23	240	< 2	6	4	14	0.24	< 10	< 10	61	< 10	30
531-SWD-048	205 226	< 1	0.12	30	170	2	2	4	12	0.19	< 10	< 10	69	< 10	36
531-SWD-049	205 226	< 1	0.06	19	210	4	< 2	4	14	0.20	< 10	< 10	80	< 10	30
531-SWD-050	205 226	< 1	0.22	24	210	< 2	4	6	22	0.08	< 10	< 10	71	< 10	20
531-SWD-051	205 226	< 1	0.16	28	150	< 2	< 2	2	18	0.10	< 10	< 10	38	< 10	14
531-SWD-052	205 226	< 1	0.05	33	330	4	< 2	3	5	0.16	< 10	< 10	90	< 10	48
531-SWD-053	205 226	< 1	0.42	101	330	4	< 2	34	45	0.20	< 10	< 10	262	10	42
531-SWD-054	205 226	< 1	0.29	23	360	4	4	7	33	0.11	< 10	< 10	123	10	60
531-SWD-055	205 226	< 1	0.16	28	430	2	2	9	25	0.15	< 10	< 10	164	10	54
531-SWD-056	205 226	< 1	0.27	46	150	4	< 2	6	32	0.12	< 10	< 10	77	< 10	20
531-SWD-057	205 226	< 1	0.10	94	170	< 2	2	36	31	0.10	< 10	< 10	160	10	68
531-SWD-058	205 226	< 1	0.43	68	170	2	< 2	2	56	0.08	< 10	< 10	40	10	20
531-SWD-059	205 226	< 1	0.34	41	110	< 2	< 2	3	40	0.07	< 10	< 10	36	< 10	16
531-SWD-060	205 226	< 1	0.18	66	170	< 2	< 2	2	37	0.05	< 10	< 10	38	< 10	20
531-SWD-061	205 226	< 1	0.39	43	210	< 2	2	11	171	0.03	< 10	< 10	127	20	40
531-SWD-062	205 226	< 1	0.22	32	390	< 2	< 2	8	45	0.10	< 10	< 10	61	20	64
531-SWD-063	205 226	< 1	0.38	56	160	2	< 2	3	50	0.04	< 10	< 10	42	< 10	28
531-SWD-064	205 226	< 1	0.03	15	20	< 2	2	8	26	0.02	< 10	< 10	71	20	28
531-SWD-065	205 226	< 1	0.41	38	690	4	4	24	37	0.06	< 10	< 10	214	10	34
531-SWD-066	205 226	< 1	0.06	75	200	4	4	2	2	0.06	< 10	< 10	58	< 10	50
531-SWD-067	205 226	< 1	0.02	13	220	16	10	2	23	0.02	< 10	< 10	31	< 10	36
531-SWD-068	205 226	< 1	< 0.01	334	110	2	< 2	8	17	0.02	< 10	< 10	112	< 10	18
531-SWD-069	205 226	< 1	0.01	51	230	4	6	34	22	0.04	< 10	< 10	221	10	62
531-SWD-070	205 226	< 1	0.12	49	210	2	< 2	7	12	0.11	< 10	< 10	94	< 10	30

CERTIFICATION:

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 07-AUG-95  
 Invoice No. : I9523119  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9523119

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
531-SWD-077	205	226	< 5	< 0.2	2.34	28	90	< 0.5	< 2	12.10	< 0.5	24	53	18	4.09	< 10	< 1	0.99	< 10	4.90	1545
531-SWD-078	205	226	< 5	< 0.2	3.52	< 2	240	< 0.5	< 2	1.39	0.5	27	115	19	5.14	< 10	< 1	1.90	< 10	2.52	630
531-SWD-079	205	226	15	< 0.2	4.46	< 2	110	< 0.5	< 2	1.80	< 0.5	43	148	275	5.70	10	< 1	1.02	< 10	1.42	315
531-SWD-080	205	226	< 5	< 0.2	6.81	< 2	120	< 0.5	< 2	3.33	< 0.5	24	71	116	3.67	10	< 1	1.16	< 10	2.00	355
531-SWD-081	205	226	< 5	< 0.2	2.90	< 2	320	< 0.5	4	2.07	< 0.5	18	86	85	3.98	< 10	1	1.46	30	1.95	415
531-SWD-082	205	226	< 5	< 0.2	2.25	2	10	< 0.5	< 2	1.41	< 0.5	28	48	115	4.68	< 10	< 1	0.07	< 10	1.72	435
531-SWD-083	205	226	< 5	< 0.2	1.88	< 2	10	< 0.5	4	3.05	< 0.5	22	57	98	4.03	< 10	< 1	0.05	< 10	1.21	765
531-SWD-084	205	226	< 5	< 0.2	3.30	8	110	< 0.5	< 2	2.69	< 0.5	35	172	100	5.55	< 10	1	0.82	< 10	3.23	1180
531-SWD-085	205	226	< 5	< 0.2	1.41	< 2	10	< 0.5	< 2	1.18	< 0.5	25	90	91	3.06	< 10	< 1	0.05	< 10	0.91	430
531-SWD-086	205	226	< 5	< 0.2	1.79	< 2	10	< 0.5	< 2	2.28	< 0.5	35	77	138	6.66	< 10	1	0.07	< 10	1.27	710
531-SWD-087	205	226	< 5	< 0.2	4.14	< 2	10	< 0.5	< 2	2.38	< 0.5	49	72	298	8.52	10	< 1	0.02	< 10	2.84	1120
531-SWD-088	205	226	< 5	< 0.2	3.73	4	150	< 0.5	< 2	0.46	< 0.5	43	74	84	8.01	10	1	0.78	< 10	2.19	360
531-SWD-089	205	226	< 5	< 0.2	1.73	< 2	30	< 0.5	< 2	1.02	0.5	19	53	38	5.66	< 10	< 1	0.07	< 10	1.40	320
531-SWD-090	205	226	< 5	< 0.2	4.62	< 2	250	< 0.5	< 2	2.48	< 0.5	40	90	27	8.91	< 10	< 1	1.70	< 10	2.77	780
531-SWD-091	205	226	< 5	< 0.2	0.55	< 2	20	< 0.5	< 2	14.95	< 0.5	10	22	8	5.82	< 10	< 1	0.14	< 10	6.26	2700
531-SWD-092	205	226	30	< 0.2	2.50	< 2	< 10	< 0.5	< 2	1.85	< 0.5	19	43	49	5.05	< 10	< 1	0.04	< 10	1.71	510
531-SWD-093	205	226	< 5	< 0.2	3.03	< 2	100	< 0.5	< 2	1.17	< 0.5	25	67	70	5.27	< 10	< 1	0.23	< 10	2.43	530
531-SWD-094	205	226	< 5	< 0.2	4.90	< 2	150	< 0.5	4	3.68	< 0.5	33	54	76	8.63	10	< 1	0.53	< 10	3.01	1155
531-SWD-095	205	226	< 5	< 0.2	2.31	< 2	10	< 0.5	2	1.61	< 0.5	24	57	127	4.97	< 10	1	0.04	< 10	1.70	420

CERTIFICATION: \_\_\_\_\_





# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 07-AUG-95  
 Invoice No. : 19523119  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

## CERTIFICATE OF ANALYSIS

### A9523119

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-SWD-077	205 226	< 1	0.09	25	330	4	4	11	79	0.09	< 10	< 10	101	20	36
531-SWD-078	205 226	3	0.15	39	530	102	8	13	37	0.22	< 10	< 10	199	10	84
531-SWD-079	205 226	2	0.31	68	330	12	4	18	28	0.14	< 10	< 10	190	10	72
531-SWD-080	205 226	< 1	0.60	29	650	12	2	11	48	0.15	< 10	< 10	178	10	70
531-SWD-081	205 226	< 1	0.08	26	1180	6	4	6	169	0.24	< 10	< 10	83	10	66
531-SWD-082	205 226	3	0.16	28	640	768	30	11	6	0.11	< 10	< 10	143	10	72
531-SWD-083	205 226	< 1	0.19	16	580	58	8	14	10	0.10	< 10	< 10	169	10	54
531-SWD-084	205 226	< 1	0.05	55	420	18	6	31	14	0.12	< 10	< 10	307	10	88
531-SWD-085	205 226	< 1	0.17	38	430	6	4	10	4	0.09	< 10	< 10	122	< 10	46
531-SWD-086	205 226	1	0.12	33	470	28	4	10	11	0.04	< 10	< 10	124	10	52
531-SWD-087	205 226	< 1	0.02	41	380	10	6	9	8	0.03	< 10	< 10	165	20	130
531-SWD-088	205 226	1	0.04	39	670	4	10	36	2	0.11	< 10	< 10	366	10	142
531-SWD-089	205 226	< 1	0.13	19	510	4	8	8	3	0.07	< 10	< 10	183	10	54
531-SWD-090	205 226	< 1	0.03	41	550	< 2	10	35	15	0.21	< 10	< 10	344	30	122
531-SWD-091	205 226	< 1	0.01	16	40	12	8	2	77	0.02	< 10	< 10	58	30	54
531-SWD-092	205 226	1	0.18	25	530	24	6	10	4	0.09	< 10	< 10	136	10	66
531-SWD-093	205 226	< 1	0.10	42	490	6	4	8	13	0.09	< 10	< 10	150	10	70
531-SWD-094	205 226	< 1	0.02	19	510	14	6	34	20	0.12	< 10	< 10	361	30	118
531-SWD-095	205 226	< 1	0.19	8	790	2	8	14	4	0.10	< 10	< 10	168	10	68

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

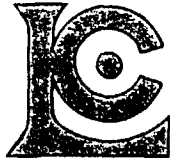
Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 31-JUL-95  
 Invoice No. : 19522643  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9522643

SAMPLE	PREP CODE		Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
			FA+AA																		
531-HBL-265	205	226	10	< 0.2	3.16	< 2	20	< 0.5	< 2	1.62	0.5	29	26	139	6.67	< 10	< 1	0.07	< 10	2.06	735
531-HBL-266	205	226	20	< 0.2	4.15	< 2	20	< 0.5	< 2	1.20	< 0.5	32	29	94	6.92	< 10	< 1	0.09	< 10	3.26	955
531-HBL-267	205	226	10	< 0.2	2.00	< 2	30	< 0.5	< 2	1.02	< 0.5	16	84	77	2.86	< 10	< 1	0.26	< 10	1.63	370
531-HBL-268	205	226	20	< 0.2	1.72	2	10	< 0.5	< 2	0.90	< 0.5	17	138	79	2.12	< 10	< 1	0.04	< 10	1.37	285
531-HBL-269	205	226	5	< 0.2	3.72	< 2	10	< 0.5	< 2	4.65	< 0.5	35	323	113	5.87	< 10	1	< 0.01	< 10	3.63	890
531-HBL-270	205	226	25	< 0.2	6.78	< 2	10	< 0.5	< 2	0.58	< 0.5	59	425	239	10.65	10	< 1	0.11	< 10	4.12	820
531-HBL-271	205	226	10	< 0.2	2.20	< 2	70	< 0.5	< 2	0.99	< 0.5	20	97	129	3.36	< 10	< 1	0.12	< 10	1.76	625
531-HBL-272	205	226	15	< 0.2	2.27	6	70	< 0.5	< 2	0.77	< 0.5	32	617	63	4.22	< 10	< 1	0.48	< 10	2.07	315
531-HBL-273	205	226	3600	0.2	3.29	2	170	< 0.5	< 2	3.00	< 0.5	30	209	175	5.39	< 10	< 1	1.47	< 10	2.57	550
531-HBL-274	205	226	>10000	2.2	3.32	< 2	200	< 0.5	< 2	4.39	< 0.5	31	50	143	5.49	< 10	< 1	1.45	< 10	2.30	610
531-HBL-275	205	226	100	< 0.2	2.73	4	30	< 0.5	< 2	1.12	< 0.5	28	64	65	3.28	< 10	< 1	0.06	< 10	2.87	485
531-HBL-276	205	226	135	< 0.2	2.06	6	10	< 0.5	< 2	0.95	< 0.5	23	53	73	2.39	< 10	< 1	0.02	< 10	2.21	385
531-HBL-277	205	226	< 5	< 0.2	2.49	2	60	< 0.5	< 2	0.52	< 0.5	27	68	47	4.98	< 10	< 1	0.16	< 10	1.95	325
531-HBL-278	205	226	10	< 0.2	0.70	2	< 10	< 0.5	< 2	3.07	< 0.5	12	36	53	1.87	< 10	1	0.01	< 10	0.47	695
531-HBL-279	205	226	< 5	< 0.2	0.40	2	10	< 0.5	< 2	5.48	< 0.5	12	38	71	3.03	< 10	< 1	0.02	< 10	0.33	915
531-HBL-280	205	226	< 5	< 0.2	0.70	< 2	50	< 0.5	< 2	0.96	< 0.5	15	45	69	1.75	< 10	< 1	0.11	< 10	0.66	300
531-HBL-281	205	226	10	< 0.2	1.32	< 2	230	< 0.5	< 2	1.02	< 0.5	22	62	80	3.19	< 10	< 1	0.17	< 10	0.95	235
531-SWD-071	205	226	115	< 0.2	0.84	8	80	< 0.5	< 2	0.66	< 0.5	7	61	56	1.78	< 10	< 1	0.23	20	0.28	195
531-SWD-072	205	226	< 5	< 0.2	4.26	< 2	20	< 0.5	< 2	3.29	0.5	30	96	118	7.02	10	< 1	0.11	< 10	3.75	845
531-SWD-073	205	226	< 5	< 0.2	4.51	< 2	10	< 0.5	< 2	2.37	< 0.5	20	132	71	2.52	< 10	< 1	0.03	< 10	2.07	335
531-SWD-074	205	226	15	< 0.2	3.90	< 2	390	< 0.5	< 2	7.81	< 0.5	25	189	29	5.22	< 10	< 1	2.21	< 10	3.20	1065
531-SWD-075	205	226	435	0.4	3.71	< 2	320	< 0.5	2	5.50	0.5	38	33	412	6.03	< 10	< 1	1.96	< 10	2.68	625
531-SWD-076	205	226	1510	1.2	4.30	< 2	250	< 0.5	< 2	3.55	< 0.5	33	83	480	5.13	< 10	< 1	2.39	< 10	2.35	430

CERTIFICATION:



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Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

## CERTIFICATE OF ANALYSIS A9522643

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	Au g/t	FA
531-HBL-265	205 226	< 1	0.06	20	480	< 2	6	13	16	0.13	< 10	< 10	219	10	82	-----	
531-HBL-266	205 226	< 1	0.01	34	350	< 2	4	12	11	0.37	< 10	< 10	213	10	82	-----	
531-HBL-267	205 226	< 1	0.13	37	180	< 2	2	8	13	0.16	< 10	< 10	114	< 10	32	-----	
531-HBL-268	205 226	< 1	0.06	39	180	< 2	< 2	4	17	0.18	< 10	< 10	55	< 10	20	-----	
531-HBL-269	205 226	< 1	0.03	84	290	< 2	< 2	34	44	0.06	< 10	< 10	247	10	74	-----	
531-HBL-270	205 226	< 1	0.10	174	640	< 2	2	40	10	0.05	< 10	< 10	341	10	106	-----	
531-HBL-271	205 226	< 1	0.07	52	320	< 2	< 2	6	11	0.17	< 10	< 10	94	< 10	58	-----	
531-HBL-272	205 226	< 1	0.03	116	80	< 2	2	7	11	0.06	< 10	< 10	57	< 10	60	-----	
531-HBL-273	205 226	< 1	0.03	67	320	< 2	< 2	22	25	0.18	< 10	< 10	179	10	68	-----	
531-HBL-274	205 226	< 1	0.03	52	360	< 2	4	26	30	0.17	< 10	< 10	245	10	68	27.73	
531-HBL-275	205 226	< 1	0.03	71	250	< 2	< 2	2	9	0.09	< 10	< 10	57	< 10	38	-----	
531-HBL-276	205 226	< 1	0.04	55	280	< 2	< 2	2	5	0.10	< 10	< 10	43	< 10	30	-----	
531-HBL-277	205 226	< 1	0.06	31	740	< 2	2	10	4	0.05	< 10	< 10	204	< 10	70	-----	
531-HBL-278	205 226	< 1	0.09	12	610	< 2	2	7	8	0.03	< 10	< 10	62	< 10	24	-----	
531-HBL-279	205 226	< 1	0.07	12	550	< 2	2	4	41	0.07	< 10	< 10	115	< 10	22	-----	
531-HBL-280	205 226	< 1	0.09	19	540	< 2	< 2	6	5	0.10	< 10	< 10	93	< 10	36	-----	
531-HBL-281	205 226	< 1	0.12	23	540	< 2	2	14	4	0.09	< 10	< 10	160	< 10	46	-----	
531-SWD-071	205 226	< 1	0.04	2	480	< 2	< 2	< 1	34	0.02	< 10	< 10	9	< 10	18	-----	
531-SWD-072	205 226	< 1	0.01	48	300	< 2	2	22	60	0.04	< 10	< 10	201	10	98	-----	
531-SWD-073	205 226	< 1	0.31	84	190	< 2	2	2	37	0.08	< 10	< 10	50	< 10	28	-----	
531-SWD-074	205 226	< 1	0.06	70	300	< 2	2	24	77	0.21	< 10	< 10	210	20	66	-----	
531-SWD-075	205 226	< 1	0.04	57	370	< 2	4	30	59	0.22	< 10	< 10	257	20	118	-----	
531-SWD-076	205 226	< 1	0.20	66	240	< 2	2	44	36	0.23	< 10	< 10	351	20	90	-----	

CERTIFICATION: Hart Bechler



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Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU

Page Number : 1  
Total Pages : 1  
Certificate Date: 26-SEP-95  
Invoice No. : I9528897  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

A9528897

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams						
531-DLO-001	208 226	< 0.002	< 0.002	< 0.002	126	9.58						
531-DLO-002	208 226	0.011	< 0.002	0.074	176	14.71						
531-DLO-004	208 226	0.037	0.039	< 0.002	194	13.01						
531-DLO-005	208 226	0.052	0.018	0.293	218	20.01						
531-DLO-006	208 226	0.071	0.063	0.069	156	10.44						
531-DLO-007	208 226	0.023	0.021	0.027	197	13.43						
531-DLO-008	208 226	0.434	0.379	0.656	202	18.29						
531-DLO-009	208 226	0.003	0.003	< 0.002	188	14.66						
531-DLO-010	208 226	< 0.002	< 0.002	< 0.002	196	14.95						
531-DLO-011	208 226	< 0.002	< 0.002	< 0.002	200	15.92						
531-DLO-012	208 226	< 0.002	< 0.002	< 0.002	210	20.92						

CERTIFICATION

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU

Page Number : 1-A  
Total Pages : 1  
Certificate Date: 03-OCT-95  
Invoice No. : I9528896  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9528896

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-AA-001	205 226	< 5	0.6	3.00	2	20	< 0.5	< 2	3.17	< 0.5	38	149	88	5.66	< 10	< 1	0.09	< 10	2.11	1010
531-DLO-003	205 226	< 5	0.4	2.76	< 2	< 10	< 0.5	< 2	1.73	< 0.5	25	90	85	4.56	< 10	< 1	0.02	10	2.08	670

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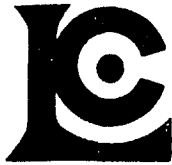
Project : 531  
Comments: ATTN: STUART DEVEAU

Page Number : 1-B  
Total Pages : 1  
Certificate Date: 03-OCT-95  
Invoice No. : I9528896  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9528896

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-AA-001	205	226	< 1	0.01	89	260	< 2	4	11	13	0.05	< 10	< 10	143	10	80
531-DLO-003	205	226	< 1	0.06	59	260	14	2	7	18	0.26	< 10	< 10	86	< 10	56

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P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number :1  
Total Pages :1  
Certificate Date: 28-JUL-95  
Invoice No. : I9523120  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523120

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
C14497	208 226	< 0.002	< 0.002	< 0.002	173	20.14					
C14498	208 226	< 0.002	< 0.002	< 0.002	215	13.82					
C14499	208 226	< 0.002	< 0.002	< 0.002	192	29.96					

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number : 1  
 Total Pages : 1  
 Certificate Date: 25-JUL-95  
 Invoice No. : 19522644  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522644

SAMPLE	PREP CODE		Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
C14491	208	226	0.002	< 0.002	0.014	202	11.00					
C14492	208	226	0.739	0.335	3.062	197	13.35					
C14493	208	226	2.204	2.304	0.239	217	13.00					
C14494	208	226	1.159	0.384	5.866	206	9.60					
C14495	208	226	3.069	2.468	4.843	190	8.79					
C14496	208	226	1.161	0.529	5.162	205	17.80					

CERTIFICATION:

*Adrian ...*





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Project : 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number : 1  
 Total Pages : 1  
 Certificate Date: 24-JUL-95  
 Invoice No. : 19522524  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9522524</b>
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SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams				
C14487	208 226	< 0.002	< 0.002	< 0.002	186	19.22				
C14488	208 226	< 0.002	< 0.002	< 0.002	188	26.40				
C14489	208 226	< 0.002	< 0.002	< 0.002	164	18.68				
C14490	208 226	< 0.002	< 0.002	< 0.002	184	11.45				
E58353	208 226	< 0.002	< 0.002	< 0.002	190	26.00				

CERTIFICATION: *Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531-REDRUTH  
Comments: ATTN: STUART DEVEAU

Page Number :1  
Total Pages :1  
Certificate Date: 24-JUL-95  
Invoice No. : I9522484  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

A9522484

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams						
C14486	208 226	< 0.002	< 0.002	< 0.002	170	25.97						

CERTIFICATION:

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530-HUMLIN  
 Comments: ATTN: STUART DEVEAU

Page Number :1  
 Total Pages :1  
 Certificate Date: 28-JUN-95  
 Invoice No. : I9519966  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9519966</b>
--------------------------------	-----------------

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams				
C14446	208 226	< 0.002	< 0.002	< 0.002	176	9.85				
C14482	208 226	< 0.006	< 0.006	< 0.002	218	10.01				
C14483	208 226	< 0.002	< 0.002	< 0.002	215	5.86				
C14484	208 226	< 0.002	< 0.002	< 0.002	189	4.60				
C14485	208 226	< 0.002	< 0.002	< 0.002	191	4.12				
C16851	208 226	0.003	< 0.002	0.021	189	5.96				
C16852	208 226	0.055	0.057	0.008	222	11.23				
C16853	208 226	0.077	0.080	0.002	206	9.35				

CERTIFICATION: *[Signature]*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : HUMLIN/REDRUTH

Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number : 1  
Total Pages : 1  
Certificate Date: 17-JUL-95  
Invoice No. : 19521475  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

A9521475

SAMPLE	PREP CODE		Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
E58351	205	226	1.069	0.830	2.545	199	25.04					

CERTIFICATION

*Stuart Deveau*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531-REDRUTH  
 Comments: ATTN: STUART DEVEAU CC: HOWARD LANGIER

Page Number : 1  
 Total Pages : 1  
 Certificate Date: 25-JUL-95  
 Invoice No. : 19522644  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522644

SAMPLE	PREP CODE	Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams						
C14491	208 226	0.002	< 0.002	0.014	202	11.00						
C14492	208 226	0.739	0.335	3.062	197	13.35						
C14493	208 226	2.204	2.304	0.239	217	13.00						
C14494	208 226	1.159	0.384	5.866	206	9.60						
C14495	208 226	3.069	2.468	4.843	190	8.79						
C14496	208 226	1.161	0.529	5.162	205	17.80						

CERTIFICATION

*Howard Langier*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : HUMLIN/REDRUTH  
 Comments: ATTN: STUART DEVEAU

Page Number :1  
 Total Pages :1  
 Certificate Date: 29-JUN-95  
 Invoice No. : I9520105  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

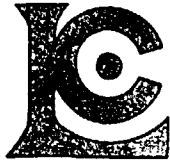
### A9520105

SAMPLE	PREP CODE		Au tot oz/T	Au - oz/T	Au + mg	Wt. - grams	Wt. + grams					
C16854	255	295	0.162	0.164	0.071	188	14.93					
C16855	255	295	0.064	0.066	0.046	180	25.38					
C16856	255	295	0.003	0.003	< 0.002	156	24.50					
C16857	255	295	0.229	0.162	0.529	169	18.17					
C16858	255	295	0.022	0.022	0.016	183	18.14					
C16859	255	295	< 0.002	< 0.002	< 0.002	166	27.33					

CERTIFICATION:

*Stuart Deveau*

**APPENDIX VI**  
**Analyses From Soil Geochemistry**



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
R0V 1C0

Project : 530  
Comments : ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-A  
Total Pages : 4  
Certificate Date: 13-AUG-95  
Invoice No. : 19523757  
P.O. Number :  
Account : GK0

## CERTIFICATE OF ANALYSIS

### A9523757

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-HL-001	201 229	14 < 0.2	1.26	26	40 < 0.5	< 2	0.25 < 0.5	9	41	15	2.36 < 10	< 1	0.05 < 10	0.37	265					
530-HL-002	201 229	7 < 0.2	0.53	8	30 < 0.5	< 2	0.18 < 0.5	2	38	3	0.96 < 10	< 1	0.02 < 10	0.16	85					
530-HL-003	201 229	26 < 0.2	0.53	10	40 < 0.5	< 2	0.21 < 0.5	3	32	4	1.45 < 10	< 1	0.03 < 10	0.19	130					
530-HL-004	201 229	2 < 0.2	0.44	4	10 < 0.5	< 2	0.21 < 0.5	1	15	4	0.62 < 10	< 1	0.01 < 10	0.10	45					
530-HL-007A	201 229	5 0.2	3.40	30	180 < 0.5	< 2	0.65 < 0.5	30	60	32	6.76 < 10	< 1	0.84 < 10	1.42	815					
530-HL-008	201 229	1 < 0.2	0.73	2	30 < 0.5	< 2	0.29 < 0.5	2	19	3	1.03 < 10	< 1	0.05 < 10	0.29	115					
530-HL-009	201 229	2 < 0.2	0.96	6	50 < 0.5	< 2	0.21 < 0.5	4	28	6	1.92 < 10	< 1	0.07 < 10	0.29	135					
530-HL-010	201 229	< 1 < 0.2	0.90	2	80 < 0.5	< 2	0.33 < 0.5	7	24	4	1.37 < 10	< 1	0.15 < 10	0.43	435					
530-HL-011	201 229	1 < 0.2	0.72	2	40 < 0.5	< 2	0.26 < 0.5	4	20	5	1.00 < 10	< 1	0.11 < 10	0.31	215					
530-HL-012	201 229	< 1 < 0.2	1.18	2	90 < 0.5	< 2	0.36 < 0.5	9	29	10	1.36 < 10	< 1	0.12 < 10	0.44	955					
530-HL-013	201 229	< 1 < 0.2	2.13	4	120 < 0.5	< 2	0.41 < 0.5	11	48	15	2.58 < 10	< 1	0.33 < 10	0.79	510					
530-HL-014	201 229	2 < 0.2	1.12	8	40 < 0.5	< 2	0.34 < 0.5	7	25	6	1.36 < 10	< 1	0.07 < 10	0.36	285					
530-HL-015	201 229	2 < 0.2	1.40	6	90 < 0.5	< 2	0.45 < 0.5	9	49	7	1.82 < 10	< 1	0.16 < 10	0.68	415					
530-HL-016	201 229	1 < 0.2	3.52	6	200 < 0.5	< 2	0.59 < 0.5	16	73	29	3.83 < 10	< 1	0.51 < 10	1.26	580					
530-HL-017	201 229	< 1 < 0.2	2.00	2	60 < 0.5	< 2	0.32 < 0.5	14	58	16	2.18 < 10	< 1	0.05 < 10	0.81	540					
530-HL-018	201 229	< 1 < 0.2	1.74	2	110 < 0.5	< 2	0.36 < 0.5	8	38	10	1.97 < 10	< 1	0.23 < 10	0.67	415					
530-HL-019	201 229	< 1 < 0.2	0.70	2	30 < 0.5	< 2	0.22 < 0.5	2	18	2	0.86 < 10	< 1	0.04 < 10	0.23	90					
530-HL-020	201 229	< 1 < 0.2	1.69	< 2	90 < 0.5	< 2	0.34 < 0.5	8	38	9	1.90 < 10	< 1	0.16 < 10	0.59	470					
530-HL-021	201 229	< 1 < 0.2	0.90	< 2	60 < 0.5	< 2	0.27 < 0.5	4	22	3	1.13 < 10	< 1	0.10 < 10	0.34	250					
530-HL-022	201 229	< 1 < 0.2	1.36	< 2	100 < 0.5	< 2	0.37 < 0.5	7	33	8	1.78 < 10	< 1	0.22 < 10	0.58	475					
530-HL-023	201 229	< 1 < 0.2	0.60	< 2	30 < 0.5	< 2	0.17 < 0.5	3	16	4	0.90 < 10	< 1	0.07 < 10	0.25	160					
530-HL-024	201 229	< 1 < 0.2	1.19	2	100 < 0.5	< 2	0.34 < 0.5	7	28	10	1.50 < 10	< 1	0.16 < 10	0.45	350					
530-HL-025	201 229	< 1 < 0.2	0.77	2	70 < 0.5	< 2	0.28 < 0.5	6	21	7	1.22 < 10	< 1	0.15 < 10	0.35	480					
530-HL-026	201 229	< 1 < 0.2	0.56	2	30 < 0.5	< 2	0.20 < 0.5	3	17	2	0.86 < 10	< 1	0.11 < 10	0.27	130					
530-HL-027	201 229	2 < 0.2	0.70	26	60 < 0.5	< 2	0.29 < 0.5	7	25	12	1.21 < 10	< 1	0.06 < 10	0.26	395					
530-HL-028	201 229	2 < 0.2	4.37	40	140 < 0.5	< 2	0.53 < 0.5	31	108	91	5.98 < 10	< 1	0.08 < 10	1.39	685					
530-HL-029	201 229	2 < 0.2	0.78	< 2	30 < 0.5	< 2	0.20 < 0.5	3	20	2	1.01 < 10	< 1	0.04 < 10	0.29	105					
530-HL-030	201 229	3 < 0.2	0.87	8	30 < 0.5	< 2	0.19 < 0.5	5	42	3	1.34 < 10	< 1	0.04 < 10	0.69	155					
530-HL-031	201 229	2 < 0.2	0.77	14	90 < 0.5	< 2	0.17 < 0.5	4	24	4	1.50 < 10	< 1	0.03 < 10	0.20	530					
530-HL-032	201 229	2 < 0.2	0.25	4	10 < 0.5	< 2	0.10 < 0.5	< 1	9	< 1	0.44 < 10	< 1	0.03 < 10	0.08	55					
530-HL-033	201 229	< 1 < 0.2	0.53	2	20 < 0.5	< 2	0.20 < 0.5	2	18	2	0.74 < 10	< 1	0.03 < 10	0.20	60					
530-HL-034	201 229	3 < 0.2	2.09	16	170 < 0.5	< 2	1.20 < 0.5	10	49	32	2.37 < 10	< 1	0.16 < 10	0.54	600					
530-HL-035	201 229	< 1 < 0.2	0.42	2	20 < 0.5	< 2	0.22 < 0.5	1	9	3	0.45 < 10	< 1	0.02 < 10	0.11	80					
530-HL-036	201 229	6 < 0.2	0.34	< 2	10 < 0.5	< 2	0.14 < 0.5	< 1	9	2	0.38 < 10	< 1	0.02 < 10	0.06	30					
530-HL-037	201 229	4 < 0.2	0.83	8	50 < 0.5	< 2	0.44 < 0.5	4	21	10	1.03 < 10	< 1	0.03 < 10	0.19	120					
530-HL-038	201 229	< 1 < 0.2	1.74	20	80 < 0.5	< 2	0.43 < 0.5	17	24	42	1.63 < 10	< 1	0.03 < 10	0.32	345					
530-HL-039	201 229	4 < 0.2	1.43	10	40 < 0.5	< 2	0.14 < 0.5	5	38	15	2.45 < 10	< 1	0.03 < 10	0.29	165					
530-HL-040	201 229	7 < 0.2	3.24	28	170 < 0.5	< 2	0.55 < 0.5	31	94	99	5.83 < 10	< 1	0.53 < 10	1.98	960					
530-HL-041	201 229	16 < 0.2	2.03	104	100 < 0.5	< 2	0.18 < 0.5	9	37	25	3.66 < 10	< 1	0.06 < 10	0.38	280					
530-HL-042	201 229	6 < 0.2	1.17	20	60 < 0.5	< 2	0.25 < 0.5	6	27	13	2.18 < 10	< 1	0.04 < 10	0.35	250					

CERTIFICATION: *[Signature]*





# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 POV 1C0

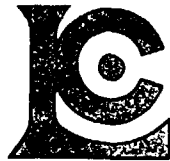
Project : 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-B  
 Total Pages : 4  
 Certificate Date: 13-AUG-95  
 Invoice No. : 19523757  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9523757</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-HL-001	201 229	< 1	< 0.01	27	370	4	< 2	2	15	0.11	< 10	< 10	49	< 10	38
530-HL-002	201 229	< 1	< 0.01	15	100	6	< 2	1	11	0.09	< 10	< 10	23	< 10	14
530-HL-003	201 229	< 1	< 0.01	11	140	4	< 2	1	14	0.09	< 10	< 10	30	< 10	18
530-HL-004	201 229	< 1	< 0.01	6	80	4	< 2	< 1	9	0.06	< 10	< 10	17	< 10	8
530-HL-007A	201 229	< 1	< 0.01	32	650	6	< 2	5	22	0.34	< 10	< 10	209	< 10	76
530-HL-008	201 229	< 1	< 0.01	8	430	2	< 2	1	14	0.08	< 10	< 10	22	< 10	20
530-HL-009	201 229	< 1	< 0.01	10	1240	4	< 2	1	12	0.06	< 10	< 10	30	< 10	48
530-HL-010	201 229	< 1	< 0.01	12	290	4	< 2	1	18	0.09	< 10	< 10	26	< 10	34
530-HL-011	201 229	< 1	< 0.01	10	400	2	< 2	1	13	0.06	< 10	< 10	20	< 10	24
530-HL-012	201 229	< 1	0.01	16	320	6	< 2	2	20	0.09	< 10	< 10	26	< 10	48
530-HL-013	201 229	< 1	0.01	26	350	6	< 2	4	24	0.09	< 10	< 10	48	< 10	58
530-HL-014	201 229	< 1	< 0.01	13	530	2	< 2	1	12	0.08	< 10	< 10	26	< 10	40
530-HL-015	201 229	1	0.01	25	390	4	< 2	3	25	0.12	< 10	< 10	36	< 10	66
530-HL-016	201 229	< 1	0.01	37	430	14	< 2	7	37	0.13	< 10	< 10	71	< 10	88
530-HL-017	201 229	< 1	< 0.01	36	420	2	< 2	3	15	0.15	< 10	< 10	58	< 10	142
530-HL-018	201 229	< 1	0.01	20	250	4	< 2	3	26	0.10	< 10	< 10	40	< 10	54
530-HL-019	201 229	< 1	< 0.01	7	260	2	< 2	1	14	0.09	< 10	< 10	19	< 10	26
530-HL-020	201 229	< 1	0.01	19	260	6	< 2	3	25	0.11	< 10	< 10	40	< 10	62
530-HL-021	201 229	< 1	< 0.01	10	140	2	< 2	2	18	0.09	< 10	< 10	25	< 10	30
530-HL-022	201 229	< 1	0.01	16	400	6	< 2	3	24	0.11	< 10	< 10	37	< 10	58
530-HL-023	201 229	< 1	< 0.01	7	190	4	< 2	1	11	0.04	< 10	< 10	19	< 10	26
530-HL-024	201 229	< 1	< 0.01	16	300	6	< 2	3	18	0.06	< 10	< 10	26	< 10	46
530-HL-025	201 229	< 1	< 0.01	11	170	4	< 2	1	15	0.07	< 10	< 10	24	< 10	44
530-HL-026	201 229	< 1	< 0.01	7	160	2	< 2	1	11	0.06	< 10	< 10	19	< 10	28
530-HL-027	201 229	< 1	< 0.01	11	230	6	< 2	1	13	0.06	< 10	< 10	24	< 10	46
530-HL-028	201 229	1	< 0.01	77	650	6	< 2	7	20	0.21	< 10	< 10	156	< 10	114
530-HL-029	201 229	< 1	< 0.01	8	110	4	< 2	1	14	0.08	< 10	< 10	22	< 10	16
530-HL-030	201 229	< 1	< 0.01	17	200	2	< 2	2	12	0.08	< 10	< 10	32	< 10	26
530-HL-031	201 229	< 1	< 0.01	10	1070	6	< 2	1	10	0.04	< 10	< 10	25	< 10	32
530-HL-032	201 229	< 1	< 0.01	2	140	2	< 2	< 1	7	0.04	< 10	< 10	10	< 10	4
530-HL-033	201 229	< 1	< 0.01	10	350	< 2	< 2	< 1	9	0.05	< 10	< 10	16	< 10	8
530-HL-034	201 229	< 1	< 0.01	27	570	8	< 2	4	33	0.07	< 10	< 10	45	< 10	40
530-HL-035	201 229	< 1	< 0.01	3	120	2	< 2	< 1	9	0.04	< 10	< 10	12	< 10	8
530-HL-036	201 229	< 1	< 0.01	2	70	2	< 2	< 1	8	0.05	< 10	< 10	11	< 10	6
530-HL-037	201 229	< 1	< 0.01	13	200	2	< 2	1	15	0.06	< 10	< 10	19	< 10	10
530-HL-038	201 229	< 1	< 0.01	16	370	4	< 2	2	16	0.08	< 10	< 10	29	< 10	36
530-HL-039	201 229	< 1	< 0.01	15	600	6	< 2	1	8	0.08	< 10	< 10	42	< 10	36
530-HL-040	201 229	< 1	< 0.01	47	870	4	< 2	3	14	0.34	< 10	< 10	137	< 10	68
530-HL-041	201 229	1	< 0.01	17	690	10	< 2	2	9	0.09	< 10	< 10	70	< 10	68
530-HL-042	201 229	< 1	< 0.01	14	330	4	< 2	1	11	0.14	< 10	< 10	55	< 10	30

CERTIFICATION: \_\_\_\_\_



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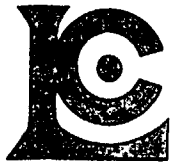
Project: 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :2-A  
 Total Pages :4  
 Certificate Date: 13-AUG-95  
 Invoice No. :19523757  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS A9523757

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-HL-043	201 229	3 < 0.2	0.82	8	30 < 0.5	< 2	0.18 < 0.5	6	29	6	1.04 < 10	< 1	0.04 < 10	0.31	150					
530-HL-044	201 229	1 < 0.2	1.25	72	70 < 0.5	< 2	0.34 < 0.5	8	34	14	1.66 < 10	< 1	0.04 < 10	0.38	215					
530-HL-045	201 229	1 < 0.2	0.48	46	20 < 0.5	< 2	0.26 < 0.5	3	14	4	0.67 < 10	< 1	0.02 < 10	0.16	150					
530-HL-046	201 229	14 < 0.2	0.13	4	< 10 < 0.5	< 2	0.07 < 0.5	< 1	21	1	1.15 < 10	< 1	0.01 < 10	0.02	20					
530-HL-047	201 229	13 < 0.2	2.37	386	60 < 0.5	< 2	0.16 < 0.5	8	31	30	2.55 < 10	< 1	0.09 < 10	0.36	150					
530-HL-048	201 229	< 1 < 0.2	0.53	14	20 < 0.5	< 2	0.13 < 0.5	2	28	3	1.60 < 10	< 1	0.02 < 10	0.14	135					
530-HL-049	201 229	< 1 < 0.2	0.49	4	10 < 0.5	< 2	0.15 < 0.5	1	14	2	0.73 < 10	< 1	0.02 < 10	0.15	65					
530-JC-437	201 229	1 < 0.2	1.35	12	30 < 0.5	< 2	0.16 < 0.5	4	29	12	1.53 < 10	< 1	0.02 < 10	0.22	85					
530-JC-438	201 229	1 < 0.2	0.54	< 2	10 < 0.5	< 2	0.12 < 0.5	1	12	1	0.59 < 10	< 1	0.02 < 10	0.12	40					
530-JC-439	201 229	< 1 < 0.2	0.51	< 2	10 < 0.5	< 2	0.21 < 0.5	2	18	2	0.90 < 10	< 1	0.03 < 10	0.19	60					
530-JC-443	201 229	2 < 0.2	1.26	8	80 < 0.5	< 2	0.53 < 0.5	6	38	31	1.72 < 10	< 1	0.15 < 10	0.44	125					
530-JC-444	201 229	< 1 < 0.2	0.53	2	10 < 0.5	< 2	0.12 < 0.5	1	16	1	1.06 < 10	< 1	0.02 < 10	0.11	45					
530-JC-445	201 229	2 < 0.2	1.04	6	20 < 0.5	< 2	0.16 < 0.5	4	29	6	1.75 < 10	< 1	0.03 < 10	0.22	80					
530-JC-446	201 229	3 < 0.2	0.87	8	40 < 0.5	< 2	0.16 < 0.5	3	25	7	1.57 < 10	< 1	0.02 < 10	0.18	130					
530-JC-447	201 229	< 1 < 0.2	0.97	2	30 < 0.5	< 2	0.20 < 0.5	2	16	4	0.92 < 10	< 1	0.01 < 10	0.13	40					
530-JC-448	201 229	< 1 < 0.2	0.56	< 2	20 < 0.5	< 2	0.16 < 0.5	2	13	2	0.62 < 10	< 1	0.02 < 10	0.16	70					
530-JC-449	201 229	4 < 0.2	0.94	8	30 < 0.5	< 2	0.19 < 0.5	7	36	8	2.16 < 10	< 1	0.07 < 10	0.29	210					
530-JC-450	201 229	< 1 < 0.2	1.21	2	40 < 0.5	< 2	0.20 < 0.5	4	32	6	1.46 < 10	< 1	0.06 < 10	0.31	140					
530-JC-451	201 229	3 < 0.2	1.18	8	30 < 0.5	< 2	0.18 < 0.5	6	48	6	2.33 < 10	< 1	0.07 < 10	0.38	165					
530-JC-452	201 229	20 < 0.2	1.44	8	40 < 0.5	< 2	0.16 < 0.5	7	44	8	2.23 < 10	< 1	0.05 < 10	0.38	170					
530-JC-453	201 229	3 < 0.2	1.69	6	70 < 0.5	< 2	0.21 < 0.5	10	50	9	2.88 < 10	< 1	0.10 < 10	0.62	265					
530-JC-454	201 229	< 1 < 0.2	1.61	10	50 < 0.5	< 2	0.18 < 0.5	8	36	9	2.53 < 10	< 1	0.07 < 10	0.36	160					
530-JC-455	201 229	4 < 0.2	0.95	10	30 < 0.5	< 2	0.29 < 0.5	4	25	8	1.45 < 10	< 1	0.07 < 10	0.31	140					
530-JC-456	201 229	< 1 < 0.2	0.53	< 2	20 < 0.5	< 2	0.23 < 0.5	2	16	2	0.75 < 10	< 1	0.06 < 10	0.22	100					
530-JC-457	201 229	< 1 < 0.2	1.17	2	90 < 0.5	< 2	0.44 < 0.5	6	30	12	1.47 < 10	< 1	0.19 < 10	0.43	370					
530-JC-458	201 229	2 < 0.2	2.20	14	140 < 0.5	< 2	0.91 < 0.5	12	53	17	2.63 < 10	< 1	0.33 < 10	0.66	560					
530-JC-459	201 229	< 1 < 0.2	2.33	10	160 < 0.5	< 2	1.00 < 0.5	14	55	20	3.06 < 10	< 1	0.37 < 10	0.86	465					
530-JC-460	201 229	1 < 0.2	2.31	18	80 < 0.5	< 2	0.28 < 0.5	7	35	32	3.02 < 10	< 1	0.10 < 10	0.73	250					
530-JC-461	201 229	1 < 0.2	1.61	2	90 < 0.5	< 2	0.61 < 0.5	7	43	21	2.04 < 10	< 1	0.18 < 10	0.66	280					
530-JC-462	201 229	1 < 0.2	2.61	< 2	270 < 0.5	< 2	0.70 < 0.5	10	53	25	2.61 < 10	< 1	0.32 < 10	0.68	845					
530-JC-463	201 229	< 1 < 0.2	0.67	< 2	30 < 0.5	< 2	0.27 < 0.5	2	19	2	0.91 < 10	< 1	0.06 < 10	0.24	130					
530-JC-464	201 229	< 1 < 0.2	1.10	2	70 < 0.5	< 2	0.39 < 0.5	6	34	5	1.54 < 10	< 1	0.14 < 10	0.51	350					
530-JC-465	201 229	< 1 < 0.2	0.81	< 2	30 < 0.5	< 2	0.21 < 0.5	2	20	3	1.05 < 10	< 1	0.05 < 10	0.25	100					
530-JC-466	201 229	< 1 < 0.2	1.13	< 2	50 < 0.5	< 2	0.39 < 0.5	4	33	8	1.49 < 10	< 1	0.10 < 10	0.46	195					
530-JC-467	201 229	5 < 0.2	1.09	6	60 < 0.5	< 2	0.31 < 0.5	7	31	9	1.72 < 10	< 1	0.09 < 10	0.41	250					
530-JC-468	201 229	9 < 0.2	0.93	2	60 < 0.5	< 2	0.20 < 0.5	4	19	3	1.37 < 10	< 1	0.06 < 10	0.21	170					
530-JC-469	201 229	80 < 0.2	0.86	2	30 < 0.5	< 2	0.30 < 0.5	3	21	6	1.02 < 10	< 1	0.04 < 10	0.34	120					
530-JC-470	201 229	< 1 < 0.2	1.99	4	110 < 0.5	< 2	0.33 < 0.5	10	48	13	2.40 < 10	< 1	0.31 < 10	0.75	440					
530-JC-471	201 229	< 1 < 0.2	0.92	2	30 < 0.5	< 2	0.19 < 0.5	3	18	3	1.12 < 10	< 1	0.04 < 10	0.24	85					
530-JC-472	201 229	9 < 0.2	2.32	6	90 < 0.5	< 2	0.43 < 0.5	19	108	19	3.14 < 10	< 1	0.13 < 10	1.15	360					

CERTIFICATION: \_\_\_\_\_



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Project : 530  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

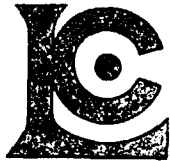
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-HL-043	201 229	< 1	< 0.01	16	110	4	< 2	1	10	0.09	< 10	< 10	28	< 10	16
530-HL-044	201 229	< 1	< 0.01	15	200	4	< 2	2	18	0.09	< 10	< 10	44	< 10	20
530-HL-045	201 229	< 1	< 0.01	6	370	< 2	< 2	1	12	0.05	< 10	< 10	16	< 10	8
530-HL-046	201 229	< 1	< 0.01	2	40	< 2	< 2	< 1	5	0.04	< 10	< 10	23	< 10	2
530-HL-047	201 229	< 1	< 0.01	18	820	6	< 2	2	10	0.08	< 10	< 10	45	< 10	62
530-HL-048	201 229	< 1	< 0.01	7	260	4	< 2	< 1	9	0.07	< 10	< 10	33	< 10	14
530-HL-049	201 229	< 1	< 0.01	4	230	2	< 2	< 1	9	0.06	< 10	< 10	18	< 10	6
530-JC-437	201 229	1	< 0.01	15	350	4	< 2	1	8	0.08	< 10	< 10	31	< 10	24
530-JC-438	201 229	< 1	< 0.01	4	150	2	< 2	< 1	6	0.05	< 10	< 10	13	< 10	10
530-JC-439	201 229	< 1	< 0.01	6	550	2	< 2	< 1	9	0.04	< 10	< 10	19	< 10	12
530-JC-443	201 229	< 1	< 0.01	20	230	6	< 2	3	16	0.05	< 10	< 10	33	< 10	30
530-JC-444	201 229	< 1	< 0.01	4	260	2	< 2	< 1	6	0.06	< 10	< 10	24	< 10	8
530-JC-445	201 229	< 1	< 0.01	15	1290	2	< 2	1	9	0.06	< 10	< 10	31	< 10	18
530-JC-446	201 229	< 1	< 0.01	13	360	4	< 2	1	11	0.08	< 10	< 10	32	< 10	20
530-JC-447	201 229	< 1	< 0.01	8	550	2	< 2	< 1	9	0.07	< 10	< 10	20	< 10	8
530-JC-448	201 229	< 1	< 0.01	6	140	4	< 2	1	10	0.07	< 10	< 10	16	< 10	10
530-JC-449	201 229	< 1	< 0.01	19	320	2	< 2	1	11	0.10	< 10	< 10	46	< 10	28
530-JC-450	201 229	< 1	< 0.01	15	110	4	< 2	2	13	0.12	< 10	< 10	36	< 10	28
530-JC-451	201 229	< 1	< 0.01	24	380	2	< 2	2	12	0.11	< 10	< 10	52	< 10	32
530-JC-452	201 229	< 1	< 0.01	24	330	4	< 2	1	10	0.10	< 10	< 10	46	< 10	30
530-JC-453	201 229	1	< 0.01	25	380	4	< 2	3	14	0.15	< 10	< 10	67	< 10	46
530-JC-454	201 229	< 1	< 0.01	18	1350	4	< 2	1	12	0.08	< 10	< 10	49	< 10	40
530-JC-455	201 229	< 1	< 0.01	13	540	2	< 2	1	14	0.07	< 10	< 10	28	< 10	30
530-JC-456	201 229	< 1	< 0.01	6	390	2	< 2	1	12	0.05	< 10	< 10	16	< 10	18
530-JC-457	201 229	< 1	< 0.01	17	220	4	< 2	3	19	0.08	< 10	< 10	30	< 10	42
530-JC-458	201 229	1	0.01	27	330	12	< 2	5	28	0.08	< 10	< 10	49	< 10	74
530-JC-459	201 229	< 1	0.02	29	660	10	< 2	6	33	0.09	< 10	< 10	57	< 10	66
530-JC-460	201 229	< 1	< 0.01	16	1630	6	< 2	3	18	0.13	< 10	< 10	64	< 10	68
530-JC-461	201 229	< 1	0.02	19	690	4	< 2	4	31	0.12	< 10	< 10	44	< 10	44
530-JC-462	201 229	1	0.01	40	370	8	< 2	7	30	0.09	< 10	< 10	49	< 10	82
530-JC-463	201 229	< 1	< 0.01	7	370	2	< 2	1	17	0.08	< 10	< 10	22	< 10	22
530-JC-464	201 229	< 1	< 0.01	14	450	4	< 2	2	26	0.11	< 10	< 10	35	< 10	36
530-JC-465	201 229	< 1	< 0.01	8	130	4	< 2	1	19	0.08	< 10	< 10	24	< 10	22
530-JC-466	201 229	< 1	< 0.01	13	360	4	< 2	3	25	0.12	< 10	< 10	36	< 10	42
530-JC-467	201 229	< 1	< 0.01	16	600	4	< 2	1	16	0.08	< 10	< 10	33	< 10	66
530-JC-468	201 229	< 1	< 0.01	7	720	6	< 2	1	13	0.07	< 10	< 10	25	< 10	64
530-JC-469	201 229	< 1	0.01	9	570	2	< 2	1	15	0.07	< 10	< 10	21	< 10	28
530-JC-470	201 229	< 1	< 0.01	24	230	8	< 2	3	21	0.09	< 10	< 10	44	< 10	56
530-JC-471	201 229	< 1	< 0.01	8	480	4	< 2	1	10	0.06	< 10	< 10	22	< 10	30
530-JC-472	201 229	< 1	< 0.01	42	740	6	< 2	4	16	0.22	< 10	< 10	83	< 10	74

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-A  
 Total Pages : 4  
 Certificate Date: 13-AUG-95  
 Invoice No. : 19523757  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523757

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-JC-473	201 229	< 1	< 0.2	0.80	< 2	40	< 0.5	< 2	0.29	< 0.5	3	22	4	1.12	< 10	< 1	0.10	< 10	0.33	130
530-JC-474	201 229	< 1	< 0.2	2.14	< 2	170	0.5	< 2	0.55	< 0.5	10	46	13	2.41	< 10	< 1	0.37	20	0.72	870
530-JC-475	201 229	< 1	< 0.2	2.54	6	190	0.5	< 2	0.63	< 0.5	14	62	22	3.04	< 10	< 1	0.52	10	1.04	770
530-JC-476	201 229	< 1	< 0.2	2.06	6	190	0.5	< 2	0.75	< 0.5	12	45	17	2.38	< 10	< 1	0.36	20	0.76	1250
530-JC-477	201 229	< 1	< 0.2	0.69	2	70	< 0.5	< 2	0.27	< 0.5	2	18	3	0.91	< 10	< 1	0.07	< 10	0.19	100
530-SD-001	201 229	4	< 0.2	2.69	48	40	< 0.5	< 2	0.23	< 0.5	14	50	67	2.92	< 10	< 1	0.05	10	0.60	210
530-SD-002	201 229	7	< 0.2	2.66	166	60	< 0.5	< 2	0.28	< 0.5	15	54	69	2.86	< 10	< 1	0.04	10	0.68	235
530-SD-003	201 229	839	< 0.2	2.01	888	30	< 0.5	< 2	0.46	< 0.5	19	68	174	3.95	< 10	< 1	0.09	10	1.02	475
530-SD-004	201 229	2	< 0.2	0.63	10	20	< 0.5	< 2	0.25	< 0.5	3	21	3	0.95	< 10	< 1	0.02	< 10	0.19	65
530-SD-005	201 229	5	< 0.2	1.76	40	70	< 0.5	< 2	0.16	< 0.5	7	42	25	2.79	< 10	< 1	0.05	< 10	0.34	260
530-SD-006	201 229	10	< 0.2	1.28	28	40	< 0.5	< 2	0.20	< 0.5	8	40	20	2.37	< 10	< 1	0.04	< 10	0.38	175
530-SD-007	201 229	1	< 0.2	0.60	4	20	< 0.5	< 2	0.16	< 0.5	2	21	3	1.17	< 10	< 1	0.03	< 10	0.15	50
530-SD-008	201 229	17	< 0.2	0.26	4	70	< 0.5	< 2	0.22	< 0.5	< 1	13	3	0.82	< 10	< 1	0.03	< 10	0.06	50
530-SD-009	201 229	< 1	< 0.2	0.93	2	80	< 0.5	< 2	0.44	< 0.5	4	32	6	1.33	< 10	< 1	0.15	10	0.42	265
530-SD-010	201 229	2	< 0.2	2.10	2	150	< 0.5	< 2	0.57	< 0.5	13	52	20	2.59	< 10	< 1	0.40	10	0.83	700
530-SD-011	201 229	7	< 0.2	1.00	2	60	< 0.5	< 2	0.34	< 0.5	4	26	4	1.36	< 10	< 1	0.10	< 10	0.34	135
530-SD-012	201 229	1	< 0.2	1.61	< 2	100	< 0.5	< 2	0.52	< 0.5	8	43	14	2.02	< 10	< 1	0.29	10	0.72	405
530-SD-013	201 229	5	< 0.2	3.13	2	180	0.5	< 2	0.55	< 0.5	14	67	22	3.44	< 10	< 1	0.48	10	1.15	625
530-SD-014	201 229	< 1	< 0.2	0.92	< 2	40	< 0.5	< 2	0.35	< 0.5	3	24	9	1.11	< 10	< 1	0.07	< 10	0.32	180
530-SD-015	201 229	< 1	< 0.2	1.40	2	70	< 0.5	< 2	0.32	< 0.5	6	34	7	1.55	< 10	< 1	0.12	< 10	0.52	280
530-SD-016	201 229	1	< 0.2	1.44	2	30	< 0.5	< 2	0.24	< 0.5	6	29	9	1.47	< 10	< 1	0.04	< 10	0.41	155
530-SD-017	201 229	< 1	< 0.2	0.87	< 2	30	< 0.5	< 2	0.24	< 0.5	4	22	4	1.10	< 10	< 1	0.07	< 10	0.41	150
530-SD-018	201 229	< 1	< 0.2	1.18	< 2	50	< 0.5	< 2	0.28	< 0.5	5	32	7	1.51	< 10	< 1	0.13	< 10	0.50	195
530-SD-019	201 229	< 1	< 0.2	1.46	< 2	30	< 0.5	< 2	0.28	< 0.5	7	45	16	1.83	< 10	< 1	0.07	10	0.57	300
530-SD-020	201 229	< 1	< 0.2	2.89	2	150	0.5	< 2	0.50	< 0.5	13	63	23	3.21	< 10	< 1	0.43	10	1.10	690
530-SD-021	201 229	< 1	< 0.2	1.30	2	70	< 0.5	< 2	0.35	< 0.5	7	32	7	1.65	< 10	< 1	0.14	10	0.52	340
530-SD-022	201 229	1	< 0.2	1.03	8	60	< 0.5	< 2	0.21	< 0.5	4	31	6	1.76	< 10	< 1	0.07	< 10	0.31	220
530-SD-023	201 229	93	< 0.2	0.80	2	40	< 0.5	< 2	0.25	< 0.5	3	27	2	1.27	< 10	< 1	0.09	< 10	0.35	125
530-SD-024	201 229	5	< 0.2	0.47	2	20	< 0.5	< 2	0.22	< 0.5	2	19	1	1.15	< 10	< 1	0.04	< 10	0.15	75
530-SD-025	201 229	< 1	< 0.2	1.78	2	130	0.5	< 2	0.75	< 0.5	9	47	21	2.22	< 10	< 1	0.24	20	0.75	240
530-SD-026	201 229	< 1	< 0.2	1.86	< 2	140	0.5	< 2	0.83	< 0.5	9	49	27	2.29	< 10	< 1	0.26	20	0.78	285
530-SD-027	201 229	2	< 0.2	1.80	4	130	0.5	< 2	1.95	< 0.5	9	44	23	2.30	< 10	< 1	0.28	20	1.11	395
530-SD-028	201 229	1	< 0.2	1.64	4	110	< 0.5	< 2	1.54	< 0.5	7	38	18	1.86	< 10	< 1	0.16	10	0.57	330
530-SD-029	201 229	< 1	< 0.2	2.01	2	110	0.5	< 2	0.71	< 0.5	9	49	20	2.49	< 10	< 1	0.28	10	0.71	355
530-SD-030	201 229	2	< 0.2	1.64	< 2	110	< 0.5	< 2	0.77	< 0.5	7	38	21	1.96	< 10	< 1	0.18	20	0.53	285
530-SD-031	201 229	< 1	< 0.2	1.57	< 2	110	< 0.5	< 2	0.70	< 0.5	7	37	24	1.98	< 10	< 1	0.18	20	0.55	235
530-SD-032	201 229	2	< 0.2	2.10	2	170	0.5	< 2	1.01	< 0.5	8	53	47	2.39	< 10	< 1	0.24	30	0.68	325
530-SD-033	201 229	< 1	< 0.2	1.24	2	70	< 0.5	< 2	0.58	< 0.5	6	35	17	1.58	< 10	< 1	0.10	10	0.41	200
530-SD-034	201 229	1	< 0.2	3.12	16	150	< 0.5	< 2	0.52	< 0.5	33	185	49	5.07	< 10	< 1	0.16	< 10	1.34	990
530-SD-035	201 229	2	< 0.2	1.28	< 2	30	< 0.5	< 2	0.28	< 0.5	4	32	6	1.59	< 10	< 1	0.07	< 10	0.45	145

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

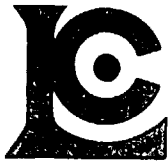
Page Number :3-B  
Total Pages :4  
Certificate Date: 13-AUG-95  
Invoice No. :19523757  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9523757

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-JC-473	201 229	< 1	< 0.01	9	330	2	< 2	1	18	0.08	< 10	< 10	26	< 10	30
530-JC-474	201 229	< 1	0.01	26	740	6	< 2	5	33	0.09	< 10	< 10	40	< 10	84
530-JC-475	201 229	< 1	0.01	29	850	8	< 2	6	35	0.11	< 10	< 10	55	< 10	92
530-JC-476	201 229	< 1	0.01	26	980	8	< 2	5	35	0.11	< 10	< 10	45	< 10	66
530-JC-477	201 229	< 1	< 0.01	5	450	4	< 2	1	17	0.08	< 10	< 10	18	< 10	20
530-SD-001	201 229	< 1	< 0.01	41	480	4	< 2	3	13	0.14	< 10	< 10	59	< 10	40
530-SD-002	201 229	< 1	< 0.01	45	450	4	< 2	4	17	0.14	< 10	< 10	67	< 10	54
530-SD-003	201 229	< 1	< 0.01	29	500	< 2	< 2	12	11	0.15	< 10	< 10	125	< 10	34
530-SD-004	201 229	< 1	< 0.01	9	340	2	< 2	1	11	0.07	< 10	< 10	21	< 10	10
530-SD-005	201 229	< 1	< 0.01	19	1290	10	< 2	2	11	0.08	< 10	< 10	51	< 10	56
530-SD-006	201 229	< 1	< 0.01	32	640	2	< 2	2	12	0.09	< 10	< 10	45	< 10	28
530-SD-007	201 229	< 1	< 0.01	9	300	< 2	< 2	< 1	8	0.06	< 10	< 10	23	< 10	8
530-SD-008	201 229	< 1	< 0.01	2	210	2	< 2	< 1	13	0.03	< 10	< 10	15	< 10	4
530-SD-009	201 229	< 1	0.01	13	910	2	< 2	2	19	0.08	< 10	< 10	25	< 10	30
530-SD-010	201 229	< 1	0.01	28	640	8	< 2	4	26	0.10	< 10	< 10	45	< 10	66
530-SD-011	201 229	< 1	0.01	11	1320	2	< 2	1	17	0.05	< 10	< 10	24	< 10	38
530-SD-012	201 229	< 1	0.01	21	610	6	< 2	4	26	0.11	< 10	< 10	40	< 10	58
530-SD-013	201 229	< 1	0.02	34	300	12	< 2	7	35	0.14	< 10	< 10	63	< 10	76
530-SD-014	201 229	< 1	0.01	10	430	2	< 2	2	20	0.09	< 10	< 10	26	< 10	20
530-SD-015	201 229	< 1	0.01	16	330	4	< 2	2	21	0.11	< 10	< 10	33	< 10	34
530-SD-016	201 229	< 1	0.01	12	580	4	< 2	2	13	0.09	< 10	< 10	29	< 10	38
530-SD-017	201 229	< 1	< 0.01	11	380	2	< 2	1	13	0.08	< 10	< 10	23	< 10	28
530-SD-018	201 229	< 1	0.01	15	290	4	< 2	2	18	0.09	< 10	< 10	33	< 10	34
530-SD-019	201 229	< 1	< 0.01	16	440	4	< 2	3	14	0.10	< 10	< 10	47	< 10	48
530-SD-020	201 229	< 1	0.02	32	330	12	< 2	7	38	0.14	< 10	< 10	66	< 10	74
530-SD-021	201 229	< 1	0.01	15	250	4	< 2	3	25	0.12	< 10	< 10	37	< 10	38
530-SD-022	201 229	< 1	< 0.01	12	640	4	< 2	1	15	0.08	< 10	< 10	31	< 10	60
530-SD-023	201 229	< 1	< 0.01	11	350	2	< 2	1	16	0.09	< 10	< 10	27	< 10	52
530-SD-024	201 229	< 1	< 0.01	6	460	2	< 2	< 1	11	0.04	< 10	< 10	24	< 10	14
530-SD-025	201 229	< 1	0.01	27	580	6	< 2	4	30	0.08	< 10	< 10	38	< 10	72
530-SD-026	201 229	< 1	0.01	27	800	8	< 2	5	33	0.09	< 10	< 10	43	< 10	78
530-SD-027	201 229	< 1	0.02	27	650	6	< 2	5	40	0.09	< 10	< 10	44	< 10	58
530-SD-028	201 229	< 1	0.01	21	740	6	< 2	3	38	0.06	< 10	< 10	34	< 10	44
530-SD-029	201 229	< 1	0.01	26	520	6	< 2	6	29	0.08	< 10	< 10	48	< 10	58
530-SD-030	201 229	< 1	0.01	21	590	6	< 2	4	25	0.08	< 10	< 10	38	< 10	40
530-SD-031	201 229	< 1	0.01	21	630	6	< 2	4	22	0.07	< 10	< 10	35	< 10	42
530-SD-032	201 229	< 1	0.01	33	670	6	< 2	6	27	0.07	< 10	< 10	43	< 10	58
530-SD-033	201 229	< 1	0.01	20	370	6	< 2	2	17	0.08	< 10	< 10	33	< 10	32
530-SD-034	201 229	< 1	< 0.01	103	470	6	< 2	4	11	0.27	< 10	< 10	126	< 10	90
530-SD-035	201 229	< 1	0.01	13	350	4	< 2	2	17	0.10	< 10	< 10	35	< 10	32

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 4-A  
 Total Pages : 4  
 Certificate Date: 13-AUG-95  
 Invoice No. : 19523757  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523757

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
530-SD-036	201	229	46	< 0.2	0.99	< 2	30	< 0.5	< 2	0.22	< 0.5	4	39	3	1.44	< 10	< 1	0.06	< 10	0.37	115
530-SD-037	201	229	< 1	< 0.2	1.06	2	50	< 0.5	< 2	0.32	< 0.5	4	31	5	1.38	< 10	< 1	0.16	< 10	0.42	220
530-SD-038	201	229	2	< 0.2	1.72	< 2	130	< 0.5	< 2	0.64	< 0.5	8	45	20	2.13	< 10	< 1	0.28	10	0.66	360
530-SD-039	201	229	< 1	< 0.2	1.68	2	130	< 0.5	< 2	0.64	< 0.5	7	38	29	1.97	< 10	< 1	0.16	20	0.52	240
530-SD-040	201	229	< 1	< 0.2	1.20	< 2	40	< 0.5	< 2	0.40	< 0.5	6	30	10	1.54	< 10	< 1	0.08	< 10	0.55	235
530-SD-041	201	229	37	< 0.2	1.42	8	40	< 0.5	< 2	0.27	< 0.5	6	34	18	1.65	< 10	< 1	0.04	< 10	0.40	155
530-SD-042	201	229	1	< 0.2	1.32	6	30	< 0.5	< 2	0.21	< 0.5	7	25	15	1.39	< 10	< 1	0.03	< 10	0.36	160
530-SD-043	201	229	3	< 0.2	2.09	10	80	< 0.5	< 2	0.23	< 0.5	10	43	20	3.11	< 10	< 1	0.08	< 10	0.50	305
530-SD-044	201	229	3	< 0.2	1.70	8	60	< 0.5	< 2	0.23	< 0.5	11	46	17	2.64	< 10	< 1	0.07	< 10	0.63	245
530-SD-045	201	229	9	< 0.2	1.18	6	20	< 0.5	< 2	0.20	< 0.5	6	30	32	1.51	< 10	< 1	0.03	< 10	0.34	120

CERTIFICATION: *Scott Paulsen*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 530  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :4-B  
Total Pages :4  
Certificate Date: 13-AUG-95  
Invoice No. :19523757  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9523757

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-SD-036	201 229	< 1	< 0.01	20	340	4	< 2	1	13	0.09	< 10	< 10	31	< 10	22
530-SD-037	201 229	< 1	0.01	14	290	4	< 2	2	18	0.09	< 10	< 10	30	< 10	30
530-SD-038	201 229	< 1	0.01	25	410	4	< 2	4	23	0.08	< 10	< 10	34	< 10	54
530-SD-039	201 229	< 1	0.01	23	530	4	< 2	4	20	0.07	< 10	< 10	35	< 10	36
530-SD-040	201 229	< 1	< 0.01	15	380	2	< 2	2	19	0.11	< 10	< 10	35	< 10	24
530-SD-041	201 229	< 1	< 0.01	22	510	2	< 2	2	13	0.11	< 10	< 10	38	< 10	28
530-SD-042	201 229	< 1	< 0.01	14	300	4	< 2	1	12	0.09	< 10	< 10	31	< 10	28
530-SD-043	201 229	< 1	< 0.01	24	370	6	< 2	3	13	0.13	< 10	< 10	82	< 10	56
530-SD-044	201 229	< 1	< 0.01	29	230	4	< 2	2	13	0.15	< 10	< 10	58	< 10	48
530-SD-045	201 229	< 1	< 0.01	22	450	2	< 2	1	8	0.09	< 10	< 10	30	< 10	18

CERTIFICATION: \_\_\_\_\_



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Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :1-A  
 Total Pages :3  
 Certificate Date: 22-AUG-95  
 Invoice No. :19524398  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS A9524398

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-CT-044	201 229	5 < 0.2	1.86	10	60 < 0.5	2	0.20 < 0.5	9	50	19	2.86 < 10	< 1	0.05 < 10	0.57	225					
530-CT-045	201 229	4 < 0.2	1.51	38	70 < 0.5	2	0.22 < 0.5	7	41	14	3.25 < 10	< 1	0.06 < 10	0.49	295					
530-CT-046	201 229	6 < 0.2	1.17	8	40 < 0.5	2	0.22 < 0.5	7	43	6	2.07 < 10	< 1	0.06 < 10	0.37	175					
530-CT-047	201 229	1 < 0.2	1.67	8	60 < 0.5	4	0.21 < 0.5	9	43	11	2.45 < 10	< 1	0.07 < 10	0.46	200					
530-CT-048	201 229	< 1 < 0.2	0.64	6	10 < 0.5	< 2	0.18 < 0.5	2	14	4	0.62 < 10	< 1	0.01 < 10	0.13	45					
530-CT-049	201 229	1 < 0.2	0.32	< 2	< 10 < 0.5	< 2	0.18 < 0.5	1	12	1	0.52 < 10	< 1	0.01 < 10	0.07	30					
530-CT-050	201 229	4 < 0.2	1.17	6	30 < 0.5	2	0.22 < 0.5	4	20	7	1.18 < 10	< 1	0.02 < 10	0.35	105					
530-CT-051	201 229	3 < 0.2	1.40	6	30 < 0.5	< 2	0.24 < 0.5	6	28	7	1.48 < 10	< 1	0.02 < 10	0.34	120					
530-CT-052	201 229	2 < 0.2	1.18	10	30 < 0.5	2	0.35 < 0.5	8	34	20	1.79 < 10	< 1	0.03 < 10	0.40	175					
530-CT-053	201 229	7 < 0.2	1.89	22	30 < 0.5	< 2	0.13 < 0.5	8	40	33	2.91 < 10	< 1	0.03 < 10	0.37	165					
530-CT-054	201 229	150 < 0.2	1.03	8	30 < 0.5	2	0.22 < 0.5	7	21	21	1.36 < 10	< 1	0.01 < 10	0.33	110					
530-CT-055	201 229	1 < 0.2	0.81	2	40 < 0.5	< 2	0.20 < 0.5	3	26	6	1.11 < 10	< 1	0.03 < 10	0.24	150					
530-CT-056	201 229	6 < 0.2	0.92	10	70 < 0.5	2	0.24 < 0.5	4	36	11	1.67 < 10	< 1	0.06 < 10	0.21	170					
530-CT-057	201 229	1 < 0.2	0.47	2	10 < 0.5	< 2	0.19 < 0.5	2	15	2	0.75 < 10	< 1	0.02 < 10	0.11	50					
530-CT-058	201 229	< 1 < 0.2	1.41	4	80 < 0.5	2	0.40 < 0.5	7	40	12	1.80 < 10	< 1	0.13 < 10	0.45	280					
530-CT-059	201 229	3 < 0.2	0.68	8	20 < 0.5	< 2	0.18 < 0.5	2	18	2	0.88 < 10	< 1	0.02 < 10	0.14	70					
530-CT-060	201 229	3 < 0.2	0.79	4	20 < 0.5	2	0.17 < 0.5	2	25	3	1.51 < 10	< 1	0.03 < 10	0.20	90					
530-CT-061	201 229	7 < 0.2	0.54	4	10 < 0.5	< 2	0.17 < 0.5	2	14	2	0.58 < 10	< 1	0.02 < 10	0.14	55					
530-CT-062	201 229	12 < 0.2	1.13	78	50 < 0.5	2	0.43 < 0.5	8	34	41	1.94 < 10	< 1	0.10 < 10	0.36	255					
530-CT-063	217 229	6 < 0.2	3.07	16	150 < 0.5	2	0.84 < 0.5	17	164	94	3.85 < 10	1	0.15 < 10	0.41	400					
530-CT-064	201 229	86 < 0.2	2.78	24	90 < 0.5	4	0.37 < 0.5	15	58	56	3.97 < 10	< 1	0.07 < 10	0.93	360					
530-CT-065	201 229	3 < 0.2	2.02	22	40 < 0.5	4	0.25 < 0.5	12	71	30	2.81 < 10	< 1	0.04 < 10	0.82	205					
530-CT-066	201 229	4 < 0.2	1.12	6	30 < 0.5	2	0.11 < 0.5	6	28	13	2.04 < 10	< 1	0.02 < 10	0.41	250					
530-CT-067	201 229	1 < 0.6	1.27	8	20 < 0.5	2	0.15 < 0.5	5	30	15	2.35 < 10	< 1	0.02 < 10	0.30	115					
530-CT-068	201 229	10 < 0.2	1.40	66	30 < 0.5	2	0.16 < 0.5	5	35	11	2.13 < 10	< 1	0.03 < 10	0.30	120					
530-CT-069	201 229	< 1 < 0.2	1.98	12	60 < 0.5	4	0.38 < 0.5	9	39	14	2.05 < 10	< 1	0.08 < 10	0.64	345					
530-CT-070	201 229	1 < 0.2	1.94	4	110 < 0.5	4	0.80 < 0.5	7	41	25	2.14 < 10	< 1	0.16 < 10	0.53	330					
530-CT-071	201 229	2 < 0.2	1.94	4	130 < 0.5	< 2	1.03 < 0.5	7	40	36	2.25 < 10	< 1	0.17 < 10	0.49	270					
530-DM-1325	201 229	1 < 0.2	0.84	4	20 < 0.5	< 2	0.25 < 0.5	4	33	29	1.45 < 10	< 1	0.06 < 10	0.29	120					
530-DM-1326	201 229	59 < 0.2	0.67	4	30 < 0.5	2	0.17 < 0.5	2	45	5	1.38 < 10	< 1	0.04 < 10	0.17	105					
530-DM-1327	217 229	1 < 0.2	0.91	4	40 < 0.5	2	0.33 < 0.5	5	196	7	1.52 < 10	< 1	0.14 < 10	0.48	205					
530-DM-1328	201 229	40 < 0.2	0.92	10	30 < 0.5	4	0.40 < 0.5	4	37	12	1.69 < 10	< 1	0.05 < 10	0.37	140					
530-DM-1329	201 229	2 < 0.2	0.80	2	30 < 0.5	< 2	0.42 < 0.5	5	37	10	1.37 < 10	< 1	0.08 < 10	0.39	115					
530-DM-1330	201 229	< 1 < 0.2	1.84	8	90 < 0.5	4	0.56 < 0.5	11	94	22	2.52 < 10	< 1	0.21 < 10	0.94	255					
530-DM-1331	201 229	5 < 0.2	0.54	4	70 < 0.5	< 2	0.17 < 0.5	3	46	4	1.29 < 10	< 1	0.03 < 10	0.13	240					
530-DM-1332	217 229	< 1 < 0.2	1.93	6	110 < 0.5	2	1.00 < 0.5	10	109	18	2.56 < 10	< 1	0.26 < 10	0.64	465					
530-DM-1333	217 229	1 < 0.2	2.57	10	170 < 0.5	2	0.81 < 0.5	12	75	22	3.02 < 10	< 1	0.42 < 10	0.88	925					
530-DM-1334	201 229	4 < 0.2	1.46	8	70 < 0.5	2	0.63 < 0.5	8	48	13	2.39 < 10	< 1	0.18 < 10	0.61	325					
530-DM-1335	201 229	3 < 0.2	2.39	4	140 < 0.5	6	0.85 < 0.5	11	62	36	3.00 < 10	< 1	0.39 < 10	1.02	430					
530-DM-1336	201 229	2 < 0.2	1.49	6	60 < 0.5	2	0.39 < 0.5	7	36	9	1.94 < 10	< 1	0.18 < 10	0.56	235					

CERTIFICATION: \_\_\_\_\_





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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Project : 530  
Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number : 1-B  
Total Pages : 3  
Certificate Date: 22-AUG-95  
Invoice No. : 19524398  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9524398

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-CT-044	201	229	< 1	< 0.01	30	290	6	< 2	2	13	0.14	< 10	< 10	65	< 10	44
530-CT-045	201	229	< 1	< 0.01	22	1330	10	< 2	2	17	0.09	< 10	< 10	55	< 10	80
530-CT-046	201	229	< 1	< 0.01	19	400	8	< 2	2	13	0.11	< 10	< 10	39	< 10	48
530-CT-047	201	229	< 1	< 0.01	23	230	6	< 2	2	15	0.14	< 10	< 10	54	< 10	60
530-CT-048	201	229	< 1	< 0.01	7	260	2	< 2	< 1	10	0.08	< 10	< 10	14	< 10	8
530-CT-049	201	229	< 1	< 0.01	3	340	< 2	2	< 1	10	0.06	< 10	< 10	12	< 10	4
530-CT-050	201	229	< 1	< 0.01	9	110	6	2	2	12	0.15	< 10	< 10	37	< 10	22
530-CT-051	201	229	< 1	< 0.01	13	200	4	2	2	15	0.13	< 10	< 10	34	< 10	20
530-CT-052	201	229	< 1	< 0.01	23	180	4	< 2	2	19	0.13	< 10	< 10	41	< 10	20
530-CT-053	201	229	< 1	< 0.01	21	360	4	< 2	2	8	0.12	< 10	< 10	60	< 10	34
530-CT-054	201	229	< 1	< 0.01	19	110	6	2	2	10	0.11	< 10	< 10	33	< 10	22
530-CT-055	201	229	< 1	< 0.01	10	70	4	< 2	1	15	0.08	< 10	< 10	26	< 10	16
530-CT-056	201	229	< 1	< 0.01	17	150	6	2	1	17	0.10	< 10	< 10	35	< 10	18
530-CT-057	201	229	< 1	< 0.01	4	180	4	< 2	< 1	9	0.07	< 10	< 10	18	< 10	6
530-CT-058	201	229	< 1	0.01	18	190	6	< 2	2	21	0.10	< 10	< 10	38	< 10	32
530-CT-059	201	229	< 1	< 0.01	6	180	4	< 2	1	13	0.09	< 10	< 10	22	< 10	10
530-CT-060	201	229	< 1	< 0.01	9	130	6	< 2	1	16	0.14	< 10	< 10	40	< 10	16
530-CT-061	201	229	< 1	< 0.01	5	120	4	< 2	1	12	0.09	< 10	< 10	16	< 10	8
530-CT-062	201	229	< 1	0.01	23	210	2	2	3	20	0.13	< 10	< 10	39	< 10	24
530-CT-063	217	229	< 1	0.02	47	250	8	< 2	5	39	0.12	< 10	< 10	58	< 10	30
530-CT-064	201	229	< 1	< 0.01	43	370	12	4	3	18	0.13	< 10	< 10	74	< 10	66
530-CT-065	201	229	< 1	< 0.01	50	210	4	< 2	1	28	0.16	< 10	< 10	62	< 10	44
530-CT-066	201	229	< 1	< 0.01	16	100	6	< 2	1	6	0.14	< 10	< 10	52	< 10	20
530-CT-067	201	229	< 1	< 0.01	12	320	4	2	1	8	0.09	< 10	< 10	43	< 10	24
530-CT-068	201	229	< 1	< 0.01	12	210	6	< 2	2	11	0.09	< 10	< 10	42	< 10	34
530-CT-069	201	229	< 1	0.01	19	180	6	< 2	3	24	0.11	< 10	< 10	42	< 10	48
530-CT-070	201	229	< 1	< 0.01	22	460	8	< 2	4	26	0.08	< 10	< 10	41	< 10	44
530-CT-071	201	229	< 1	0.01	23	520	8	< 2	4	25	0.08	< 10	< 10	43	< 10	48
530-DM-1325	201	229	< 1	< 0.01	14	350	6	< 2	1	15	0.09	< 10	< 10	31	< 10	42
530-DM-1326	201	229	< 1	< 0.01	13	150	4	2	1	10	0.09	< 10	< 10	27	< 10	30
530-DM-1327	217	229	< 1	0.06	27	210	4	2	2	24	0.08	< 10	< 10	34	< 10	22
530-DM-1328	201	229	< 1	< 0.01	28	650	4	< 2	1	15	0.10	< 10	< 10	31	< 10	26
530-DM-1329	201	229	< 1	< 0.01	20	530	2	< 2	2	15	0.10	< 10	< 10	30	< 10	24
530-DM-1330	201	229	< 1	0.01	68	380	8	< 2	3	24	0.11	< 10	< 10	42	< 10	54
530-DM-1331	201	229	< 1	< 0.01	9	520	2	2	1	12	0.06	< 10	< 10	24	< 10	26
530-DM-1332	217	229	< 1	0.02	23	650	8	< 2	4	29	0.09	< 10	< 10	44	< 10	56
530-DM-1333	217	229	< 1	0.02	35	520	10	< 2	6	33	0.10	< 10	< 10	60	< 10	72
530-DM-1334	201	229	< 1	< 0.01	22	700	6	4	3	18	0.10	< 10	< 10	43	< 10	44
530-DM-1335	201	229	< 1	0.02	34	570	10	< 2	6	29	0.12	< 10	< 10	57	< 10	76
530-DM-1336	201	229	< 1	< 0.01	17	320	6	< 2	2	19	0.09	< 10	< 10	36	< 10	42

CERTIFICATION: \_\_\_\_\_



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 530  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :2-A  
 Total Pages :3  
 Certificate Date:22-AUG-95  
 Invoice No. :19524398  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS A9524398

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-1337	201 229	< 1	< 0.2	1.69	< 2	90	0.5	2	0.47	< 0.5	7	40	10	2.00	< 10	1	0.25	10	0.57	280
530-DM-1338	201 229	< 1	< 0.2	0.99	2	30	< 0.5	< 2	0.21	< 0.5	4	30	4	1.36	< 10	< 1	0.04	< 10	0.18	90
530-DM-1339	201 229	3	< 0.2	0.89	6	40	< 0.5	2	0.15	< 0.5	4	40	9	1.83	< 10	< 1	0.02	< 10	0.25	125
530-DM-1340	201 229	4	< 0.2	1.69	6	50	< 0.5	4	0.34	< 0.5	14	75	11	3.24	< 10	1	0.11	< 10	0.63	220
530-DM-1367	201 229	< 1	< 0.2	1.22	< 2	40	< 0.5	2	0.49	< 0.5	5	36	17	1.39	< 10	< 1	0.09	10	0.46	140
530-DM-1368	201 229	< 1	< 0.2	1.34	6	40	< 0.5	2	0.45	< 0.5	8	31	193	1.42	< 10	1	0.07	10	0.34	180
530-DM-1369	201 229	< 1	< 0.2	2.61	10	100	0.5	4	0.28	< 0.5	12	58	25	3.47	< 10	1	0.06	< 10	0.84	420
530-DM-1370	201 229	1	< 0.2	2.09	4	60	< 0.5	2	0.16	< 0.5	8	31	12	2.22	< 10	< 1	0.04	< 10	0.39	135
530-DM-1371	201 229	4	0.2	1.60	< 2	50	< 0.5	2	0.29	< 0.5	9	39	10	2.08	< 10	1	0.13	< 10	0.68	280
530-DM-1372	201 229	3	< 0.2	1.45	6	30	< 0.5	2	0.16	< 0.5	6	30	6	2.30	< 10	< 1	0.04	< 10	0.36	125
530-DM-1373	201 229	< 1	< 0.2	1.45	< 2	40	< 0.5	< 2	0.24	< 0.5	10	22	73	2.06	< 10	< 1	0.07	< 10	0.44	200
530-DM-1374	201 229	1	< 0.2	0.59	< 2	20	< 0.5	2	0.16	< 0.5	2	21	2	1.21	< 10	1	0.03	< 10	0.12	75
530-DM-1375	201 229	1	< 0.2	1.40	4	60	< 0.5	2	0.20	< 0.5	5	34	6	2.21	< 10	< 1	0.08	< 10	0.31	120
530-DM-1376	201 229	28	< 0.2	0.88	< 2	80	< 0.5	2	0.28	< 0.5	6	24	2	1.08	< 10	< 1	0.07	< 10	0.30	325
530-DM-1377	201 229	2	< 0.2	0.72	< 2	30	< 0.5	2	0.24	< 0.5	4	22	2	0.98	< 10	1	0.10	< 10	0.27	160
530-DM-1378	217 229	< 1	< 0.2	2.70	< 2	120	0.5	4	0.41	< 0.5	9	65	22	3.02	< 10	1	0.42	10	0.86	250
530-DM-1379	201 229	1	< 0.2	2.36	< 2	110	0.5	4	0.47	< 0.5	11	54	17	2.68	< 10	< 1	0.38	10	0.88	350
530-DM-1380	201 229	< 1	< 0.2	2.49	2	120	0.5	4	0.65	< 0.5	11	54	17	2.77	< 10	1	0.43	10	0.87	290
530-DM-1381	201 229	< 1	< 0.2	0.60	< 2	30	< 0.5	2	0.27	< 0.5	2	18	1	0.80	< 10	1	0.08	< 10	0.23	120
530-DM-1382	201 229	< 1	< 0.2	1.45	< 2	60	< 0.5	2	0.38	< 0.5	7	37	11	1.59	< 10	< 1	0.08	10	0.51	250
530-DM-1383	201 229	44	< 0.2	1.66	< 2	40	< 0.5	< 2	0.30	< 0.5	8	40	6	1.99	< 10	< 1	0.11	< 10	0.49	175
530-DM-1384	201 229	1	< 0.2	1.56	< 2	80	< 0.5	4	0.37	< 0.5	12	47	7	2.13	< 10	1	0.10	10	0.65	445
530-DM-1385	201 229	< 1	< 0.2	1.91	2	120	0.5	2	0.38	< 0.5	12	45	12	2.15	< 10	< 1	0.24	10	0.70	505
530-DM-1386	201 229	< 1	< 0.2	1.22	< 2	80	< 0.5	2	0.30	< 0.5	8	32	8	1.44	< 10	< 1	0.15	10	0.45	390
530-DM-1387	201 229	< 1	< 0.2	1.60	< 2	60	< 0.5	2	0.32	< 0.5	6	38	14	1.91	< 10	< 1	0.18	10	0.54	185
530-DM-1388	201 229	< 1	< 0.2	1.84	2	90	0.5	2	0.66	< 0.5	10	46	17	2.27	< 10	1	0.36	10	0.74	335
530-HL-005	201 229	< 1	< 0.2	0.11	< 2	< 10	< 0.5	< 2	0.06	< 0.5	< 1	15	< 1	0.72	< 10	< 1	0.01	< 10	0.01	60
530-HL-006	201 229	< 1	< 0.2	0.46	< 2	10	< 0.5	2	0.20	< 0.5	1	11	1	0.42	< 10	< 1	0.01	< 10	0.11	30
530-HL-007	201 229	< 1	< 0.2	0.77	4	30	< 0.5	< 2	0.71	< 0.5	3	20	9	0.81	< 10	1	0.02	10	0.19	200
530-JC-377	201 229	3	< 0.2	0.77	6	20	< 0.5	< 2	0.27	< 0.5	4	25	5	0.98	< 10	< 1	0.02	< 10	0.28	95
530-JC-378	201 229	2	< 0.2	1.55	18	60	< 0.5	2	0.23	< 0.5	13	50	19	2.34	< 10	1	0.07	< 10	0.37	265
530-JC-379	201 229	1	< 0.2	0.75	6	20	< 0.5	< 2	0.18	< 0.5	3	23	8	1.32	< 10	< 1	0.03	< 10	0.20	85
530-JC-380	201 229	2	< 0.2	1.51	14	60	< 0.5	2	0.27	< 0.5	9	47	14	2.14	< 10	< 1	0.03	< 10	0.42	190
530-JC-534	201 229	5	< 0.2	1.21	18	30	< 0.5	< 2	0.21	< 0.5	9	55	14	2.06	< 10	< 1	0.04	< 10	0.37	150
530-JC-535	201 229	1	< 0.2	0.93	< 2	30	< 0.5	2	0.26	< 0.5	3	28	3	1.31	< 10	2	0.04	< 10	0.29	100
530-JC-536	201 229	3	< 0.2	0.62	2	20	< 0.5	2	0.16	< 0.5	3	51	2	1.40	< 10	1	0.03	< 10	0.26	80
530-JC-537	201 229	< 1	< 0.2	0.64	4	20	< 0.5	< 2	0.16	< 0.5	2	23	2	1.09	< 10	1	0.03	< 10	0.16	90
530-JC-538	201 229	< 1	< 0.2	1.01	< 2	70	< 0.5	< 2	0.57	< 0.5	4	29	7	1.24	< 10	< 1	0.10	10	0.33	270
530-JC-539	201 229	< 1	< 0.2	0.35	< 2	10	< 0.5	< 2	0.23	< 0.5	1	12	1	0.49	< 10	< 1	0.03	< 10	0.11	50
530-JC-540	201 229	1	< 0.2	1.33	< 2	60	< 0.5	2	0.27	< 0.5	9	36	6	1.68	< 10	< 1	0.13	< 10	0.51	280

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 530  
Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :2-B  
Total Pages :3  
Certificate Date: 22-AUG-95  
Invoice No. :19524398  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9524398

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-1337	201 229	< 1	0.01	17	470	4	< 2	4	24	0.09	< 10	< 10	35	< 10	42
530-DM-1338	201 229	< 1	< 0.01	11	550	2	< 2	1	16	0.08	< 10	< 10	29	< 10	28
530-DM-1339	201 229	< 1	< 0.01	11	340	8	< 2	2	9	0.07	< 10	< 10	42	< 10	46
530-DM-1340	201 229	< 1	< 0.01	38	1850	10	< 2	3	20	0.12	< 10	< 10	61	< 10	50
530-DM-1367	201 229	< 1	0.01	14	600	2	< 2	3	24	0.10	< 10	< 10	31	< 10	26
530-DM-1368	201 229	< 1	< 0.01	24	260	4	< 2	3	16	0.10	< 10	< 10	29	< 10	28
530-DM-1369	201 229	< 1	< 0.01	25	1470	8	< 2	3	13	0.13	< 10	< 10	81	< 10	98
530-DM-1370	201 229	< 1	< 0.01	17	420	6	< 2	2	11	0.11	< 10	< 10	42	< 10	38
530-DM-1371	201 229	< 1	< 0.01	20	360	6	< 2	3	17	0.13	< 10	< 10	45	< 10	48
530-DM-1372	201 229	< 1	< 0.01	13	630	4	< 2	2	11	0.10	< 10	< 10	46	< 10	42
530-DM-1373	201 229	< 1	< 0.01	20	470	2	< 2	2	12	0.11	< 10	< 10	50	< 10	42
530-DM-1374	201 229	< 1	< 0.01	6	490	4	< 2	1	11	0.06	< 10	< 10	26	< 10	20
530-DM-1375	201 229	< 1	< 0.01	13	1960	6	< 2	2	15	0.09	< 10	< 10	40	< 10	82
530-DM-1376	201 229	< 1	< 0.01	11	280	2	< 2	2	18	0.10	< 10	< 10	24	< 10	54
530-DM-1377	201 229	< 1	< 0.01	9	190	2	< 2	2	15	0.09	< 10	< 10	24	< 10	34
530-DM-1378	217 229	< 1	0.01	25	590	12	< 2	6	29	0.09	< 10	< 10	62	< 10	70
530-DM-1379	201 229	< 1	0.01	26	370	10	< 2	6	30	0.12	< 10	< 10	59	< 10	66
530-DM-1380	201 229	< 1	0.01	28	620	8	< 2	7	32	0.13	< 10	< 10	56	< 10	62
530-DM-1381	201 229	< 1	< 0.01	7	160	2	< 2	1	18	0.10	< 10	< 10	20	< 10	22
530-DM-1382	201 229	< 1	0.01	17	250	6	< 2	3	24	0.13	< 10	< 10	39	< 10	62
530-DM-1383	201 229	< 1	0.01	17	730	4	< 2	3	18	0.12	< 10	< 10	40	< 10	52
530-DM-1384	201 229	< 1	< 0.01	20	460	4	< 2	3	21	0.13	< 10	< 10	46	< 10	48
530-DM-1385	201 229	< 1	0.01	23	410	6	< 2	4	28	0.11	< 10	< 10	47	< 10	54
530-DM-1386	201 229	< 1	< 0.01	16	370	4	< 2	3	20	0.09	< 10	< 10	32	< 10	42
530-DM-1387	201 229	< 1	0.01	18	340	4	< 2	4	22	0.08	< 10	< 10	42	< 10	40
530-DM-1388	201 229	< 1	0.01	23	400	4	< 2	5	24	0.12	< 10	< 10	44	< 10	50
530-HL-005	201 229	< 1	< 0.01	2	30	< 2	< 2	< 1	4	0.03	< 10	< 10	16	< 10	2
530-HL-006	201 229	< 1	< 0.01	5	400	< 2	< 2	< 1	9	0.05	< 10	< 10	11	< 10	6
530-HL-007	201 229	< 1	< 0.01	8	570	4	< 2	1	19	0.08	< 10	< 10	19	< 10	14
530-JC-377	201 229	< 1	< 0.01	13	200	< 2	< 2	2	16	0.11	< 10	< 10	28	< 10	18
530-JC-378	201 229	< 1	< 0.01	40	1430	4	< 2	2	15	0.09	< 10	< 10	43	< 10	48
530-JC-379	201 229	< 1	< 0.01	12	200	2	< 2	1	11	0.11	< 10	< 10	34	< 10	16
530-JC-380	201 229	< 1	< 0.01	37	160	6	< 2	3	16	0.15	< 10	< 10	53	< 10	26
530-JC-534	201 229	< 1	< 0.01	46	660	4	< 2	2	12	0.10	< 10	< 10	39	< 10	28
530-JC-535	201 229	< 1	< 0.01	10	220	2	< 2	2	18	0.10	< 10	< 10	31	< 10	18
530-JC-536	201 229	< 1	< 0.01	15	90	4	< 2	1	11	0.10	< 10	< 10	32	< 10	16
530-JC-537	201 229	< 1	< 0.01	6	370	4	< 2	1	12	0.07	< 10	< 10	24	< 10	20
530-JC-538	201 229	< 1	< 0.01	13	330	4	< 2	2	19	0.08	< 10	< 10	27	< 10	30
530-JC-539	201 229	< 1	< 0.01	4	540	< 2	< 2	< 1	10	0.04	< 10	< 10	12	< 10	10
530-JC-540	201 229	< 1	< 0.01	17	200	4	< 2	2	19	0.11	< 10	< 10	35	< 10	36

CERTIFICATION: 



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :3-A  
 Total Pages :3  
 Certificate Date: 22-AUG-95  
 Invoice No. : 19524398  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS

## A9524398

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-JC-541	201 229	< 1	< 0.2	0.28	< 2	20	< 0.5	2	0.11	< 0.5	1	23	1	0.89	< 10	< 1	0.02	< 10	0.07	95
530-JC-542	201 229	1	< 0.2	2.87	18	60	< 0.5	6	0.23	< 0.5	15	68	24	3.06	< 10	< 1	0.06	< 10	0.89	210
530-JC-543	201 229	2	< 0.2	0.94	< 2	20	< 0.5	< 2	0.17	< 0.5	3	19	5	0.80	< 10	< 1	0.03	< 10	0.19	70
530-JC-544	201 229	38	0.2	1.63	20	40	< 0.5	2	0.21	< 0.5	10	41	17	2.53	< 10	< 1	0.09	< 10	0.38	180

CERTIFICATION: \_\_\_\_\_



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Project : 530  
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## CERTIFICATE OF ANALYSIS

### A9524398

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-JC-541	201 229	< 1	< 0.01	4	100	< 2	2	< 1	9	0.06	< 10	< 10	18	< 10	6
530-JC-542	201 229	< 1	< 0.01	43	530	6	< 2	3	15	0.15	< 10	< 10	65	< 10	62
530-JC-543	201 229	< 1	< 0.01	9	140	4	< 2	1	13	0.09	< 10	< 10	22	< 10	12
530-JC-544	201 229	< 1	< 0.01	32	370	6	< 2	2	15	0.13	< 10	< 10	57	< 10	30

CERTIFICATION: H. S. Deveau



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 5175 Timberlea Blvd., Mississauga  
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P.O. BOX 158  
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Page Number : 1-A  
 Total Pages : 3  
 Certificate Date: 20-JUL-95  
 Invoice No. : 19521518  
 P.O. Number :  
 Account : GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS A9521518

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-077	201 229	2 < 0.2	1.03	< 2	40 < 0.5	< 2	0.36 < 0.5	4	29	9	1.46	< 10	< 1	0.16	10	0.45	230			
530-DM-079	201 229	< 1 < 0.2	1.11	6	70 < 0.5	< 2	0.36 < 0.5	5	26	8	1.32	< 10	< 1	0.13	10	0.40	325			
530-DM-081	201 229	2 < 0.2	0.80	4	20 < 0.5	< 2	0.29 < 0.5	4	24	4	1.26	< 10	< 1	0.10	< 10	0.36	185			
530-DM-082	201 229	2 < 0.2	0.80	< 2	30 < 0.5	< 2	0.22 < 0.5	6	21	12	1.25	< 10	< 1	0.05	< 10	0.28	255			
530-DM-083	201 229	< 1 < 0.2	0.89	< 2	60 < 0.5	< 2	0.24 < 0.5	4	23	8	1.14	< 10	< 1	0.02	< 10	0.29	260			
530-DM-084	201 229	3 < 0.2	1.68	< 2	40 < 0.5	< 2	0.32 < 0.5	10	59	19	2.40	< 10	< 1	0.04	< 10	0.71	320			
530-DM-085	201 229	3 < 0.2	2.32	6	60 < 0.5	< 2	0.30 < 0.5	9	49	31	2.78	< 10	< 1	0.04	< 10	0.52	205			
530-DM-086	201 229	5 < 0.2	2.75	< 2	90 < 0.5	< 2	0.28 < 0.5	14	77	22	3.63	10	< 1	0.11	< 10	1.01	290			
530-DM-088	201 229	2 < 0.2	1.95	14	60 < 0.5	< 2	0.31 < 0.5	6	36	11	2.27	10	< 1	0.06	10	0.48	270			
530-DM-089	201 229	103 < 0.2	1.97	24	70 < 0.5	2	0.23 < 0.5	6	43	14	3.32	10	< 1	0.06	< 10	0.45	210			
530-DM-090	201 229	2 < 0.2	1.59	4	80 < 0.5	< 2	0.28 < 0.5	7	38	13	2.16	< 10	< 1	0.07	10	0.40	170			
530-DM-091	201 229	< 1 < 0.2	1.16	10	40 < 0.5	< 2	0.25 < 0.5	7	40	10	1.90	< 10	< 1	0.07	< 10	0.41	185			
530-DM-092	201 229	< 1 < 0.2	0.76	< 2	20 < 0.5	< 2	0.27 < 0.5	3	27	4	1.40	< 10	< 1	0.06	< 10	0.31	130			
530-DM-093	201 229	24 < 0.2	2.00	332	80 < 0.5	< 2	0.71 < 0.5	8	42	50	1.93	10	< 1	0.06	20	0.57	350			
530-DM-095	201 229	8 < 0.2	2.75	124	80 < 0.5	< 2	0.35 < 0.5	21	114	39	3.89	10	< 1	0.03	10	0.95	575			
530-DM-097	201 229	2 < 0.2	2.17	8	90 < 0.5	< 2	0.22 < 0.5	10	44	20	2.09	< 10	< 1	0.05	< 10	0.40	145			
530-DM-098	201 229	2 < 0.2	2.35	22	180 < 0.5	< 2	0.27 < 0.5	15	35	20	2.41	10	< 1	0.10	10	0.63	570			
530-DM-100	201 229	6 < 0.2	2.42	8	70 < 0.5	< 2	0.27 < 0.5	12	65	14	2.88	10	< 1	0.08	< 10	0.75	300			
530-DM-102	201 229	2 < 0.2	1.75	4	110 < 0.5	< 2	0.29 < 0.5	12	61	11	2.43	< 10	< 1	0.11	10	0.63	790			
530-DM-104	201 229	10 < 0.2	1.68	12	90 < 0.5	< 2	0.18 < 0.5	7	39	10	2.46	< 10	< 1	0.09	< 10	0.33	155			
530-DM-106	201 229	4 < 0.2	1.17	4	50 < 0.5	< 2	0.27 < 0.5	6	36	15	1.68	< 10	< 1	0.07	< 10	0.39	160			
530-DM-108	201 229	4 < 0.2	0.95	8	30 < 0.5	< 2	0.30 < 0.5	6	36	7	1.43	< 10	< 1	0.12	< 10	0.46	195			
530-DM-109	201 229	3 < 0.2	3.59	214	100 < 0.5	2	0.31 < 0.5	21	158	47	5.54	< 10	< 1	0.08	< 10	2.68	690			
530-DM-111	201 229	6 < 0.2	1.44	4	20 < 0.5	< 2	0.24 < 0.5	6	34	12	1.55	< 10	< 1	0.04	< 10	0.52	175			
530-DM-112	201 229	9 < 0.2	1.18	8	30 < 0.5	< 2	0.26 < 0.5	7	45	9	1.88	< 10	< 1	0.07	< 10	0.59	180			
530-DM-113	201 229	4 < 0.2	0.93	6	20 < 0.5	< 2	0.29 < 0.5	3	20	9	0.84	< 10	< 1	0.02	< 10	0.31	120			
530-DM-115	201 229	6 < 0.2	2.28	16	70 < 0.5	< 2	0.24 < 0.5	10	51	23	3.03	< 10	< 1	0.07	< 10	0.55	190			
530-DM-116	201 229	4 < 0.2	2.00	18	70 < 0.5	< 2	0.19 < 0.5	8	37	19	2.34	< 10	< 1	0.05	< 10	0.40	140			
530-DM-117	201 229	< 1 < 0.2	1.29	4	60 < 0.5	< 2	0.35 < 0.5	7	33	7	1.53	< 10	< 1	0.09	10	0.48	235			
530-DM-118	201 229	4 < 0.2	2.16	20	90 < 0.5	2	0.35 < 0.5	16	48	21	3.35	< 10	< 1	0.10	< 10	0.59	500			
530-DM-120	201 229	3 < 0.2	1.54	26	60 < 0.5	< 2	0.18 < 0.5	6	39	11	2.64	< 10	< 1	0.07	< 10	0.36	155			
530-DM-122	201 229	4 < 0.2	1.37	12	60 < 0.5	< 2	0.20 < 0.5	8	38	10	2.16	< 10	< 1	0.07	< 10	0.44	175			
530-DM-123	201 229	9 < 0.2	1.19	2	30 < 0.5	< 2	0.17 < 0.5	6	31	9	1.65	< 10	< 1	0.04	< 10	0.38	115			
530-DM-125	201 229	< 1 < 0.2	1.88	2	120 < 0.5	< 2	0.46 < 0.5	11	45	21	2.24	< 10	< 1	0.22	10	0.62	290			
530-DM-126	201 229	3 < 0.2	0.75	4	20 < 0.5	< 2	0.16 < 0.5	4	28	6	1.52	< 10	< 1	0.04	< 10	0.22	95			
530-DM-127	201 229	3 < 0.2	1.95	8	50 < 0.5	< 2	0.20 < 0.5	10	39	16	2.30	< 10	< 1	0.08	< 10	0.38	175			
530-DM-129	201 229	2 < 0.2	0.99	14	20 < 0.5	< 2	0.18 < 0.5	3	29	6	1.69	< 10	< 1	0.03	< 10	0.17	75			
530-DM-131	201 229	3 < 0.2	1.19	8	30 < 0.5	< 2	0.20 < 0.5	5	30	10	1.60	< 10	< 1	0.03	< 10	0.30	110			
530-DM-132	201 229	45 < 0.2	1.52	20	20 < 0.5	< 2	0.25 < 0.5	6	38	21	1.81	< 10	< 1	0.03	< 10	0.35	130			
530-DM-133	201 229	5 < 0.2	1.21	2	30 < 0.5	< 2	0.21 < 0.5	5	30	11	1.48	< 10	< 1	0.05	< 10	0.29	100			

CERTIFICATION: *Heath Beale*



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## A9521518

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-077	201 229	< 1	0.01	14	430	2	< 2	2	19	0.09	< 10	< 10	34	< 10	30
530-DM-079	201 229	< 1	0.01	14	410	6	< 2	2	21	0.08	< 10	< 10	30	< 10	34
530-DM-081	201 229	< 1	0.01	12	480	4	< 2	1	13	0.08	< 10	< 10	28	< 10	24
530-DM-082	201 229	< 1	0.01	11	300	6	< 2	1	10	0.07	< 10	< 10	25	< 10	30
530-DM-083	201 229	< 1	0.01	11	130	4	< 2	1	11	0.10	< 10	< 10	27	< 10	34
530-DM-084	201 229	< 1	0.01	25	220	4	2	3	11	0.14	< 10	< 10	54	< 10	52
530-DM-085	201 229	< 1	0.01	28	360	12	< 2	3	12	0.11	< 10	< 10	57	< 10	54
530-DM-086	201 229	< 1	0.01	40	390	4	< 2	4	18	0.19	< 10	< 10	83	< 10	56
530-DM-088	201 229	< 1	0.01	15	290	12	< 2	2	21	0.15	< 10	< 10	53	< 10	36
530-DM-089	201 229	1	0.01	18	410	12	2	3	17	0.12	< 10	< 10	73	< 10	54
530-DM-090	201 229	< 1	0.01	17	1550	6	< 2	2	17	0.09	< 10	< 10	40	< 10	46
530-DM-091	201 229	< 1	0.01	17	370	6	< 2	2	16	0.12	< 10	< 10	40	< 10	42
530-DM-092	201 229	< 1	0.01	10	260	4	< 2	2	16	0.11	< 10	< 10	32	< 10	22
530-DM-093	201 229	< 1	0.02	24	350	8	< 2	4	21	0.10	< 10	< 10	43	< 10	38
530-DM-095	201 229	< 1	0.01	38	290	8	< 2	7	12	0.11	< 10	< 10	108	< 10	54
530-DM-097	201 229	< 1	0.01	29	340	8	2	2	14	0.12	< 10	< 10	42	< 10	28
530-DM-098	201 229	< 1	0.01	25	470	10	2	3	18	0.10	< 10	< 10	47	< 10	72
530-DM-100	201 229	< 1	0.02	25	580	4	< 2	4	19	0.14	< 10	< 10	66	< 10	68
530-DM-102	201 229	< 1	0.01	27	700	6	< 2	4	24	0.14	< 10	< 10	50	< 10	80
530-DM-104	201 229	< 1	0.01	16	2700	10	< 2	2	14	0.09	< 10	< 10	41	< 10	46
530-DM-106	201 229	< 1	0.01	19	440	6	< 2	2	15	0.10	< 10	< 10	37	< 10	24
530-DM-108	201 229	< 1	0.01	16	380	6	2	2	17	0.09	< 10	< 10	34	< 10	28
530-DM-109	201 229	< 1	0.01	50	530	6	2	16	12	0.20	< 10	< 10	139	< 10	96
530-DM-111	201 229	< 1	0.01	16	300	4	< 2	2	16	0.13	< 10	< 10	40	< 10	28
530-DM-112	201 229	< 1	0.01	20	80	6	< 2	3	20	0.15	< 10	< 10	50	< 10	28
530-DM-113	201 229	< 1	0.01	8	90	4	2	2	18	0.14	< 10	< 10	26	< 10	22
530-DM-115	201 229	1	0.01	29	490	4	< 2	3	17	0.15	< 10	< 10	57	< 10	40
530-DM-116	201 229	1	0.01	23	430	6	2	2	16	0.12	< 10	< 10	51	< 10	32
530-DM-117	201 229	< 1	0.02	14	80	2	< 2	3	23	0.12	< 10	< 10	38	< 10	34
530-DM-118	201 229	1	0.01	23	360	8	2	3	15	0.19	< 10	< 10	85	< 10	80
530-DM-120	201 229	< 1	0.01	18	1550	8	< 2	2	14	0.10	< 10	< 10	48	< 10	52
530-DM-122	201 229	< 1	0.01	25	250	6	< 2	2	14	0.12	< 10	< 10	49	< 10	28
530-DM-123	201 229	< 1	0.01	14	230	4	< 2	3	10	0.10	< 10	< 10	43	< 10	26
530-DM-125	201 229	< 1	0.02	20	160	8	< 2	4	25	0.10	< 10	< 10	46	< 10	44
530-DM-126	201 229	< 1	0.01	11	130	4	< 2	1	11	0.10	< 10	< 10	34	< 10	24
530-DM-127	201 229	< 1	0.01	24	790	8	2	2	15	0.10	< 10	< 10	44	< 10	44
530-DM-129	201 229	< 1	0.01	14	310	2	2	1	12	0.11	< 10	< 10	34	< 10	12
530-DM-131	201 229	< 1	0.01	14	200	< 2	< 2	2	14	0.12	< 10	< 10	37	< 10	20
530-DM-132	201 229	< 1	0.01	22	310	2	2	2	15	0.13	< 10	< 10	37	< 10	18
530-DM-133	201 229	< 1	0.01	17	150	6	< 2	2	15	0.13	< 10	< 10	35	< 10	22

CERTIFICATION:

*Hartl Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project :  
Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

Page Number : 2-A  
Total Pages : 3  
Certificate Date: 20-JUL-95  
Invoice No. : 19521518  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9521518

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-135	201 229	14 < 0.2	1.39	6	50 < 0.5	< 2	0.20 < 0.5	6	36	11	1.54 < 10	< 1	0.04 < 10	0.34	110					
530-DM-137	201 229	10 < 0.2	1.77	20	50 < 0.5	< 2	0.18 < 0.5	8	42	15	2.27 < 10	< 1	0.05 < 10	0.41	170					
530-DM-139	201 229	4 < 0.2	1.47	38	40 < 0.5	< 2	0.35 < 0.5	9	64	30	1.75 < 10	< 1	0.04 < 10	0.72	210					
530-DM-140	201 229	1 < 0.2	2.71	22	30 < 0.5	2	0.34 < 0.5	23	95	52	3.78 < 10	< 1	0.09 < 10	1.71	725					
530-DM-142	201 229	3 < 0.2	1.30	8	40 < 0.5	< 2	0.26 < 0.5	7	38	11	1.87 < 10	< 1	0.06 < 10	0.38	140					
530-DM-144	201 229	< 1 < 0.2	1.21	< 2	60 < 0.5	< 2	0.35 < 0.5	5	30	9	1.55 < 10	< 1	0.18 < 10	0.42	220					
530-DM-145	201 229	< 1 < 0.2	1.00	2	20 < 0.5	< 2	0.32 < 0.5	5	35	8	1.53 < 10	< 1	0.11 < 10	0.38	155					
530-DM-147	201 229	< 1 < 0.2	1.12	< 2	30 < 0.5	< 2	0.37 < 0.5	4	33	7	1.39 < 10	< 1	0.12 < 10	0.46	185					
530-DM-149	201 229	< 1 < 0.2	1.91	< 2	90 < 0.5	< 2	0.39 < 0.5	7	43	14	2.02 < 10	< 1	0.27 < 10	0.62	285					
530-DM-150	201 229	< 1 < 0.2	2.15	4	100 < 0.5	2	0.49 < 0.5	8	50	16	2.23 < 10	< 1	0.34 < 10	0.82	340					
530-DM-151	201 229	24 < 0.2	3.90	20	90 < 0.5	2	0.24 < 0.5	10	70	52	3.97 < 10	< 1	0.08 < 10	0.81	325					
530-DM-153	201 229	8 < 0.2	1.57	< 2	40 < 0.5	< 2	0.28 < 0.5	9	46	13	2.31 < 10	< 1	0.05 < 10	0.63	255					
530-DM-154	201 229	1 < 0.2	2.27	24	110 < 0.5	< 2	0.69 < 0.5	12	43	19	2.16 < 10	< 1	0.11 < 10	0.46	510					
530-DM-155	201 229	3 < 0.2	1.48	18	50 < 0.5	< 2	0.32 < 0.5	8	44	11	2.13 < 10	< 1	0.07 < 10	0.46	165					
530-DM-156	201 229	3 < 0.2	1.82	8	80 < 0.5	< 2	0.25 < 0.5	10	47	20	2.24 < 10	< 1	0.06 < 10	0.55	305					
530-DM-158	201 229	10 < 0.2	2.61	20	70 < 0.5	< 2	0.22 < 0.5	9	57	30	2.76 < 10	< 1	0.05 < 10	0.61	230					
530-DM-160	201 229	4 < 0.2	1.01	4	30 < 0.5	< 2	0.23 < 0.5	3	21	6	1.00 < 10	< 1	0.04 < 10	0.28	95					
530-DM-161	201 229	2 < 0.2	0.82	< 2	40 < 0.5	< 2	0.30 < 0.5	4	26	4	1.13 < 10	< 1	0.14 < 10	0.39	135					
530-DM-163	201 229	18 < 0.2	1.11	28	60 < 0.5	< 2	0.29 < 0.5	10	29	10	1.40 < 10	< 1	0.09 < 10	0.41	510					
530-DM-165	201 229	< 1 < 0.2	2.45	< 2	130 < 0.5	< 2	0.43 < 0.5	12	56	19	2.60 < 10	< 1	0.41 < 10	0.96	470					
530-DM-167	201 229	1 < 0.2	2.01	16	80 < 0.5	< 2	0.28 < 0.5	14	70	27	2.85 < 10	< 1	0.04 < 10	0.76	835					
530-DM-169	201 229	1 < 0.2	2.42	< 2	150 < 0.5	< 2	0.38 < 0.5	15	49	19	2.31 < 10	< 1	0.17 < 10	0.74	955					
530-DM-171	201 229	< 1 < 0.2	1.89	< 2	100 < 0.5	< 2	0.42 < 0.5	9	47	13	2.09 < 10	< 1	0.28 < 10	0.80	430					
530-DM-173	201 229	2 < 0.2	2.76	< 2	140 < 0.5	< 2	0.54 < 0.5	13	57	24	2.49 < 10	< 1	0.15 < 10	0.84	640					
530-DM-175	201 229	2 < 0.2	1.28	2	50 < 0.5	< 2	0.31 < 0.5	6	34	8	1.61 < 10	< 1	0.10 < 10	0.53	175					
530-DM-176	201 229	5 < 0.2	2.54	8	160 < 0.5	< 2	0.43 < 0.5	18	68	25	2.67 < 10	< 1	0.15 < 10	0.71	580					
530-DM-177	201 229	7 < 0.2	1.49	76	40 < 0.5	< 2	0.41 < 0.5	7	31	19	1.52 < 10	< 1	0.07 < 10	0.49	180					
530-DM-178	201 229	573 < 0.2	1.43	78	50 < 0.5	8	0.34 < 0.5	7	34	12	1.74 < 10	< 1	0.06 < 10	0.48	170					
530-DM-179	201 229	222 < 0.2	4.02	288	160 < 0.5	< 2	0.91 < 0.5	21	77	127	6.51 < 10	< 1	0.16 < 10	0.84	1635					
530-DM-180	201 229	4 < 0.2	1.31	2	40 < 0.5	< 2	0.29 < 0.5	6	38	10	1.72 < 10	< 1	0.08 < 10	0.49	170					
530-DM-181	201 229	< 1 < 0.2	1.02	< 2	40 < 0.5	< 2	0.38 < 0.5	4	29	6	1.14 < 10	< 1	0.09 < 10	0.41	210					
530-DM-183	201 229	1 < 0.2	2.52	2	120 < 0.5	< 2	0.63 < 0.5	11	53	35	2.53 < 10	< 1	0.13 < 10	0.88	630					
530-DM-184	201 229	36 < 0.2	2.70	158	80 < 0.5	< 2	1.07 < 0.5	16	41	289	2.42 < 10	< 1	0.05 < 10	0.52	925					
530-DM-185	201 229	5 < 0.2	3.45	26	110 < 0.5	< 2	0.52 < 0.5	23	83	51	3.81 < 10	< 1	0.06 < 10	0.84	930					
530-DM-186	201 229	2 < 0.2	2.37	< 2	70 < 0.5	< 2	0.20 < 0.5	8	44	25	2.41 < 10	< 1	0.03 < 10	0.55	185					
530-DM-188	201 229	2 < 0.2	2.95	4	80 < 0.5	2	0.25 < 0.5	7	46	23	3.35 < 10	< 1	0.07 < 10	0.65	195					
530-DM-190	201 229	8 < 0.2	1.22	< 2	50 < 0.5	< 2	0.24 < 0.5	8	76	12	2.05 < 10	< 1	0.08 < 10	0.46	205					
530-DM-192	201 229	29 < 0.2	1.88	4	90 < 0.5	< 2	0.59 < 0.5	10	48	19	2.40 < 10	< 1	0.22 < 10	0.58	245					
530-DM-193	201 229	< 1 < 0.2	1.00	< 2	20 < 0.5	< 2	0.28 < 0.5	3	24	6	1.16 < 10	< 1	0.05 < 10	0.31	100					
530-DM-194	201 229	< 1 < 0.2	1.66	< 2	80 < 0.5	< 2	0.27 < 0.5	8	36	9	1.57 < 10	< 1	0.10 < 10	0.51	425					

CERTIFICATION:





# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number :2-B  
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Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9521518</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-135	201 229	< 1	0.01	19	290	4	< 2	2	15	0.11	< 10	< 10	33	< 10	18
530-DM-137	201 229	< 1	0.01	20	610	4	< 2	2	12	0.11	< 10	< 10	47	< 10	38
530-DM-139	201 229	< 1	0.02	43	160	4	< 2	2	15	0.11	< 10	< 10	42	< 10	42
530-DM-140	201 229	< 1	0.01	42	240	2	< 2	4	11	0.21	< 10	< 10	83	< 10	64
530-DM-142	201 229	< 1	0.01	17	780	8	< 2	2	13	0.09	< 10	< 10	39	< 10	26
530-DM-144	201 229	< 1	0.01	14	380	4	< 2	3	19	0.07	< 10	< 10	33	< 10	32
530-DM-145	201 229	< 1	0.01	14	660	4	< 2	2	16	0.08	< 10	< 10	33	< 10	22
530-DM-147	201 229	< 1	0.02	12	350	6	< 2	3	25	0.11	< 10	< 10	34	< 10	28
530-DM-149	201 229	< 1	0.01	19	210	8	< 2	4	26	0.10	< 10	< 10	47	< 10	40
530-DM-150	201 229	< 1	0.02	23	350	8	< 2	5	34	0.14	< 10	< 10	51	< 10	48
530-DM-151	201 229	< 1	0.01	31	1370	12	< 2	5	15	0.14	< 10	< 10	85	< 10	138
530-DM-153	201 229	< 1	0.01	19	180	4	< 2	3	18	0.16	< 10	< 10	54	< 10	46
530-DM-154	201 229	< 1	0.01	20	310	8	< 2	3	25	0.12	< 10	< 10	47	< 10	40
530-DM-155	201 229	< 1	0.01	16	760	6	< 2	2	20	0.12	< 10	< 10	45	< 10	74
530-DM-156	201 229	1	0.01	22	470	8	< 2	2	15	0.12	< 10	< 10	47	< 10	52
530-DM-158	201 229	1	0.01	28	530	4	< 2	2	16	0.13	< 10	< 10	54	< 10	52
530-DM-160	201 229	< 1	0.01	8	380	6	< 2	1	13	0.09	< 10	< 10	24	< 10	20
530-DM-161	201 229	< 1	0.01	11	310	2	< 2	2	16	0.09	< 10	< 10	26	< 10	28
530-DM-163	201 229	< 1	0.01	11	490	10	< 2	2	18	0.09	< 10	< 10	30	< 10	40
530-DM-165	201 229	< 1	0.02	27	360	6	< 2	6	33	0.13	< 10	< 10	54	< 10	66
530-DM-167	201 229	< 1	< 0.01	28	710	8	< 2	3	11	0.08	< 10	< 10	64	< 10	78
530-DM-169	201 229	< 1	0.02	26	280	12	< 2	4	30	0.11	< 10	< 10	49	< 10	58
530-DM-171	201 229	< 1	0.02	21	240	4	< 2	4	28	0.12	< 10	< 10	46	< 10	48
530-DM-173	201 229	< 1	0.02	25	410	14	< 2	6	33	0.12	< 10	< 10	53	< 10	54
530-DM-175	201 229	< 1	0.01	15	300	4	< 2	2	20	0.13	< 10	< 10	40	< 10	34
530-DM-176	201 229	< 1	0.01	29	510	8	< 2	4	28	0.10	< 10	< 10	51	< 10	42
530-DM-177	201 229	< 1	0.01	19	690	6	< 2	2	18	0.09	< 10	< 10	35	< 10	26
530-DM-178	201 229	< 1	0.02	14	180	8	< 2	3	23	0.11	< 10	< 10	42	< 10	32
530-DM-179	201 229	< 1	0.01	47	610	12	< 2	14	34	0.09	< 10	< 10	98	< 10	58
530-DM-180	201 229	< 1	0.01	14	260	6	< 2	3	17	0.12	< 10	< 10	38	< 10	38
530-DM-181	201 229	< 1	0.02	10	250	2	< 2	2	23	0.12	< 10	< 10	27	< 10	30
530-DM-183	201 229	< 1	0.02	27	310	12	< 2	5	24	0.13	< 10	< 10	54	< 10	72
530-DM-184	201 229	< 1	0.01	38	510	14	< 2	6	18	0.08	< 10	< 10	41	< 10	68
530-DM-185	201 229	< 1	0.01	42	470	10	< 2	6	13	0.11	< 10	< 10	88	< 10	74
530-DM-186	201 229	< 1	0.01	20	220	6	< 2	3	12	0.14	< 10	< 10	60	< 10	46
530-DM-188	201 229	< 1	0.01	21	450	14	< 2	4	16	0.14	< 10	< 10	73	< 10	62
530-DM-190	201 229	< 1	0.01	21	1020	4	< 2	2	15	0.09	< 10	< 10	38	< 10	60
530-DM-192	201 229	< 1	0.02	19	260	8	< 2	5	25	0.12	< 10	< 10	58	< 10	46
530-DM-193	201 229	< 1	0.01	9	300	8	< 2	2	20	0.11	< 10	< 10	28	< 10	22
530-DM-194	201 229	< 1	0.02	14	170	6	< 2	3	24	0.10	< 10	< 10	37	< 10	38

CERTIFICATION:

*Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

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<b>CERTIFICATE OF ANALYSIS</b>	<b>A9521518</b>
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SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
530-DM-196	201	229	< 1	< 0.2	1.43	< 2	50	< 0.5	< 2	0.42	< 0.5	6	34	6	1.76	< 10	< 1	0.09	10	0.54	215
530-DM-198	201	229	18	< 0.2	1.65	4	90	< 0.5	< 2	0.30	< 0.5	10	42	7	2.34	< 10	< 1	0.13	10	0.53	650
530-DM-200	201	229	6	< 0.2	1.69	4	50	< 0.5	< 2	0.33	< 0.5	9	42	15	2.48	< 10	< 1	0.11	10	0.44	175
530-DM-202	201	229	< 1	< 0.2	2.44	4	90	< 0.5	< 2	0.44	< 0.5	11	49	15	2.62	< 10	< 1	0.24	10	0.91	360
530-DM-204	201	229	1	< 0.2	1.50	8	50	< 0.5	< 2	0.17	< 0.5	6	36	8	2.28	< 10	< 1	0.04	< 10	0.33	130
530-DM-206	201	229	4	< 0.2	1.14	12	100	< 0.5	< 2	0.31	< 0.5	8	37	13	2.12	< 10	< 1	0.07	< 10	0.37	620
530-DM-208	201	229	4	< 0.2	1.36	< 2	90	< 0.5	< 2	0.32	< 0.5	7	31	7	1.70	< 10	< 1	0.21	10	0.52	460
530-DM-210	201	229	< 1	< 0.2	1.71	6	80	< 0.5	< 2	0.35	< 0.5	9	47	18	2.18	< 10	< 1	0.06	10	0.75	350
530-DM-212	201	229	25	< 0.2	5.88	60	150	0.5	< 2	0.50	< 0.5	41	222	47	7.06	< 10	< 1	0.54	10	4.41	1165
530-DM-214	201	229	< 1	< 0.2	2.76	8	180	0.5	< 2	0.89	< 0.5	13	52	40	3.06	< 10	< 1	0.45	30	0.82	610
530-DM-215	201	229	3	< 0.2	1.38	38	60	< 0.5	< 2	0.23	< 0.5	7	42	9	2.25	< 10	< 1	0.04	< 10	0.54	250
530-DM-217	201	229	3	< 0.2	1.01	6	20	< 0.5	< 2	0.31	< 0.5	4	26	8	1.19	< 10	< 1	0.03	< 10	0.35	120
530-DM-219	201	229	1	< 0.2	2.02	6	40	< 0.5	< 2	0.27	< 0.5	7	36	12	2.18	< 10	< 1	0.07	< 10	0.43	155
530-DM-221	201	229	4	< 0.2	1.82	20	90	< 0.5	< 2	0.62	< 0.5	14	48	17	2.80	< 10	< 1	0.12	< 10	0.70	425
530-DM-223	201	229	17	< 0.2	1.68	14	60	< 0.5	< 2	0.36	< 0.5	10	45	12	2.59	< 10	< 1	0.14	10	0.74	230
530-DM-225	201	229	2	< 0.2	1.78	6	60	< 0.5	< 2	0.56	< 0.5	9	68	17	2.44	< 10	< 1	0.08	10	0.91	220
530-DM-226	201	229	4	< 0.2	1.80	46	110	< 0.5	< 2	0.34	< 0.5	12	78	21	3.24	< 10	< 1	0.10	< 10	0.80	475
530-DM-228	201	229	7	0.2	2.38	80	270	< 0.5	2	0.59	0.5	46	118	48	4.54	10	< 1	0.11	< 10	0.98	4530
530-DM-230	201	229	6	< 0.2	1.35	20	60	< 0.5	< 2	0.34	< 0.5	8	38	19	2.44	< 10	< 1	0.08	< 10	0.39	200
530-DM-231	201	229	1	< 0.2	1.01	4	30	< 0.5	< 2	0.20	< 0.5	5	26	6	1.37	< 10	< 1	0.02	< 10	0.29	115
530-DM-232	201	229	4	< 0.2	4.50	52	120	0.5	< 2	0.40	< 0.5	37	104	87	5.52	10	< 1	0.13	< 10	1.56	760
530-DM-233	201	229	2	< 0.2	1.35	26	70	< 0.5	< 2	0.54	< 0.5	7	29	32	1.47	< 10	< 1	0.05	10	0.28	365
530-DM-234	201	229	2	< 0.2	0.93	< 2	20	< 0.5	< 2	0.29	< 0.5	2	21	9	1.03	< 10	< 1	0.02	< 10	0.22	75
530-DM-235	201	229	< 1	< 0.2	1.28	6	60	< 0.5	< 2	0.49	< 0.5	7	33	9	1.69	< 10	< 1	0.12	10	0.48	340
530-DM-236	201	229	2	< 0.2	2.11	4	50	< 0.5	< 2	0.15	< 0.5	6	33	39	2.43	< 10	< 1	0.02	< 10	0.29	110
530-DM-238	201	229	< 1	< 0.2	2.12	8	120	0.5	< 2	0.47	< 0.5	12	44	11	2.36	< 10	< 1	0.15	10	0.76	610
530-DM-240	201	229	< 1	< 0.2	1.90	2	100	0.5	< 2	0.42	< 0.5	9	43	12	2.22	< 10	< 1	0.34	10	0.75	430
530-DM-242	201	229	< 1	< 0.2	2.30	4	100	< 0.5	< 2	0.39	< 0.5	9	50	15	2.54	< 10	< 1	0.36	10	0.83	325
530-DM-244	201	229	< 1	< 0.2	1.17	2	60	< 0.5	< 2	0.24	< 0.5	4	25	7	1.45	< 10	< 1	0.16	10	0.43	195
530-DM-245	201	229	7	< 0.2	3.55	16	40	< 0.5	< 2	0.36	< 0.5	24	105	39	5.12	10	< 1	0.04	< 10	2.16	600
530-DM-247	201	229	3	< 0.2	1.70	4	40	< 0.5	< 2	0.34	< 0.5	6	34	10	1.85	< 10	< 1	0.07	10	0.48	160
530-DM-249	201	229	3	< 0.2	1.65	4	70	< 0.5	< 2	0.28	< 0.5	7	37	12	2.06	< 10	< 1	0.22	10	0.63	230
530-DM-250	201	229	2	< 0.2	1.38	< 2	70	< 0.5	< 2	0.29	< 0.5	7	36	10	1.84	< 10	< 1	0.25	10	0.60	390
530-DM-251	201	229	< 1	< 0.2	0.92	< 2	30	< 0.5	< 2	0.32	< 0.5	4	25	7	1.23	< 10	< 1	0.07	10	0.40	165
530-DM-252	201	229	< 1	< 0.2	1.12	< 2	20	< 0.5	< 2	0.24	< 0.5	4	32	7	1.12	< 10	< 1	0.02	10	0.42	115
530-DM-253	201	229	< 1	< 0.2	3.15	12	110	0.5	< 2	0.26	< 0.5	11	53	23	3.29	10	< 1	0.12	10	0.66	310
530-DM-254	201	229	< 1	< 0.2	2.42	2	110	0.5	< 2	0.39	< 0.5	11	50	15	2.67	< 10	< 1	0.28	10	0.90	355
530-DM-255	201	229	< 1	< 0.2	1.34	2	30	< 0.5	< 2	0.38	< 0.5	5	30	5	1.50	< 10	< 1	0.05	10	0.46	145
530-DM-256	201	229	10	< 0.2	2.53	20	60	< 0.5	< 2	0.32	< 0.5	9	48	25	2.95	< 10	< 1	0.06	10	0.67	240

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 3-B  
 Total Pages : 3  
 Certificate Date: 20-JUL-95  
 Invoice No. : I9521518  
 P.O. Number :  
 Account : GKQ

Project :

Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS

## A9521518

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-DM-196	201	229	< 1	0.02	14	310	4	< 2	3	33	0.13	< 10	< 10	39	< 10	30
530-DM-198	201	229	< 1	< 0.01	18	1280	6	< 2	2	22	0.10	< 10	< 10	43	< 10	64
530-DM-200	201	229	< 1	0.01	27	1960	4	< 2	2	18	0.09	< 10	< 10	44	< 10	48
530-DM-202	201	229	< 1	0.02	26	380	8	< 2	4	31	0.14	< 10	< 10	57	< 10	54
530-DM-204	201	229	< 1	< 0.01	15	1030	4	< 2	2	12	0.09	< 10	< 10	42	< 10	54
530-DM-206	201	229	< 1	< 0.01	21	1270	6	< 2	2	20	0.07	< 10	< 10	33	< 10	68
530-DM-208	201	229	< 1	0.01	17	250	4	< 2	3	20	0.10	< 10	< 10	36	< 10	56
530-DM-210	201	229	< 1	< 0.01	26	510	4	< 2	3	17	0.13	< 10	< 10	43	< 10	114
530-DM-212	201	229	< 1	< 0.01	73	430	4	2	30	15	0.21	< 10	< 10	215	< 10	86
530-DM-214	201	229	< 1	0.01	31	390	8	< 2	6	36	0.11	< 10	< 10	55	< 10	62
530-DM-215	201	229	< 1	< 0.01	17	540	6	< 2	3	16	0.13	< 10	< 10	62	< 10	44
530-DM-217	201	229	< 1	0.01	13	290	2	< 2	2	18	0.11	< 10	< 10	29	< 10	20
530-DM-219	201	229	< 1	< 0.01	19	380	4	< 2	2	20	0.13	< 10	< 10	45	< 10	30
530-DM-221	201	229	< 1	< 0.01	24	1170	8	2	3	34	0.12	< 10	< 10	55	< 10	92
530-DM-223	201	229	< 1	< 0.01	23	370	4	< 2	3	24	0.17	< 10	< 10	62	< 10	42
530-DM-225	201	229	< 1	0.01	32	310	2	< 2	4	23	0.16	< 10	< 10	58	< 10	34
530-DM-226	201	229	< 1	< 0.01	34	700	6	< 2	6	15	0.12	< 10	< 10	86	< 10	110
530-DM-228	201	229	< 1	< 0.01	63	1060	28	< 2	6	14	0.21	< 10	< 10	126	< 10	144
530-DM-230	201	229	< 1	< 0.01	23	360	4	< 2	2	17	0.13	< 10	< 10	54	< 10	28
530-DM-231	201	229	< 1	< 0.01	17	160	4	< 2	1	12	0.11	< 10	< 10	34	< 10	18
530-DM-232	201	229	< 1	< 0.01	50	400	4	< 2	6	15	0.14	< 10	< 10	136	< 10	92
530-DM-233	201	229	< 1	< 0.01	15	220	2	< 2	3	18	0.10	< 10	< 10	32	< 10	20
530-DM-234	201	229	< 1	0.01	9	450	2	< 2	1	16	0.09	< 10	< 10	23	< 10	14
530-DM-235	201	229	< 1	0.01	16	580	4	< 2	3	24	0.10	< 10	< 10	38	< 10	32
530-DM-236	201	229	< 1	< 0.01	14	220	6	< 2	2	11	0.11	< 10	< 10	54	< 10	22
530-DM-238	201	229	< 1	0.01	22	390	8	< 2	4	34	0.12	< 10	< 10	51	< 10	52
530-DM-240	201	229	< 1	0.01	24	340	6	< 2	4	30	0.12	< 10	< 10	50	< 10	56
530-DM-242	201	229	< 1	0.01	22	280	6	< 2	6	31	0.11	< 10	< 10	60	< 10	56
530-DM-244	201	229	< 1	0.01	11	140	6	< 2	2	24	0.09	< 10	< 10	35	< 10	28
530-DM-245	201	229	< 1	< 0.01	41	500	2	< 2	11	11	0.17	< 10	< 10	131	< 10	144
530-DM-247	201	229	< 1	0.01	14	550	6	< 2	3	22	0.12	< 10	< 10	43	< 10	42
530-DM-249	201	229	< 1	0.01	17	200	6	< 2	3	24	0.09	< 10	< 10	44	< 10	40
530-DM-250	201	229	< 1	0.01	17	110	4	< 2	4	21	0.11	< 10	< 10	40	< 10	42
530-DM-251	201	229	< 1	0.01	11	410	2	< 2	2	17	0.08	< 10	< 10	28	< 10	24
530-DM-252	201	229	< 1	0.01	13	290	2	< 2	2	14	0.10	< 10	< 10	26	< 10	28
530-DM-253	201	229	< 1	0.01	24	570	10	< 2	4	18	0.11	< 10	< 10	63	< 10	76
530-DM-254	201	229	< 1	0.01	26	290	6	< 2	5	31	0.13	< 10	< 10	55	< 10	56
530-DM-255	201	229	< 1	0.01	13	300	4	< 2	3	26	0.12	< 10	< 10	36	< 10	28
530-DM-256	201	229	< 1	< 0.01	24	640	6	< 2	3	18	0.14	< 10	< 10	62	< 10	68

CERTIFICATION:

*David Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number :1-A  
 Total Pages :4  
 Certificate Date: 18-JUL-95  
 Invoice No. :19521519  
 P.O. Number :  
 Account :GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9521519</b>
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SAMPLE	PREP CODE		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			NAA ppb	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm
530-DM-258	201	229	1	< 0.2	0.69	2	20	< 0.5	< 2	0.18	< 0.5	1	18	4	0.76	< 10	< 1	0.02	< 10	0.16	75
530-DM-260	201	229	< 1	< 0.2	0.68	4	20	< 0.5	2	0.31	< 0.5	3	23	4	0.96	< 10	< 1	0.07	< 10	0.27	120
530-DM-262	201	229	1	< 0.2	0.79	6	40	< 0.5	< 2	0.29	< 0.5	4	23	6	1.09	< 10	< 1	0.12	10	0.31	145
530-DM-263	201	229	2	< 0.2	1.63	2	110	< 0.5	< 2	0.67	< 0.5	8	38	20	1.94	< 10	< 1	0.24	20	0.58	360
530-DM-264	201	229	4	< 0.2	1.86	16	40	< 0.5	< 2	0.27	< 0.5	11	49	17	2.57	< 10	< 1	0.08	10	0.55	195
530-DM-265	201	229	7	< 0.2	2.50	22	50	< 0.5	6	0.29	< 0.5	10	50	70	3.28	< 10	< 1	0.06	< 10	0.79	270
530-DM-266	201	229	21	< 0.2	2.73	12	110	< 0.5	< 2	0.35	< 0.5	16	43	121	2.85	< 10	< 1	0.03	20	0.62	245
530-DM-267	201	229	7	< 0.2	1.83	14	70	< 0.5	< 2	0.21	< 0.5	6	41	24	2.10	< 10	< 1	0.05	10	0.40	115
530-DM-269	201	229	2	< 0.2	1.97	12	60	< 0.5	< 2	0.20	< 0.5	7	40	15	2.79	< 10	< 1	0.06	< 10	0.40	150
530-DM-270	201	229	5	< 0.2	1.04	8	40	< 0.5	2	0.33	< 0.5	8	34	16	1.60	< 10	< 1	0.07	< 10	0.50	175
530-DM-272	201	229	< 1	< 0.2	1.01	12	40	< 0.5	< 2	0.20	< 0.5	7	32	8	1.60	< 10	< 1	0.06	< 10	0.35	160
530-DM-274	201	229	26	< 0.2	1.42	12	70	< 0.5	2	0.20	< 0.5	7	40	10	2.27	< 10	< 1	0.08	< 10	0.33	180
530-DM-276	201	229	6	< 0.2	1.22	8	40	< 0.5	< 2	0.25	< 0.5	4	31	15	1.52	< 10	< 1	0.03	< 10	0.35	120
530-DM-278	201	229	< 1	< 0.2	1.20	< 2	60	< 0.5	< 2	0.44	< 0.5	6	30	8	1.37	< 10	< 1	0.13	10	0.43	210
530-DM-280	201	229	< 1	< 0.2	0.77	< 2	40	< 0.5	< 2	0.25	< 0.5	3	20	5	0.98	< 10	< 1	0.10	10	0.26	155
530-DM-282	201	229	< 1	< 0.2	0.69	< 2	40	< 0.5	< 2	0.30	< 0.5	2	17	4	0.85	< 10	< 1	0.06	10	0.21	120
530-DM-284	201	229	< 1	< 0.2	1.03	4	60	< 0.5	< 2	0.31	< 0.5	6	23	8	1.16	< 10	< 1	0.13	10	0.35	185
530-DM-286	201	229	< 1	< 0.2	0.78	4	30	< 0.5	< 2	0.28	< 0.5	3	20	4	1.01	< 10	< 1	0.06	< 10	0.27	110
530-DM-288	201	229	< 1	< 0.2	1.00	8	30	< 0.5	< 2	0.48	< 0.5	3	26	8	1.16	< 10	< 1	0.11	10	0.41	150
530-DM-290	201	229	47	< 0.2	2.60	2	150	< 0.5	< 2	0.71	< 0.5	14	58	18	2.73	10	< 1	0.44	20	0.92	765
530-DM-291	201	229	1	0.2	4.05	< 2	310	< 0.5	< 2	1.17	0.5	17	66	31	3.39	10	< 1	0.52	30	0.93	1560
530-DM-293	201	229	< 1	< 0.2	1.08	< 2	40	< 0.5	4	0.37	< 0.5	5	28	5	1.30	< 10	< 1	0.08	< 10	0.38	160
530-DM-294	201	229	< 1	< 0.2	0.94	< 2	30	< 0.5	< 2	0.27	< 0.5	3	23	6	1.13	< 10	< 1	0.12	< 10	0.32	125
530-DM-296	201	229	< 1	< 0.2	1.07	2	50	< 0.5	< 2	0.28	< 0.5	4	25	7	1.20	< 10	< 1	0.14	10	0.35	190
530-DM-298	201	229	< 1	< 0.2	0.92	< 2	40	< 0.5	< 2	0.27	< 0.5	4	22	7	0.97	< 10	< 1	0.11	10	0.32	185
530-DM-300	201	229	< 1	< 0.2	0.92	2	40	< 0.5	< 2	0.32	< 0.5	4	24	4	1.14	< 10	< 1	0.11	10	0.32	135
530-DM-302	201	229	< 1	< 0.2	1.40	< 2	70	< 0.5	< 2	0.41	< 0.5	6	34	10	1.67	< 10	< 1	0.24	10	0.53	235
530-DM-303	201	229	2	< 0.2	0.79	2	30	< 0.5	< 2	0.32	< 0.5	4	25	4	1.15	< 10	< 1	0.16	< 10	0.35	170
530-DM-304	201	229	2	< 0.2	0.84	< 2	30	< 0.5	2	0.35	< 0.5	3	27	5	1.21	< 10	< 1	0.11	< 10	0.36	130
530-DM-305	201	229	17	< 0.2	0.83	< 2	30	< 0.5	< 2	0.23	< 0.5	4	27	4	1.55	< 10	< 1	0.05	< 10	0.26	95
530-DM-306	201	229	6	< 0.2	0.92	< 2	30	< 0.5	< 2	0.25	< 0.5	5	25	6	1.29	< 10	< 1	0.08	< 10	0.33	130
530-DM-307	201	229	7	< 0.2	0.86	20	100	< 0.5	< 2	0.22	< 0.5	10	22	7	1.14	< 10	< 1	0.07	< 10	0.24	885
530-DM-308	201	229	4	< 0.2	1.37	2	70	< 0.5	< 2	0.18	< 0.5	5	29	9	2.03	< 10	< 1	0.06	< 10	0.29	210
530-DM-309	201	229	15	< 0.2	0.84	4	30	< 0.5	< 2	0.17	< 0.5	3	25	6	1.36	< 10	< 1	0.04	< 10	0.16	100
530-DM-310	201	229	2	< 0.2	0.91	12	30	< 0.5	2	0.26	< 0.5	4	26	5	1.42	< 10	< 1	0.06	< 10	0.18	95
530-DM-312	201	229	5	< 0.2	1.60	4	60	< 0.5	< 2	0.24	< 0.5	8	36	10	2.01	< 10	< 1	0.06	< 10	0.33	140
530-DM-314	201	229	2	< 0.2	1.79	12	70	< 0.5	< 2	0.34	< 0.5	9	37	13	2.27	< 10	< 1	0.09	< 10	0.41	225
530-DM-315	201	229	84	< 0.2	1.50	14	190	< 0.5	< 2	0.31	< 0.5	12	41	17	2.07	< 10	< 1	0.09	10	0.51	1335
530-DM-317	201	229	4	< 0.2	1.47	< 2	50	< 0.5	2	0.57	< 0.5	7	35	22	1.58	< 10	< 1	0.07	10	0.49	210
530-DM-318	201	229	1	< 0.2	1.89	6	110	< 0.5	< 2	0.53	< 0.5	8	41	13	1.85	< 10	< 1	0.19	10	0.62	325

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

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Project :

Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS

### A9521519

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-258	201 229	< 1	0.01	7	120	2	< 2	1	12	0.09	< 10	< 10	19	< 10	20
530-DM-260	201 229	< 1	0.01	7	300	4	< 2	2	20	0.09	< 10	< 10	25	< 10	26
530-DM-262	201 229	< 1	0.01	10	290	6	< 2	2	19	0.09	< 10	< 10	27	< 10	28
530-DM-263	201 229	< 1	0.02	21	340	8	2	4	30	0.08	< 10	< 10	40	< 10	54
530-DM-264	201 229	< 1	0.01	21	1080	4	< 2	3	14	0.11	< 10	< 10	50	< 10	76
530-DM-265	201 229	< 1	0.01	23	610	2	4	4	14	0.15	< 10	< 10	76	< 10	64
530-DM-266	201 229	< 1	0.01	44	300	6	< 2	4	18	0.13	< 10	< 10	62	< 10	56
530-DM-267	201 229	< 1	0.01	21	260	12	2	2	15	0.12	< 10	< 10	45	< 10	30
530-DM-269	201 229	< 1	0.01	22	1070	6	2	2	16	0.11	< 10	< 10	50	< 10	44
530-DM-270	201 229	< 1	0.01	18	350	4	< 2	2	14	0.10	< 10	< 10	37	< 10	40
530-DM-272	201 229	< 1	0.01	15	440	6	< 2	1	12	0.09	< 10	< 10	34	< 10	62
530-DM-274	201 229	< 1	0.01	19	1460	4	< 2	2	13	0.09	< 10	< 10	44	< 10	38
530-DM-276	201 229	< 1	0.01	17	400	2	< 2	1	16	0.10	< 10	< 10	34	< 10	50
530-DM-278	201 229	< 1	0.02	13	140	6	< 2	3	21	0.12	< 10	< 10	33	< 10	34
530-DM-280	201 229	< 1	0.01	9	70	4	< 2	2	15	0.08	< 10	< 10	24	< 10	26
530-DM-282	201 229	< 1	0.01	10	380	8	2	1	14	0.07	< 10	< 10	23	< 10	22
530-DM-284	201 229	< 1	0.01	10	210	4	2	2	21	0.07	< 10	< 10	28	< 10	28
530-DM-286	201 229	< 1	0.01	8	170	4	< 2	2	22	0.09	< 10	< 10	27	< 10	22
530-DM-288	201 229	< 1	0.02	10	530	2	< 2	3	31	0.11	< 10	< 10	31	< 10	30
530-DM-290	201 229	< 1	0.02	28	290	12	2	7	34	0.14	< 10	< 10	62	< 10	68
530-DM-291	201 229	< 1	0.02	42	420	10	2	9	39	0.11	< 10	< 10	67	10	116
530-DM-293	201 229	< 1	0.02	10	520	4	< 2	2	26	0.11	< 10	< 10	30	< 10	46
530-DM-294	201 229	< 1	0.01	10	220	4	< 2	2	21	0.08	< 10	< 10	29	< 10	26
530-DM-296	201 229	< 1	0.01	11	240	6	< 2	2	24	0.09	< 10	< 10	31	< 10	36
530-DM-298	201 229	< 1	0.01	9	310	4	< 2	2	19	0.09	< 10	< 10	24	< 10	40
530-DM-300	201 229	< 1	0.01	9	230	< 2	< 2	2	24	0.09	< 10	< 10	28	< 10	44
530-DM-302	201 229	< 1	0.02	16	540	4	2	3	24	0.10	< 10	< 10	39	< 10	38
530-DM-303	201 229	< 1	0.01	11	400	4	< 2	2	19	0.09	< 10	< 10	28	< 10	28
530-DM-304	201 229	< 1	0.01	10	200	6	< 2	2	22	0.11	< 10	< 10	29	< 10	24
530-DM-305	201 229	< 1	0.01	10	550	4	< 2	1	14	0.07	< 10	< 10	30	< 10	26
530-DM-306	201 229	< 1	0.01	11	290	2	< 2	2	15	0.08	< 10	< 10	29	< 10	24
530-DM-307	201 229	< 1	0.01	8	500	4	< 2	2	16	0.09	< 10	< 10	25	< 10	26
530-DM-308	201 229	< 1	0.01	12	2750	8	2	2	16	0.07	< 10	< 10	33	< 10	52
530-DM-309	201 229	< 1	0.01	8	890	4	< 2	1	12	0.06	< 10	< 10	26	< 10	24
530-DM-310	201 229	< 1	0.01	10	1360	6	2	1	16	0.07	< 10	< 10	26	< 10	16
530-DM-312	201 229	< 1	0.01	18	1700	4	2	2	16	0.09	< 10	< 10	38	< 10	36
530-DM-314	201 229	< 1	0.01	16	1740	6	< 2	3	21	0.09	< 10	< 10	42	< 10	90
530-DM-315	201 229	< 1	0.01	20	910	4	2	3	17	0.10	< 10	< 10	41	< 10	162
530-DM-317	201 229	< 1	0.03	15	250	6	2	4	30	0.14	< 10	< 10	38	< 10	32
530-DM-318	201 229	< 1	0.02	22	270	6	2	4	32	0.12	< 10	< 10	41	< 10	42

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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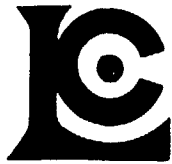
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 Invoice No. :19521519  
 P.O. Number :  
 Account :GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS A9521519

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-319	201 229	< 1	< 0.2	0.84	< 2	20	< 0.5	< 2	0.40	< 0.5	4	26	4	1.19	< 10	< 1	0.07	10	0.32	135
530-DM-321	201 229	< 1	< 0.2	1.34	2	40	< 0.5	< 2	0.42	< 0.5	4	36	17	1.65	< 10	< 1	0.11	20	0.41	145
530-DM-323	201 229	< 1	< 0.2	3.01	8	140	< 0.5	< 2	0.49	< 0.5	13	61	35	3.19	10	< 1	0.35	30	0.94	385
530-DM-325	201 229	< 1	< 0.2	3.48	< 2	180	< 0.5	< 2	0.63	0.5	14	77	47	3.71	10	< 1	0.57	40	1.29	450
530-DM-326	201 229	< 1	< 0.2	1.22	< 2	50	< 0.5	< 2	0.42	< 0.5	4	35	9	1.60	< 10	< 1	0.11	10	0.45	220
530-DM-328	201 229	< 1	< 0.2	2.16	< 2	80	< 0.5	< 2	0.45	< 0.5	8	49	22	2.37	10	< 1	0.30	10	0.67	305
530-DM-329	201 229	< 1	< 0.2	1.00	< 2	40	< 0.5	< 2	0.32	< 0.5	6	27	9	1.19	< 10	< 1	0.15	10	0.37	235
530-DM-330	201 229	< 1	< 0.2	3.90	< 2	210	< 0.5	< 2	0.75	< 0.5	16	79	32	3.77	10	< 1	0.59	20	1.24	675
530-DM-331	201 229	< 1	< 0.2	2.31	< 2	100	< 0.5	< 2	0.39	< 0.5	13	39	38	2.24	10	< 1	0.08	20	0.43	275
530-DM-332	201 229	6	< 0.2	1.19	8	50	< 0.5	< 2	0.30	< 0.5	5	32	7	1.36	< 10	< 1	0.08	10	0.45	185
530-DM-333	201 229	9	< 0.2	3.23	< 2	150	< 0.5	< 2	0.45	< 0.5	11	64	19	3.10	10	< 1	0.45	10	0.99	430
530-DM-334	201 229	< 1	< 0.2	1.09	6	30	< 0.5	< 2	0.28	< 0.5	4	23	7	1.16	< 10	< 1	0.06	< 10	0.34	140
530-DM-335	201 229	< 1	< 0.2	1.30	6	50	< 0.5	< 2	0.50	< 0.5	5	30	12	1.36	< 10	< 1	0.08	10	0.32	155
530-DM-336	201 229	2	< 0.2	1.23	4	30	< 0.5	< 2	0.29	< 0.5	6	35	7	1.26	< 10	< 1	0.05	< 10	0.38	140
530-DM-338	201 229	30	< 0.2	3.18	< 2	80	< 0.5	< 2	0.28	0.5	12	61	33	3.37	10	1	0.04	10	0.72	245
530-DM-339	201 229	3	< 0.2	2.05	4	40	< 0.5	< 2	0.29	< 0.5	14	207	21	2.31	10	1	0.17	60	1.51	345
530-DM-341	201 229	9	< 0.2	1.68	8	50	0.5	< 2	0.41	< 0.5	11	44	19	2.21	< 10	< 1	0.07	10	0.63	300
530-DM-342	201 229	< 1	< 0.2	1.19	< 2	30	0.5	< 2	0.27	< 0.5	7	34	10	1.82	< 10	< 1	0.06	< 10	0.46	180
530-DM-343	201 229	22	< 0.2	0.98	6	20	< 0.5	< 2	0.25	< 0.5	2	18	13	0.88	< 10	< 1	0.03	< 10	0.22	80
530-DM-344	201 229	11	< 0.2	1.43	6	60	0.5	< 2	0.33	< 0.5	8	51	12	2.26	< 10	< 1	0.09	< 10	0.63	240
530-DM-346	201 229	10	< 0.2	2.01	16	50	< 0.5	< 2	0.35	< 0.5	8	44	24	2.49	< 10	< 1	0.05	< 10	0.54	210
530-DM-348	201 229	7	< 0.2	1.88	8	40	< 0.5	< 2	0.32	< 0.5	9	47	31	2.35	< 10	1	0.06	10	0.64	210
530-DM-349	201 229	3	< 0.2	2.74	10	80	< 0.5	< 2	0.23	< 0.5	8	51	35	3.66	10	< 1	0.10	10	0.71	250
530-DM-350	201 229	6	< 0.2	2.77	18	80	0.5	< 2	0.31	< 0.5	11	56	26	3.44	10	< 1	0.09	10	0.81	335
530-DM-351	201 229	1	< 0.2	1.53	8	40	< 0.5	< 2	0.25	< 0.5	8	33	13	1.86	< 10	< 1	0.04	< 10	0.48	180
530-DM-352	201 229	7	< 0.2	1.99	8	40	< 0.5	< 2	0.28	< 0.5	10	39	34	2.21	< 10	< 1	0.04	10	0.43	170
530-DM-353	201 229	< 1	< 0.2	3.44	18	160	0.5	< 2	0.50	< 0.5	13	70	32	3.50	10	< 1	0.46	20	1.16	440
530-DM-354	201 229	1	< 0.2	3.24	12	150	1.0	< 2	0.45	< 0.5	13	66	25	3.27	10	< 1	0.45	10	1.03	510
530-DM-356	201 229	< 1	< 0.2	2.77	6	120	0.5	2	0.39	< 0.5	8	55	17	2.71	10	< 1	0.36	10	0.85	260
530-DM-358	201 229	18	< 0.2	1.23	8	60	< 0.5	< 2	0.35	< 0.5	5	34	7	1.73	< 10	1	0.07	< 10	0.29	160
530-DM-360	201 229	< 1	< 0.2	3.74	10	160	< 0.5	< 2	0.52	< 0.5	14	77	30	3.71	10	1	0.56	20	1.17	455
530-DM-362	201 229	< 1	< 0.2	2.43	8	110	0.5	< 2	0.38	< 0.5	7	46	15	2.47	10	1	0.34	10	0.71	350
530-DM-364	201 229	< 1	< 0.2	3.42	6	160	< 0.5	< 2	0.53	< 0.5	14	70	25	3.40	10	< 1	0.54	10	1.18	465
530-DM-366	201 229	< 1	< 0.2	2.60	2	110	0.5	< 2	0.48	< 0.5	9	52	18	2.73	10	1	0.37	10	0.77	310
530-DM-367	201 229	< 1	< 0.2	2.52	4	120	0.5	< 2	0.49	< 0.5	8	48	13	2.53	10	< 1	0.36	20	0.72	240
530-DM-368	201 229	< 1	< 0.2	1.77	2	80	0.5	< 2	0.39	< 0.5	5	35	10	1.99	< 10	< 1	0.27	10	0.49	120
530-DM-369	201 229	< 1	< 0.2	2.79	4	110	< 0.5	< 2	0.39	< 0.5	10	52	16	3.08	10	1	0.41	10	0.72	305
530-DM-371	201 229	< 1	< 0.2	1.07	4	50	< 0.5	< 2	0.31	< 0.5	3	22	5	1.27	< 10	< 1	0.14	10	0.33	100
530-DM-372	201 229	< 1	< 0.2	1.78	2	70	< 0.5	< 2	0.30	< 0.5	6	35	12	1.88	< 10	< 1	0.25	10	0.56	165
530-DM-374	201 229	< 1	< 0.2	2.12	8	80	< 0.5	< 2	0.29	< 0.5	7	41	16	2.17	< 10	< 1	0.23	10	0.64	200

CERTIFICATION: *Paul Schuler*



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

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Project :

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## CERTIFICATE OF ANALYSIS

### A9521519

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-319	201 229	< 1	0.02	9	580	2	< 2	2	21	0.10	< 10	< 10	28	< 10	24
530-DM-321	201 229	< 1	0.02	15	680	8	< 2	3	23	0.10	< 10	< 10	38	< 10	28
530-DM-323	201 229	< 1	0.03	29	460	12	< 2	9	37	0.09	< 10	< 10	73	10	66
530-DM-325	201 229	< 1	0.04	36	490	8	2	10	43	0.14	< 10	< 10	85	10	82
530-DM-326	201 229	< 1	0.02	15	540	2	2	3	25	0.12	< 10	< 10	37	< 10	62
530-DM-328	201 229	< 1	0.02	22	470	8	2	6	30	0.11	< 10	< 10	56	< 10	50
530-DM-329	201 229	< 1	0.01	12	340	2	< 2	3	22	0.10	< 10	< 10	29	< 10	28
530-DM-330	201 229	< 1	0.03	36	340	12	4	9	40	0.15	< 10	< 10	82	10	84
530-DM-331	201 229	< 1	0.01	21	330	8	< 2	3	20	0.11	< 10	< 10	44	< 10	44
530-DM-332	201 229	< 1	0.01	13	180	8	< 2	3	21	0.13	< 10	< 10	35	< 10	30
530-DM-333	201 229	< 1	0.02	28	220	4	< 2	7	36	0.13	< 10	< 10	69	10	68
530-DM-334	201 229	< 1	0.01	9	150	8	< 2	2	21	0.10	< 10	< 10	33	< 10	22
530-DM-335	201 229	< 1	0.02	13	140	2	< 2	3	21	0.11	< 10	< 10	33	< 10	24
530-DM-336	201 229	< 1	0.01	14	100	2	< 2	2	18	0.13	< 10	< 10	34	< 10	30
530-DM-338	201 229	< 1	0.01	32	320	6	4	4	19	0.19	< 10	< 10	76	10	74
530-DM-339	201 229	< 1	0.01	59	610	< 2	< 2	6	17	0.12	< 10	< 10	56	10	38
530-DM-341	201 229	< 1	0.02	21	150	4	< 2	4	29	0.17	< 10	< 10	52	< 10	44
530-DM-342	201 229	< 1	0.01	17	160	2	< 2	2	19	0.14	< 10	< 10	42	< 10	26
530-DM-343	201 229	< 1	0.01	9	430	2	< 2	1	14	0.10	< 10	< 10	26	< 10	14
530-DM-344	201 229	< 1	0.01	24	200	6	< 2	3	26	0.19	< 10	< 10	58	< 10	38
530-DM-346	201 229	< 1	0.01	23	230	12	2	3	25	0.18	< 10	< 10	59	< 10	36
530-DM-348	201 229	1	0.01	27	400	6	2	3	23	0.16	< 10	< 10	53	< 10	40
530-DM-349	201 229	1	0.01	22	960	12	< 2	4	19	0.15	< 10	< 10	84	< 10	86
530-DM-350	201 229	1	0.01	29	630	10	2	4	25	0.17	< 10	< 10	72	< 10	70
530-DM-351	201 229	1	0.01	16	170	6	< 2	2	20	0.14	< 10	< 10	46	< 10	38
530-DM-352	201 229	< 1	0.01	26	490	6	< 2	2	14	0.12	< 10	< 10	45	< 10	40
530-DM-353	201 229	< 1	0.03	32	300	14	< 2	9	38	0.15	< 10	< 10	77	< 10	68
530-DM-354	201 229	< 1	0.02	27	260	12	< 2	8	34	0.13	< 10	< 10	75	< 10	66
530-DM-356	201 229	< 1	0.02	24	240	16	2	7	31	0.12	< 10	< 10	65	< 10	56
530-DM-358	201 229	< 1	0.01	13	480	4	2	2	25	0.11	< 10	< 10	36	< 10	52
530-DM-360	201 229	< 1	0.03	33	240	18	2	9	40	0.14	< 10	< 10	87	10	76
530-DM-362	201 229	1	0.02	20	300	10	< 2	6	34	0.09	< 10	< 10	61	< 10	50
530-DM-364	201 229	< 1	0.03	33	180	12	2	9	43	0.15	< 10	< 10	78	< 10	72
530-DM-366	201 229	< 1	0.02	25	230	10	2	7	31	0.10	< 10	< 10	63	< 10	56
530-DM-367	201 229	< 1	0.01	18	200	12	2	6	32	0.10	< 10	< 10	59	< 10	50
530-DM-368	201 229	< 1	0.01	12	390	4	2	4	29	0.09	< 10	< 10	47	< 10	34
530-DM-369	201 229	< 1	0.02	19	340	12	2	7	36	0.09	< 10	< 10	70	< 10	50
530-DM-371	201 229	< 1	0.01	9	380	6	< 2	2	25	0.09	< 10	< 10	31	< 10	28
530-DM-372	201 229	< 1	0.02	14	330	8	< 2	4	27	0.10	< 10	< 10	47	< 10	36
530-DM-374	201 229	< 1	0.02	17	280	12	< 2	5	30	0.09	< 10	< 10	52	< 10	42

CERTIFICATION:

*Hank Bushler*



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## CERTIFICATE OF ANALYSIS A9521519

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-376	201 229	2 < 0.2	2.01	6	80	0.5	< 2	0.34 < 0.5	7	42	13	2.12 < 10	1	0.24	10	0.69	265			
530-DM-378	201 229	< 1 < 0.2	2.69	< 2	110	1.0	< 2	0.33 < 0.5	10	56	20	2.64 < 10	1	0.24	10	0.90	480			
530-DM-380	201 229	19 < 0.2	1.21	4	50	0.5	< 2	0.21 < 0.5	5	29	9	1.58 < 10	1	0.05	< 10	0.36	150			
530-DM-381	201 229	2 < 0.2	1.15	2	20	< 0.5	< 2	0.28 < 0.5	3	27	8	1.45 < 10	< 1	0.04	< 10	0.48	175			
530-DM-382	201 229	< 1 < 0.2	2.92	2	120	0.5	< 2	0.40 < 0.5	10	57	26	3.00	10	< 1	0.29	10	0.90	285		
530-DM-383	201 229	< 1 < 0.2	1.60	< 2	60	0.5	< 2	0.29 < 0.5	7	37	11	1.72 < 10	1	0.13	10	0.54	190			
530-DM-384	201 229	< 1 < 0.2	2.99	12	140	< 0.5	< 2	0.42 < 0.5	12	62	22	2.91	10	1	0.39	10	1.03	450		
530-DM-385	201 229	< 1 < 0.2	3.85	8	170	1.0	2	0.48 < 0.5	11	81	37	3.79	10	1	0.60	20	1.23	375		
530-DM-387	201 229	6 < 0.2	1.27	6	60	< 0.5	< 2	0.39 < 0.5	4	28	9	1.34 < 10	1	0.18	10	0.43	225			
530-DM-389	201 229	< 1 < 0.2	2.74	12	120	0.5	< 2	0.43 < 0.5	12	44	31	2.49 < 10	1	0.09	10	0.53	570			
530-DM-391	201 229	2 < 0.2	2.69	8	90	1.0	< 2	0.33 < 0.5	9	48	27	3.08 < 10	< 1	0.09	10	0.53	185			
530-DM-393	201 229	2 < 0.2	3.87	14	190	< 0.5	< 2	0.69 < 0.5	22	53	85	4.39	10	1	0.11	70	0.81	820		
530-DM-395	201 229	1 < 0.2	1.24	< 2	60	< 0.5	2	0.37 < 0.5	5	34	7	1.49 < 10	1	0.12	10	0.54	185			
530-DM-397	201 229	< 1 < 0.2	2.56	10	110	0.5	< 2	0.46 < 0.5	9	56	24	2.61 < 10	< 1	0.31	20	0.89	265			
530-DM-399	201 229	< 1 < 0.2	2.67	8	110	< 0.5	2	0.42 < 0.5	9	55	26	2.73 < 10	1	0.31	10	0.81	270			
530-DM-400	201 229	< 1 < 0.2	1.94	6	80	< 0.5	< 2	0.39 < 0.5	7	46	17	2.08 < 10	1	0.23	10	0.73	220			
530-DM-401	201 229	< 1 < 0.2	2.59	8	120	0.5	< 2	0.31 < 0.5	8	54	29	2.79 < 10	< 1	0.28	20	0.83	210			
530-DM-402	201 229	< 1 < 0.2	2.73	8	120	0.5	< 2	0.36 < 0.5	9	61	30	3.01 < 10	< 1	0.35	20	0.97	290			
530-DM-404	201 229	< 1 < 0.2	2.47	4	110	0.5	< 2	0.40 < 0.5	10	56	17	2.59 < 10	< 1	0.37	10	0.88	465			
530-DM-405	201 229	9 < 0.2	1.25	< 2	30	< 0.5	< 2	0.34 < 0.5	6	29	17	1.52 < 10	1	0.03	10	0.37	125			
530-DM-406	201 229	8 < 0.2	1.13	< 2	30	< 0.5	< 2	0.45 < 0.5	6	40	12	1.75 < 10	< 1	0.09	10	0.47	220			
530-DM-408	201 229	6 < 0.2	0.54	6	30	< 0.5	< 2	0.19 < 0.5	1	16	3	0.65 < 10	1	0.05	< 10	0.14	75			
530-DM-410	201 229	1 < 0.2	2.16	2	80	0.5	< 2	0.44 < 0.5	7	50	25	2.31 < 10	< 1	0.22	30	0.61	200			
530-DM-412	201 229	18 < 0.2	1.20	2	80	< 0.5	< 2	0.23 < 0.5	2	23	7	1.32 < 10	2	0.14	10	0.28	80			
530-DM-414	201 229	< 1 < 0.2	2.83	4	120	0.5	< 2	0.37 < 0.5	10	59	20	2.74 < 10	< 1	0.39	10	0.89	360			
530-DM-415	201 229	< 1 < 0.2	1.00	6	40	< 0.5	< 2	0.33 < 0.5	4	32	5	1.40 < 10	< 1	0.11	10	0.39	140			
530-DM-416	201 229	< 1 < 0.2	2.26	34	180	< 0.5	< 2	0.37 < 0.5	12	40	28	2.13 < 10	< 1	0.15	10	0.48	710			
530-DM-417	201 229	< 1 < 0.2	1.53	2	60	0.5	< 2	0.31 < 0.5	7	31	15	1.49 < 10	1	0.09	10	0.46	230			
530-DM-419	201 229	< 1 < 0.2	2.05	4	110	0.5	< 2	0.42 < 0.5	7	43	17	2.17 < 10	2	0.27	20	0.60	320			
530-DM-420	201 229	5 < 0.2	1.23	12	80	0.5	< 2	0.31 < 0.5	7	32	11	1.77 < 10	< 1	0.08	< 10	0.37	390			
530-DM-484	201 229	< 1 < 0.2	1.88	8	100	0.5	< 2	0.41 < 0.5	8	42	7	2.37 < 10	< 1	0.24	10	0.55	545			
530-DM-485	201 229	< 1 < 0.2	1.14	< 2	40	0.5	< 2	0.33 < 0.5	3	24	8	1.30 < 10	< 1	0.08	10	0.36	130			
530-DM-486	201 229	2 < 0.2	1.53	6	50	0.5	< 2	0.29 < 0.5	7	30	11	1.45 < 10	< 1	0.06	10	0.42	170			
530-DM-488	201 229	6 < 0.2	1.36	8	30	0.5	< 2	0.25 < 0.5	4	29	8	1.52 < 10	< 1	0.06	< 10	0.33	115			
530-DM-490	201 229	< 1 < 0.2	1.66	16	60	0.5	< 2	0.24 < 0.5	4	33	22	2.13 < 10	< 1	0.06	< 10	0.29	110			
530-DM-492	201 229	8 < 0.2	1.24	< 2	60	0.5	< 2	0.37 < 0.5	4	26	7	1.35 < 10	< 1	0.08	10	0.35	160			
530-DM-494	201 229	< 1 < 0.2	1.99	< 2	60	0.5	< 2	0.37 < 0.5	7	42	18	2.10 < 10	< 1	0.18	10	0.64	200			
530-DM-496	201 229	33 < 0.2	1.06	8	60	0.5	< 2	0.25 < 0.5	4	28	10	1.71 < 10	< 1	0.05	< 10	0.24	245			
530-DM-497	201 229	2 < 0.2	1.51	8	60	0.5	< 2	0.30 < 0.5	6	30	19	1.58 < 10	< 1	0.07	10	0.45	175			
530-DM-498	201 229	4 < 0.2	1.38	26	60	0.5	< 2	0.25 < 0.5	3	21	13	1.49 < 10	< 1	0.06	10	0.23	130			

CERTIFICATION: *Stuart Deveau*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number :3-B  
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 Certificate Date: 18-JUL-95  
 Invoice No. :19521519  
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 Account :GKQ

Project :

Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS

## A9521519

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-DM-376	201 229	< 1	0.02	18	190	8	4	4	26	0.11	< 10	< 10	52	< 10	44
530-DM-378	201 229	< 1	0.02	25	170	14	2	6	30	0.13	< 10	< 10	60	< 10	58
530-DM-380	201 229	< 1	0.01	11	360	8	< 2	2	14	0.10	< 10	< 10	35	< 10	38
530-DM-381	201 229	< 1	0.01	12	270	8	< 2	2	17	0.13	< 10	< 10	36	< 10	26
530-DM-382	201 229	< 1	0.02	26	230	12	4	6	31	0.10	< 10	< 10	66	< 10	56
530-DM-383	201 229	< 1	0.01	18	190	2	2	3	24	0.10	< 10	< 10	42	< 10	36
530-DM-384	201 229	< 1	0.02	28	300	8	4	7	36	0.14	< 10	< 10	67	< 10	66
530-DM-385	201 229	< 1	0.03	29	250	14	< 2	10	40	0.14	< 10	< 10	85	< 10	76
530-DM-387	201 229	< 1	0.02	11	480	4	< 2	3	27	0.10	< 10	< 10	36	< 10	32
530-DM-389	201 229	< 1	0.01	21	450	6	< 2	4	27	0.12	< 10	< 10	50	< 10	92
530-DM-391	201 229	< 1	0.01	23	700	12	< 2	3	20	0.15	< 10	< 10	63	< 10	46
530-DM-393	201 229	< 1	0.01	36	510	14	< 2	7	37	0.15	< 10	< 10	70	< 10	62
530-DM-395	201 229	< 1	0.02	13	220	6	< 2	3	27	0.13	< 10	< 10	37	< 10	44
530-DM-397	201 229	< 1	0.03	24	300	10	< 2	7	40	0.14	< 10	< 10	60	< 10	52
530-DM-399	201 229	< 1	0.02	23	220	14	< 2	7	31	0.10	< 10	< 10	61	< 10	54
530-DM-400	201 229	< 1	0.03	18	330	4	< 2	5	31	0.12	< 10	< 10	47	< 10	44
530-DM-401	201 229	< 1	0.02	22	240	14	4	8	27	0.08	< 10	< 10	59	< 10	52
530-DM-402	201 229	< 1	0.02	24	270	12	2	8	29	0.09	< 10	< 10	64	< 10	60
530-DM-404	201 229	< 1	0.02	24	130	8	< 2	7	32	0.13	< 10	< 10	61	< 10	54
530-DM-405	201 229	< 1	0.01	14	220	6	2	2	21	0.13	< 10	< 10	34	< 10	24
530-DM-406	201 229	< 1	0.02	13	530	2	< 2	3	33	0.12	< 10	< 10	38	< 10	26
530-DM-408	201 229	< 1	0.01	4	180	2	< 2	1	17	0.09	< 10	< 10	18	< 10	14
530-DM-410	201 229	< 1	0.02	20	460	6	< 2	6	29	0.13	< 10	< 10	53	< 10	40
530-DM-412	201 229	< 1	0.01	7	210	6	< 2	3	24	0.08	< 10	< 10	31	< 10	24
530-DM-414	201 229	< 1	0.02	24	120	14	2	7	31	0.12	< 10	< 10	64	< 10	56
530-DM-415	201 229	< 1	0.02	10	440	6	< 2	2	25	0.11	< 10	< 10	33	< 10	30
530-DM-416	201 229	< 1	0.01	18	620	18	< 2	3	28	0.08	< 10	< 10	43	< 10	72
530-DM-417	201 229	< 1	0.02	14	270	4	2	3	21	0.12	< 10	< 10	36	< 10	58
530-DM-419	201 229	< 1	0.01	20	220	8	< 2	6	24	0.08	< 10	< 10	44	< 10	44
530-DM-420	201 229	< 1	0.01	13	1250	6	< 2	2	21	0.07	< 10	< 10	32	< 10	74
530-DM-484	201 229	< 1	0.01	15	410	6	< 2	3	25	0.10	< 10	< 10	48	< 10	40
530-DM-485	201 229	< 1	0.01	11	490	4	< 2	2	19	0.09	< 10	< 10	33	< 10	24
530-DM-486	201 229	< 1	0.01	13	210	6	< 2	3	24	0.11	< 10	< 10	35	< 10	48
530-DM-488	201 229	< 1	0.01	13	410	6	< 2	2	16	0.11	< 10	< 10	35	< 10	24
530-DM-490	201 229	1	0.01	11	400	6	< 2	2	17	0.12	< 10	< 10	51	< 10	54
530-DM-492	201 229	< 1	0.01	12	380	4	< 2	3	22	0.10	< 10	< 10	35	< 10	24
530-DM-494	201 229	< 1	0.02	18	330	8	< 2	4	32	0.12	< 10	< 10	50	< 10	40
530-DM-496	201 229	< 1	0.01	11	820	4	< 2	1	19	0.09	< 10	< 10	32	< 10	40
530-DM-497	201 229	< 1	0.01	16	500	4	< 2	2	21	0.12	< 10	< 10	36	< 10	36
530-DM-498	201 229	< 1	0.01	9	340	8	< 2	2	18	0.10	< 10	< 10	33	< 10	42

CERTIFICATION:

*Stuart Deveau*



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Page Number : 4-A  
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Account : GKQ

Project :  
Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS A9521519

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-DM-499	201 229	4	< 0.2	1.40	36	60	< 0.5	< 2	0.22	< 0.5	4	42	14	2.47	< 10	< 1	0.04	< 10	0.32	140
530-DM-500	201 229	< 1	< 0.2	2.32	2	80	< 0.5	< 2	0.49	< 0.5	9	50	26	2.42	10	< 1	0.22	30	0.77	250
530-DM-502	201 229	2	< 0.2	0.96	16	30	< 0.5	< 2	0.31	< 0.5	3	25	7	1.31	< 10	< 1	0.08	< 10	0.28	160
530-DM-504	201 229	16	< 0.2	1.07	2	20	< 0.5	< 2	0.30	< 0.5	4	31	9	1.58	< 10	< 1	0.07	< 10	0.37	130
530-DM-505	201 229	2	< 0.2	2.21	4	100	< 0.5	< 2	0.25	< 0.5	10	30	17	2.18	< 10	< 1	0.07	10	0.44	440
530-DM-506	201 229	9	< 0.2	4.73	22	80	< 0.5	< 2	0.41	< 0.5	30	150	100	6.18	10	< 1	0.04	< 10	1.48	280
530-DM-507	201 229	8	< 0.2	2.70	8	50	< 0.5	< 2	0.33	< 0.5	14	73	70	2.78	< 10	< 1	0.04	< 10	0.89	260
530-DM-508	201 229	1	< 0.2	2.04	8	40	< 0.5	< 2	0.38	< 0.5	40	54	237	2.17	< 10	< 1	0.06	10	0.50	260
530-DM-510	201 229	34	< 0.2	1.31	4	70	< 0.5	< 2	0.44	< 0.5	5	29	12	1.38	< 10	< 1	0.10	10	0.38	305
530-DM-512	201 229	32	< 0.2	0.95	2	20	< 0.5	< 2	0.28	< 0.5	2	25	5	1.25	< 10	< 1	0.06	< 10	0.30	115
530-DM-514	201 229	11	< 0.2	1.33	< 2	50	< 0.5	< 2	0.31	< 0.5	5	31	8	1.54	< 10	< 1	0.07	10	0.38	135
530-DM-516	201 229	125	< 0.2	2.18	4	50	< 0.5	4	0.24	< 0.5	7	40	23	2.67	< 10	< 1	0.03	< 10	0.37	145
530-DM-517	201 229	18	< 0.2	1.14	< 2	30	< 0.5	4	0.22	< 0.5	3	18	7	0.85	< 10	< 1	0.04	< 10	0.21	90
530-DM-518	201 229	17	< 0.2	0.78	2	20	< 0.5	4	0.22	< 0.5	2	14	4	0.74	< 10	< 1	0.02	< 10	0.17	65

CERTIFICATION:

*Handwritten signature*



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## CERTIFICATE OF ANALYSIS

### A9521519

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-DM-499	201	229	1	0.01	17	390	8	< 2	2	17	0.11	< 10	< 10	58	< 10	52
530-DM-500	201	229	< 1	0.02	22	240	8	< 2	6	44	0.13	< 10	< 10	57	< 10	46
530-DM-502	201	229	< 1	0.01	10	670	6	< 2	2	21	0.10	< 10	< 10	28	< 10	28
530-DM-504	201	229	< 1	0.01	14	340	4	< 2	2	19	0.12	< 10	< 10	34	< 10	22
530-DM-505	201	229	1	0.01	19	850	4	< 2	2	16	0.10	< 10	< 10	39	< 10	112
530-DM-506	201	229	< 1	0.08	51	520	4	2	11	11	0.15	< 10	< 10	208	10	86
530-DM-507	201	229	< 1	0.02	33	260	6	< 2	4	13	0.16	< 10	< 10	69	< 10	56
530-DM-508	201	229	< 1	0.01	48	240	6	2	3	15	0.12	< 10	< 10	47	< 10	50
530-DM-510	201	229	< 1	0.01	13	170	2	< 2	3	20	0.09	< 10	< 10	34	< 10	28
530-DM-512	201	229	< 1	0.01	9	250	6	< 2	2	24	0.11	< 10	< 10	30	< 10	28
530-DM-514	201	229	< 1	0.01	12	480	6	< 2	3	25	0.11	< 10	< 10	36	< 10	32
530-DM-516	201	229	< 1	0.01	18	370	4	< 2	3	16	0.14	< 10	< 10	61	< 10	44
530-DM-517	201	229	< 1	0.01	7	190	4	< 2	2	18	0.09	< 10	< 10	22	< 10	20
530-DM-518	201	229	< 1	0.01	6	270	2	< 2	1	16	0.09	< 10	< 10	21	< 10	16

CERTIFICATION:

*Hank Becker*



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 Invoice No. :19521520  
 P.O. Number :  
 Account :GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

## CERTIFICATE OF ANALYSIS A9521520

SAMPLE	PREP		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		NAA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
530-JDC-001	201	229	5	< 0.2	0.88	8	80	< 0.5	< 2	0.32	< 0.5	2	22	8	1.24	< 10	< 1	0.06	10	0.24	120
530-JDC-002	201	229	< 1	< 0.2	1.13	4	60	< 0.5	< 2	0.44	< 0.5	5	31	9	1.35	< 10	< 1	0.11	10	0.45	260
530-JDC-004	201	229	2	< 0.2	1.68	8	60	< 0.5	< 2	0.44	< 0.5	6	33	11	1.61	< 10	< 1	0.06	10	0.47	240
530-JDC-005	201	229	2	< 0.2	1.57	14	150	< 0.5	< 2	0.27	< 0.5	15	43	15	2.98	< 10	< 1	0.07	10	0.27	1090
530-JDC-006	201	229	3	< 0.2	1.80	18	260	< 0.5	< 2	0.44	< 0.5	14	56	11	2.88	< 10	< 1	0.11	< 10	0.99	1655
530-JDC-007	201	229	7	< 0.2	1.25	20	150	< 0.5	< 2	0.33	< 0.5	6	30	7	1.88	< 10	< 1	0.11	10	0.39	310
530-JDC-009	201	229	3	< 0.2	1.21	4	80	< 0.5	< 2	0.34	< 0.5	4	31	6	1.59	< 10	< 1	0.08	10	0.34	310
530-JDC-011	201	229	< 1	< 0.2	2.42	6	160	< 0.5	< 2	0.54	< 0.5	12	52	19	2.48	10	< 1	0.27	20	0.78	850
530-JDC-013	201	229	43	< 0.2	1.43	6	130	< 0.5	< 2	0.48	< 0.5	8	35	10	1.70	< 10	< 1	0.22	10	0.54	645
530-JDC-015	201	229	26	< 0.2	0.82	< 2	40	< 0.5	< 2	0.34	< 0.5	3	21	4	1.04	< 10	< 1	0.10	10	0.34	160
530-JDC-017	201	229	2	< 0.2	1.29	4	100	< 0.5	< 2	0.39	< 0.5	7	30	11	1.42	< 10	< 1	0.16	10	0.44	525
530-JDC-019	201	229	6	< 0.2	1.82	4	190	< 0.5	< 2	0.70	< 0.5	11	36	24	1.94	< 10	< 1	0.30	20	0.55	960
530-JDC-021	201	229	5	< 0.2	1.06	< 2	70	< 0.5	< 2	0.39	< 0.5	6	27	8	1.31	< 10	< 1	0.18	10	0.39	365
530-JDC-023	201	229	9	< 0.2	1.67	8	130	< 0.5	< 2	0.73	< 0.5	10	38	19	1.88	< 10	< 1	0.29	10	0.60	420
530-JDC-025	201	229	2	< 0.2	1.33	2	70	< 0.5	< 2	0.55	< 0.5	4	30	14	1.44	< 10	< 1	0.15	10	0.40	335
530-JDC-027	201	229	3	0.2	0.32	4	60	< 0.5	< 2	3.53	< 0.5	1	8	81	0.32	< 10	< 1	0.06	< 10	0.10	360
530-JDC-028	201	229	10	< 0.2	1.96	22	110	< 0.5	< 2	1.46	0.5	11	39	237	1.86	< 10	< 1	0.10	10	0.45	1370
530-JDC-029	201	229	29	< 0.2	2.54	70	180	< 0.5	< 2	1.24	1.0	58	75	81	3.54	< 10	< 1	0.08	10	0.69	2920
530-JDC-030	201	229	12	< 0.2	1.88	30	120	< 0.5	< 2	0.47	< 0.5	14	61	32	2.96	< 10	< 1	0.06	< 10	0.70	1230
530-JDC-032	201	229	8	< 0.2	1.52	20	40	< 0.5	< 2	0.30	< 0.5	6	46	16	2.70	< 10	< 1	0.07	< 10	0.48	205
530-JDC-034	201	229	5	< 0.2	1.82	4	80	< 0.5	< 2	0.37	< 0.5	14	52	13	1.92	< 10	< 1	0.05	10	0.54	525
530-JDC-035	201	229	6	< 0.2	2.22	16	80	< 0.5	< 2	0.25	< 0.5	9	43	15	2.64	< 10	< 1	0.07	< 10	0.51	330
530-JDC-036	201	229	5	< 0.2	1.74	10	60	< 0.5	< 2	0.28	< 0.5	8	51	15	2.53	< 10	< 1	0.07	< 10	0.48	180
530-JDC-037	201	229	< 1	< 0.2	1.85	18	90	< 0.5	< 2	0.33	< 0.5	8	64	12	2.95	< 10	< 1	0.12	< 10	0.58	260
530-JDC-039	201	229	< 1	< 0.2	0.91	2	20	< 0.5	< 2	0.28	< 0.5	2	25	3	1.29	< 10	< 1	0.07	< 10	0.27	110
530-JDC-040	201	229	1	< 0.2	1.55	14	70	< 0.5	< 2	0.36	< 0.5	7	38	11	1.86	< 10	< 1	0.22	< 10	0.50	280
530-JDC-041	201	229	< 1	< 0.2	1.11	< 2	40	< 0.5	< 2	0.42	< 0.5	3	27	7	1.26	< 10	< 1	0.08	< 10	0.38	160
530-JDC-043A	201	229	< 1	< 0.2	1.39	8	30	< 0.5	< 2	0.31	< 0.5	3	28	12	1.34	< 10	< 1	0.03	< 10	0.34	130
530-JDC-043B	201	229	3	< 0.2	3.01	12	120	< 0.5	< 2	0.28	< 0.5	13	71	27	3.71	< 10	< 1	0.08	10	0.75	605
530-JDC-044	201	229	7	< 0.2	2.75	18	60	< 0.5	< 2	0.28	< 0.5	11	75	32	3.66	< 10	< 1	0.05	< 10	0.86	300
530-JDC-045	201	229	2	< 0.2	3.32	18	60	< 0.5	< 2	0.50	< 0.5	15	153	41	3.87	< 10	< 1	0.06	10	1.61	410
530-JDC-046	201	229	16	< 0.2	1.69	10	60	< 0.5	2	0.21	< 0.5	8	49	19	2.59	< 10	< 1	0.04	< 10	0.56	215
530-JDC-047	201	229	11	< 0.2	1.96	4	100	< 0.5	< 2	0.38	< 0.5	8	47	13	2.22	< 10	< 1	0.04	10	0.68	220
530-JDC-049	201	229	3	< 0.2	1.44	6	70	< 0.5	< 2	0.18	< 0.5	6	35	14	2.07	< 10	< 1	0.04	< 10	0.35	145
530-JDC-051	201	229	3	< 0.2	1.14	6	20	< 0.5	< 2	0.22	< 0.5	4	26	12	1.27	< 10	< 1	0.04	< 10	0.33	115
530-JDC-052	201	229	3	< 0.2	1.73	4	50	< 0.5	< 2	0.27	< 0.5	10	51	12	2.37	< 10	< 1	0.10	< 10	0.67	270
530-JDC-053	201	229	426	< 0.2	2.35	20	90	< 0.5	< 2	0.26	< 0.5	26	84	35	3.34	< 10	< 1	0.06	< 10	0.97	1120
530-JDC-054	201	229	1	< 0.2	1.57	8	50	< 0.5	< 2	0.25	< 0.5	8	41	15	2.14	< 10	< 1	0.06	< 10	0.33	150
530-JDC-056	201	229	11	< 0.2	0.64	2	10	< 0.5	< 2	0.19	< 0.5	2	15	4	0.65	< 10	< 1	0.03	< 10	0.15	60
530-JDC-058	201	229	1	< 0.2	1.62	58	50	< 0.5	< 2	0.20	< 0.5	7	63	22	2.66	< 10	< 1	0.09	< 10	0.68	190

CERTIFICATION:

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Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

Page Number :1-B  
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Certificate Date: 18-JUL-95  
Invoice No. : 19521520  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9521520

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
530-JDC-001	201 229	< 1	0.01	8	200	6	< 2	2	19	0.11	< 10	< 10	26	< 10	20
530-JDC-002	201 229	< 1	0.02	13	320	6	2	3	27	0.12	< 10	< 10	32	< 10	32
530-JDC-004	201 229	< 1	0.02	15	580	< 2	< 2	3	25	0.11	< 10	< 10	36	< 10	38
530-JDC-005	201 229	< 1	0.01	13	1670	4	< 2	4	11	0.11	< 10	< 10	74	< 10	72
530-JDC-006	201 229	< 1	0.01	23	930	2	< 2	8	19	0.14	< 10	< 10	75	< 10	66
530-JDC-007	201 229	< 1	0.01	11	1200	4	< 2	2	23	0.11	< 10	< 10	35	< 10	52
530-JDC-009	201 229	< 1	0.02	10	820	2	< 2	2	27	0.11	< 10	< 10	35	< 10	40
530-JDC-011	201 229	< 1	0.02	25	600	6	2	5	41	0.12	< 10	< 10	52	< 10	82
530-JDC-013	201 229	< 1	0.02	16	370	8	< 2	4	34	0.11	< 10	< 10	39	< 10	56
530-JDC-015	201 229	< 1	0.01	9	340	2	< 2	2	24	0.10	< 10	< 10	27	< 10	28
530-JDC-017	201 229	< 1	0.02	14	340	4	< 2	3	26	0.10	< 10	< 10	32	< 10	44
530-JDC-019	201 229	< 1	0.01	23	590	16	2	4	42	0.07	< 10	< 10	40	< 10	68
530-JDC-021	201 229	< 1	0.01	11	290	12	< 2	2	26	0.10	< 10	< 10	34	< 10	46
530-JDC-023	201 229	< 1	0.02	20	290	10	< 2	4	33	0.09	< 10	< 10	41	< 10	50
530-JDC-025	201 229	< 1	0.01	14	670	4	< 2	3	24	0.09	< 10	< 10	32	< 10	32
530-JDC-027	201 229	< 1	0.01	10	730	2	2	< 1	28	0.01	< 10	< 10	8	< 10	24
530-JDC-028	201 229	< 1	0.02	44	500	8	< 2	6	25	0.08	< 10	< 10	33	< 10	112
530-JDC-029	201 229	< 1	0.01	43	1470	18	2	7	21	0.06	< 10	< 10	71	10	218
530-JDC-030	201 229	< 1	0.01	27	590	22	2	6	15	0.10	< 10	< 10	80	< 10	100
530-JDC-032	201 229	< 1	0.01	19	910	8	4	3	21	0.13	< 10	< 10	55	< 10	34
530-JDC-034	201 229	< 1	0.01	20	390	6	< 2	3	21	0.12	< 10	< 10	42	< 10	42
530-JDC-035	201 229	< 1	0.01	18	440	10	2	3	17	0.13	< 10	< 10	60	< 10	62
530-JDC-036	201 229	< 1	0.01	24	800	4	< 2	3	21	0.13	< 10	< 10	52	< 10	42
530-JDC-037	201 229	< 1	0.01	24	1740	2	< 2	3	26	0.11	< 10	< 10	57	< 10	50
530-JDC-039	201 229	< 1	0.02	8	330	< 2	< 2	2	22	0.11	< 10	< 10	30	< 10	28
530-JDC-040	201 229	< 1	0.02	15	200	6	< 2	3	28	0.11	< 10	< 10	45	< 10	34
530-JDC-041	201 229	< 1	0.02	11	340	4	< 2	2	24	0.11	< 10	< 10	32	< 10	28
530-JDC-043A	201 229	< 1	0.02	13	230	< 2	< 2	2	23	0.12	< 10	< 10	33	< 10	20
530-JDC-043B	201 229	< 1	0.01	25	400	8	< 2	5	18	0.14	< 10	< 10	95	< 10	78
530-JDC-044	201 229	< 1	0.01	33	320	2	< 2	4	21	0.19	< 10	< 10	83	< 10	64
530-JDC-045	201 229	1	0.03	47	230	6	< 2	6	46	0.23	< 10	< 10	90	< 10	66
530-JDC-046	201 229	1	0.01	20	180	6	< 2	3	16	0.16	< 10	< 10	63	< 10	40
530-JDC-047	201 229	< 1	0.01	18	240	8	2	3	19	0.16	< 10	< 10	54	< 10	38
530-JDC-049	201 229	< 1	0.01	20	230	6	2	2	12	0.12	< 10	< 10	45	< 10	24
530-JDC-051	201 229	< 1	0.01	14	270	4	< 2	2	14	0.10	< 10	< 10	28	< 10	22
530-JDC-052	201 229	< 1	0.01	22	150	4	< 2	3	21	0.16	< 10	< 10	55	< 10	46
530-JDC-053	201 229	< 1	0.01	28	960	4	< 2	7	15	0.11	< 10	< 10	78	< 10	68
530-JDC-054	201 229	< 1	0.01	22	830	< 2	< 2	2	20	0.11	< 10	< 10	44	< 10	24
530-JDC-056	201 229	< 1	0.01	7	310	< 2	< 2	1	13	0.08	< 10	< 10	17	< 10	14
530-JDC-058	201 229	< 1	0.01	24	360	4	< 2	4	14	0.15	< 10	< 10	70	< 10	44

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
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To: PLAGER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project :

Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

Page Number :2-A  
Total Pages :2  
Certificate Date: 18-JUL-95  
Invoice No. : 19521520  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9521520

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-JDC-059	201 229	3	< 0.2	1.84	< 2	70	< 0.5	< 2	0.33	< 0.5	4	37	15	1.61	< 10	< 1	0.07	10	0.46	130
530-JDC-061	201 229	2	< 0.2	1.35	8	40	< 0.5	< 2	0.22	< 0.5	5	24	14	1.48	< 10	< 1	0.04	< 10	0.21	80
530-JDC-063	201 229	22	< 0.2	1.04	2	30	< 0.5	< 2	0.31	< 0.5	4	27	9	1.25	< 10	< 1	0.03	< 10	0.34	135
530-JDC-065	201 229	22	< 0.2	1.08	32	30	< 0.5	< 2	0.23	< 0.5	4	36	13	2.53	< 10	< 1	0.04	< 10	0.30	145
530-JDC-067	201 229	10	< 0.2	1.69	20	70	< 0.5	< 2	0.26	< 0.5	9	40	20	2.06	< 10	< 1	0.08	< 10	0.42	165
530-JDC-069	201 229	5	< 0.2	0.96	8	60	< 0.5	< 2	0.45	< 0.5	4	30	10	1.33	< 10	< 1	0.08	10	0.26	160
530-JDC-070	201 229	< 1	< 0.2	0.62	< 2	20	< 0.5	< 2	0.27	< 0.5	2	17	2	0.72	< 10	< 1	0.06	< 10	0.17	60
530-JDC-071	201 229	2	< 0.2	2.53	28	130	< 0.5	< 2	0.62	< 0.5	10	56	21	2.42	< 10	< 1	0.33	10	0.78	450
530-JDC-072	201 229	3	< 0.2	1.58	18	80	< 0.5	< 2	0.46	< 0.5	7	38	13	1.59	< 10	< 1	0.14	10	0.53	340
530-JDC-074	201 229	< 1	< 0.2	0.81	6	10	< 0.5	< 2	0.37	< 0.5	2	28	3	1.16	< 10	< 1	0.04	< 10	0.26	95
530-JDC-076	201 229	7	< 0.2	0.68	2	10	< 0.5	< 2	0.25	< 0.5	2	17	6	0.71	< 10	< 1	0.02	< 10	0.20	90

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

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Project :

Comments: ATTN: STUART DEVEAU CC: JAYME CAMPBELL

Page Number :2-B

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Certificate Date: 18-JUL-95

Invoice No. :19521520

P.O. Number :

Account :GKQ

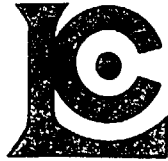
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### A9521520

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
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530-JDC-059	201	229	< 1	0.02	15	250	6	< 2	4	24	0.10	< 10	< 10	37	< 10	28
530-JDC-061	201	229	< 1	0.01	13	350	< 2	< 2	1	13	0.11	< 10	< 10	31	< 10	18
530-JDC-063	201	229	< 1	0.01	12	170	2	< 2	2	19	0.12	< 10	< 10	30	< 10	28
530-JDC-065	201	229	< 1	0.01	12	1180	4	< 2	2	15	0.10	< 10	< 10	60	< 10	28
530-JDC-067	201	229	< 1	0.01	26	280	4	< 2	2	19	0.13	< 10	< 10	48	< 10	30
530-JDC-069	201	229	< 1	0.01	12	250	4	< 2	2	23	0.10	< 10	< 10	30	< 10	24
530-JDC-070	201	229	< 1	0.01	6	160	< 2	< 2	1	15	0.08	< 10	< 10	20	< 10	10
530-JDC-071	201	229	< 1	0.02	25	290	10	< 2	6	35	0.12	< 10	< 10	57	< 10	50
530-JDC-072	201	229	< 1	0.02	17	250	6	< 2	4	29	0.12	< 10	< 10	41	< 10	36
530-JDC-074	201	229	< 1	0.02	8	450	< 2	< 2	2	26	0.10	< 10	< 10	29	< 10	14
530-JDC-076	201	229	< 1	0.01	7	180	< 2	< 2	1	17	0.10	< 10	< 10	21	< 10	16

CERTIFICATION:

*Stuart Deveau*



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Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project: 530  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

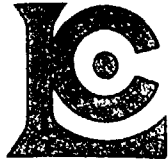
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Total Pages : 2  
Certificate Date: 13-AUG-95  
Invoice No. : 19523756  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523756

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-CT-001	201 229	2 < 0.2	2.25	< 2	190	0.5	< 2	0.81 < 0.5	10	49	33	2.62	< 10	1	0.25	20	0.68	420		
530-CT-002	201 229	2 < 0.2	0.66	2	20	< 0.5	< 2	0.24 < 0.5	2	20	6	0.90	< 10	< 1	0.02	< 10	0.18	60		
530-CT-003	201 229	4 < 0.2	1.28	20	40	< 0.5	< 2	0.26 < 0.5	8	29	30	1.66	< 10	< 1	0.02	< 10	0.31	145		
530-CT-004	201 229	3 < 0.2	1.94	< 2	170	0.5	< 2	0.65 < 0.5	12	50	19	2.51	< 10	< 1	0.39	30	0.83	700		
530-CT-005	201 229	< 1 < 0.2	2.20	< 2	170	0.5	2	0.64 < 0.5	13	51	17	2.72	< 10	< 1	0.42	20	0.88	780		
530-CT-006	201 229	< 1 < 0.2	1.99	< 2	110	0.5	< 2	0.42 < 0.5	10	48	12	2.33	< 10	2	0.35	10	0.80	450		
530-CT-007	201 229	< 1 < 0.2	1.84	< 2	120	< 0.5	< 2	0.54 < 0.5	11	44	10	2.29	< 10	1	0.36	10	0.81	595		
530-CT-008	201 229	< 1 < 0.2	3.46	< 2	160	0.5	< 2	0.62 < 0.5	13	72	30	3.80	< 10	< 1	0.58	10	1.28	490		
530-CT-009	201 229	< 1 < 0.2	1.63	< 2	110	< 0.5	< 2	0.44 < 0.5	7	36	10	1.96	< 10	< 1	0.25	10	0.51	350		
530-CT-010	201 229	< 1 < 0.2	3.12	< 2	260	1.0	< 2	0.64 < 0.5	15	57	32	3.49	< 10	1	0.38	40	0.77	950		
530-CT-011	201 229	< 1 < 0.2	1.73	< 2	100	0.5	< 2	0.39 < 0.5	9	42	17	2.12	< 10	< 1	0.28	20	0.68	545		
530-CT-012	201 229	2 < 0.2	4.70	< 2	110	< 0.5	< 2	0.27 < 0.5	30	165	23	7.89	10	< 1	0.25	< 10	2.33	1020		
530-CT-013	201 229	1 < 0.2	2.10	< 2	50	< 0.5	< 2	0.16 < 0.5	7	44	12	2.45	< 10	< 1	0.04	< 10	0.45	140		
530-CT-014	201 229	< 1 < 0.2	1.46	< 2	60	< 0.5	2	0.33 < 0.5	7	34	6	1.74	< 10	< 1	0.14	10	0.55	300		
530-CT-015	201 229	< 1 < 0.2	3.74	< 2	230	< 0.5	2	0.46 < 0.5	26	36	26	6.24	10	< 1	0.36	< 10	1.33	1285		
530-CT-016	201 229	2 < 0.2	1.02	< 2	50	< 0.5	< 2	0.18 < 0.5	4	29	3	1.70	< 10	< 1	0.08	< 10	0.33	145		
530-CT-017	201 229	< 1 < 0.2	0.90	< 2	50	< 0.5	< 2	0.24 < 0.5	4	27	5	1.39	< 10	< 1	0.16	10	0.41	180		
530-CT-018	201 229	< 1 < 0.2	1.69	< 2	100	< 0.5	< 2	0.31 < 0.5	10	48	10	2.38	< 10	< 1	0.31	10	0.72	570		
530-CT-019	201 229	< 1 < 0.2	0.42	< 2	20	< 0.5	< 2	0.16 < 0.5	1	9	1	0.51	< 10	< 1	0.02	< 10	0.13	45		
530-CT-020	201 229	< 1 < 0.2	0.96	< 2	40	< 0.5	< 2	0.23 < 0.5	3	24	6	1.18	< 10	< 1	0.09	10	0.33	130		
530-CT-021	201 229	< 1 < 0.2	0.90	< 2	30	< 0.5	2	0.42 < 0.5	3	29	3	1.37	< 10	< 1	0.11	10	0.43	150		
530-CT-022	201 229	< 1 < 0.2	0.89	< 2	50	< 0.5	< 2	0.29 < 0.5	3	24	4	1.29	< 10	< 1	0.14	10	0.37	205		
530-CT-023	201 229	< 1 < 0.2	0.78	< 2	40	< 0.5	< 2	0.26 < 0.5	3	20	3	1.02	< 10	< 1	0.12	< 10	0.30	85		
530-CT-024	201 229	2 < 0.2	2.12	< 2	170	0.5	< 2	0.89 < 0.5	7	39	17	2.12	< 10	< 1	0.23	20	0.54	380		
530-CT-025	201 229	< 1 < 0.2	0.80	< 2	50	< 0.5	< 2	0.25 < 0.5	3	22	3	1.07	< 10	< 1	0.12	10	0.30	165		
530-CT-026	201 229	< 1 < 0.2	2.75	32	140	< 0.5	< 2	1.04 < 0.5	11	67	47	2.73	< 10	< 1	0.14	10	0.85	430		
530-CT-027	217 229	7 < 0.2	2.24	30	180	< 0.5	< 2	0.66 < 0.5	18	226	28	4.49	< 10	< 1	0.09	< 10	0.86	1225		
530-CT-028A	201 229	< 1 < 0.2	1.47	14	80	< 0.5	< 2	0.31 < 0.5	23	69	15	2.65	< 10	< 1	0.06	< 10	0.44	715		
530-CT-028B	201 229	7 < 0.2	1.13	14	40	< 0.5	< 2	0.21 < 0.5	6	38	14	2.25	< 10	< 1	0.06	< 10	0.33	155		
530-CT-029	201 229	9 < 0.2	0.67	< 2	20	< 0.5	< 2	0.16 < 0.5	4	20	1	1.11	< 10	< 1	0.04	< 10	0.21	80		
530-CT-030	201 229	< 1 < 0.2	0.82	4	20	< 0.5	< 2	0.19 < 0.5	4	27	8	1.79	< 10	< 1	0.04	< 10	0.23	170		
530-CT-031	201 229	2 < 0.2	0.85	< 2	20	< 0.5	< 2	0.19 < 0.5	3	24	3	1.38	< 10	< 1	0.06	< 10	0.26	105		
530-CT-032	201 229	< 1 < 0.2	0.85	< 2	30	< 0.5	< 2	0.25 < 0.5	3	20	3	1.04	< 10	< 1	0.07	< 10	0.28	110		
530-CT-033	201 229	< 1 < 0.2	0.58	< 2	20	< 0.5	< 2	0.17 < 0.5	2	14	2	0.69	< 10	< 1	0.01	< 10	0.15	55		
530-CT-034	201 229	2 < 0.2	1.17	< 2	30	< 0.5	< 2	0.17 < 0.5	4	20	5	1.28	< 10	< 1	0.02	< 10	0.19	80		
530-CT-035	201 229	4 < 0.2	0.93	< 2	20	< 0.5	< 2	0.22 < 0.5	4	27	4	1.13	< 10	< 1	0.03	< 10	0.34	110		
530-CT-036	201 229	2 < 0.2	1.72	4	60	< 0.5	< 2	0.22 < 0.5	9	41	12	2.77	< 10	< 1	0.07	< 10	0.48	215		
530-CT-037	201 229	16 < 0.2	0.59	4	20	< 0.5	< 2	0.24 < 0.5	3	21	3	0.97	< 10	< 1	0.03	< 10	0.20	75		
530-CT-038	201 229	7 < 0.2	0.45	< 2	10	< 0.5	< 2	0.28 < 0.5	2	13	2	0.57	< 10	< 1	0.02	< 10	0.16	65		
530-CT-039	201 229	4 < 0.2	1.84	6	100	< 0.5	2	0.31 < 0.5	22	87	102	2.66	< 10	< 1	0.05	10	0.47	1855		

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 POV 1C0

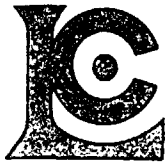
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 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

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 Total Pages : 2  
 Certificate Date: 13-AUG-95  
 Invoice No. : I9523756  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523756

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-CT-001	201	229	< 1	0.01	26	230	8	< 2	6	21	0.08	< 10	< 10	51	< 10	60
530-CT-002	201	229	< 1	< 0.01	9	490	2	< 2	1	10	0.06	< 10	< 10	19	< 10	12
530-CT-003	201	229	< 1	< 0.01	23	260	6	< 2	1	11	0.06	< 10	< 10	34	< 10	28
530-CT-004	201	229	< 1	0.01	32	550	10	< 2	5	31	0.10	< 10	< 10	44	< 10	68
530-CT-005	201	229	< 1	0.01	27	590	12	< 2	6	37	0.14	< 10	< 10	52	< 10	76
530-CT-006	201	229	< 1	0.01	23	330	8	< 2	5	26	0.11	< 10	< 10	50	< 10	64
530-CT-007	201	229	< 1	0.01	21	470	6	< 2	4	34	0.14	< 10	< 10	45	< 10	78
530-CT-008	201	229	< 1	0.02	33	320	12	2	8	42	0.15	< 10	< 10	76	< 10	82
530-CT-009	201	229	< 1	< 0.01	19	480	2	< 2	4	22	0.08	< 10	< 10	35	< 10	38
530-CT-010	201	229	< 1	0.01	39	420	10	< 2	8	33	0.08	< 10	< 10	68	< 10	86
530-CT-011	201	229	< 1	0.01	20	270	4	< 2	4	27	0.11	< 10	< 10	44	< 10	62
530-CT-012	201	229	1	< 0.01	64	1790	8	< 2	6	9	0.31	< 10	< 10	213	< 10	200
530-CT-013	201	229	< 1	< 0.01	17	590	8	< 2	2	11	0.11	< 10	< 10	52	< 10	58
530-CT-014	201	229	< 1	< 0.01	16	140	4	< 2	3	24	0.11	< 10	< 10	37	< 10	42
530-CT-015	201	229	< 1	< 0.01	21	1230	6	< 2	6	9	0.38	< 10	< 10	182	< 10	180
530-CT-016	201	229	< 1	< 0.01	12	670	2	< 2	1	14	0.08	< 10	< 10	32	< 10	46
530-CT-017	201	229	< 1	< 0.01	12	220	4	< 2	2	17	0.08	< 10	< 10	30	< 10	32
530-CT-018	201	229	< 1	< 0.01	24	320	6	< 2	3	21	0.10	< 10	< 10	43	< 10	60
530-CT-019	201	229	< 1	< 0.01	3	250	2	< 2	< 1	8	0.04	< 10	< 10	12	< 10	10
530-CT-020	201	229	< 1	< 0.01	9	170	6	< 2	2	19	0.08	< 10	< 10	29	< 10	30
530-CT-021	201	229	< 1	0.01	10	540	2	< 2	3	28	0.10	< 10	< 10	31	< 10	28
530-CT-022	201	229	< 1	< 0.01	10	290	4	< 2	2	24	0.09	< 10	< 10	31	< 10	32
530-CT-023	201	229	< 1	< 0.01	8	150	4	< 2	2	20	0.08	< 10	< 10	23	< 10	26
530-CT-024	201	229	< 1	0.01	22	560	10	< 2	4	42	0.07	< 10	< 10	38	< 10	66
530-CT-025	201	229	< 1	< 0.01	8	40	4	< 2	2	20	0.09	< 10	< 10	24	< 10	40
530-CT-026	201	229	< 1	0.01	41	170	6	2	6	33	0.14	< 10	< 10	55	< 10	80
530-CT-027	217	229	1	0.02	36	1290	18	< 2	5	18	0.18	< 10	< 10	101	< 10	94
530-CT-028A	201	229	1	< 0.01	32	400	8	< 2	2	14	0.13	< 10	< 10	63	< 10	52
530-CT-028B	201	229	< 1	< 0.01	22	1200	4	2	1	13	0.07	< 10	< 10	37	< 10	26
530-CT-029	201	229	< 1	< 0.01	11	150	2	< 2	1	9	0.08	< 10	< 10	30	< 10	12
530-CT-030	201	229	< 1	< 0.01	12	570	2	< 2	1	11	0.07	< 10	< 10	33	< 10	28
530-CT-031	201	229	< 1	< 0.01	9	220	2	< 2	1	12	0.09	< 10	< 10	28	< 10	16
530-CT-032	201	229	< 1	< 0.01	8	250	2	< 2	1	18	0.09	< 10	< 10	26	< 10	16
530-CT-033	201	229	< 1	< 0.01	6	60	2	< 2	1	11	0.08	< 10	< 10	19	< 10	8
530-CT-034	201	229	< 1	< 0.01	10	110	4	< 2	1	12	0.10	< 10	< 10	30	< 10	20
530-CT-035	201	229	< 1	< 0.01	14	130	4	< 2	2	13	0.10	< 10	< 10	29	< 10	20
530-CT-036	201	229	< 1	< 0.01	30	630	2	< 2	3	14	0.12	< 10	< 10	61	< 10	30
530-CT-037	201	229	< 1	< 0.01	13	160	2	< 2	1	11	0.08	< 10	< 10	22	< 10	12
530-CT-038	201	229	< 1	< 0.01	4	490	2	< 2	1	15	0.06	< 10	< 10	15	< 10	8
530-CT-039	201	229	< 1	< 0.01	67	470	8	< 2	3	17	0.09	< 10	< 10	52	< 10	62

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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to: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

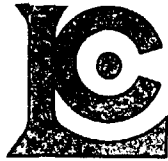
Project: 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 2-A  
 Total Pages : 2  
 Certificate Date: 13-AUG-95  
 Invoice No. : 19523756  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523756

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
530-CT-040	201 229	1 < 0.2	1.09	6	30 < 0.5	< 2	0.15 < 0.5	4	26	5	1.59 < 10	< 1	0.02 < 10	0.14	50					
530-CT-041	201 229	9 < 0.2	0.40 < 2	20 < 0.5	< 2	0.18 < 0.5	2	27	1	1.60 < 10	< 1	0.01 < 10	0.08	65						
530-CT-042	201 229	< 1 < 0.2	0.55	2	20 < 0.5	< 2	0.15 < 0.5	1	13	2	0.73 < 10	< 1	0.02 < 10	0.10	40					
530-CT-043	201 229	< 1 < 0.2	0.44 < 2	20 < 0.5	< 2	0.29 < 0.5	1	19	2	0.91 < 10	< 1	0.03 < 10	0.16	50						
530-CT-185	201 229	< 1 < 0.2	1.99 < 2	100	0.5	< 2	0.62 < 0.5	8	51	13	2.25 < 10	< 1	0.22 < 10	0.58	185					
530-CT-186	201 229	14 < 0.2	1.25	6	40 < 0.5	< 2	0.34 < 0.5	8	32	14	2.21 < 10	< 1	0.11 < 10	0.52	375					
530-DM-1300	201 229	2 < 0.2	0.99	8	20 < 0.5	< 2	0.16 < 0.5	3	25	8	1.52 < 10	< 1	0.03 < 10	0.20	70					
530-DM-1301	201 229	< 1 < 0.2	2.02	28	100 < 0.5	< 2	0.64 < 0.5	11	47	23	2.40 < 10	< 1	0.23 < 10	0.68	365					
530-DM-1302	201 229	90 < 0.2	0.59	20	20 < 0.5	< 2	0.25 < 0.5	2	19	4	0.85 < 10	< 1	0.03 < 10	0.21	75					
530-DM-1303	201 229	2 < 0.2	0.50	10	20 < 0.5	< 2	0.18 < 0.5	2	13	3	0.62 < 10	< 1	0.02 < 10	0.12	75					
530-DM-1304	201 229	< 1 < 0.2	1.74	24	60 < 0.5	< 2	0.38 < 0.5	14	36	30	2.10 < 10	< 1	0.04 < 10	0.29	275					
530-DM-1305	201 229	3 < 0.2	0.86	8	20 < 0.5	< 2	0.12 < 0.5	4	22	6	1.65 < 10	< 1	0.03 < 10	0.16	70					
530-DM-1306	201 229	5 < 0.2	1.44	6	70 < 0.5	< 2	0.25 < 0.5	8	45	8	2.32 < 10	1	0.07 < 10	0.36	145					
530-DM-1307	201 229	7 < 0.2	1.50	14	100 < 0.5	< 2	0.17 < 0.5	12	38	11	2.54 < 10	< 1	0.09 < 10	0.42	255					
530-DM-1308	201 229	1 < 0.2	1.22	8	40 < 0.5	< 2	0.17 < 0.5	8	45	12	2.86 < 10	< 1	0.11 < 10	0.44	185					
530-DM-1309	201 229	2 < 0.2	1.53	38	60 < 0.5	< 2	0.29 < 0.5	18	161	24	2.90 < 10	< 1	0.12 < 10	0.68	260					
530-DM-1310	201 229	1 < 0.2	0.87	2	40 < 0.5	< 2	0.16 < 0.5	4	32	4	2.12 < 10	< 1	0.05 < 10	0.24	130					
530-DM-1311	201 229	< 1 < 0.2	0.49 < 2	10 < 0.5	< 2	0.21 < 0.5	1	11	1	0.66 < 10	< 1	0.02 < 10	0.15	55						
530-DM-1312	201 229	< 1 < 0.2	1.49	2	100 < 0.5	< 2	0.36 < 0.5	8	38	10	1.88 < 10	< 1	0.24 < 10	0.59	395					
530-DM-1313	201 229	7 < 0.2	1.96	2	130	0.5	< 2	0.60 < 0.5	9	47	21	2.52 < 10	< 1	0.28 < 10	0.72	270				
530-DM-1314	201 229	2 < 0.2	1.89	2	120	0.5	< 2	0.42 < 0.5	10	45	14	2.29 < 10	< 1	0.33 < 10	0.63	395				
530-DM-1315	201 229	< 1 < 0.2	1.86 < 2	110 < 0.5	< 2	0.49 < 0.5	10	47	12	2.32 < 10	< 1	0.37 < 10	0.85	475						
530-DM-1316	201 229	6 < 0.2	1.27	4	120 < 0.5	< 2	0.26 < 0.5	8	31	6	1.90 < 10	< 1	0.11 < 10	0.42	350					
530-DM-1317	201 229	2 < 0.2	0.93	2	60 < 0.5	< 2	0.19 < 0.5	4	31	4	1.58 < 10	< 1	0.07 < 10	0.30	160					
530-DM-1318	201 229	6 < 0.2	1.22	12	30 < 0.5	< 2	0.25 < 0.5	7	42	11	2.16 < 10	< 1	0.07 < 10	0.46	200					
530-DM-1319	201 229	3 < 0.2	1.38	2	50 < 0.5	< 2	0.53 < 0.5	7	43	33	2.27 < 10	< 1	0.12 < 10	0.71	275					
530-DM-1320	201 229	5 < 0.2	0.64 < 2	30 < 0.5	< 2	0.41 < 0.5	3	27	4	1.12 < 10	< 1	0.13 < 10	0.30	135						
530-DM-1321	201 229	< 1 < 0.2	1.98	2	120 < 0.5	< 2	0.42 < 0.5	12	47	10	2.53 < 10	< 1	0.34 < 10	0.73	680					
530-DM-1322	201 229	< 1 < 0.2	1.45 < 2	70 < 0.5	< 2	0.40 < 0.5	7	38	9	1.81 < 10	< 1	0.22 < 10	0.69	250						
530-DM-1323	201 229	< 1 < 0.2	2.49	6	130	0.5	< 2	0.44 < 0.5	15	64	27	3.15 < 10	< 1	0.40 < 10	0.97	535				
530-DM-1324	201 229	< 1 < 0.2	2.09 < 2	100	0.5	< 2	0.32 < 0.5	11	50	15	2.59 < 10	< 1	0.35 < 10	0.82	430					

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

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PROJECT: FENNER DOCK CANAL LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 530  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Numt : -B  
 Total Pages : 2  
 Certificate Date: 13-AUG-95  
 Invoice No. : 19523756  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523756

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
530-CT-040	201	229	< 1	< 0.01	13	280	2	< 2	< 1	9	0.09	< 10	< 10	34	< 10	8
530-CT-041	201	229	< 1	< 0.01	5	1010	2	< 2	< 1	10	0.04	< 10	< 10	28	< 10	8
530-CT-042	201	229	< 1	< 0.01	4	290	2	< 2	< 1	8	0.04	< 10	< 10	16	< 10	8
530-CT-043	201	229	< 1	< 0.01	6	460	2	< 2	< 1	11	0.05	< 10	< 10	18	< 10	10
530-CT-185	201	229	1	0.01	26	260	8	< 2	4	22	0.04	< 10	< 10	36	< 10	48
530-CT-186	201	229	< 1	< 0.01	17	380	2	< 2	2	17	0.12	< 10	< 10	37	< 10	40
530-DM-1300	201	229	< 1	< 0.01	10	250	2	< 2	1	10	0.08	< 10	< 10	31	< 10	20
530-DM-1301	201	229	< 1	0.01	24	250	6	< 2	4	32	0.13	< 10	< 10	48	< 10	42
530-DM-1302	201	229	< 1	< 0.01	9	210	< 2	< 2	1	12	0.08	< 10	< 10	19	< 10	10
530-DM-1303	201	229	< 1	< 0.01	4	70	2	< 2	< 1	11	0.07	< 10	< 10	17	< 10	8
530-DM-1304	201	229	< 1	< 0.01	33	140	4	< 2	2	14	0.09	< 10	< 10	45	< 10	22
530-DM-1305	201	229	< 1	< 0.01	13	320	2	< 2	1	8	0.07	< 10	< 10	33	< 10	14
530-DM-1306	201	229	< 1	< 0.01	23	780	4	< 2	1	18	0.08	< 10	< 10	46	< 10	26
530-DM-1307	201	229	< 1	< 0.01	23	840	6	< 2	2	11	0.09	< 10	< 10	56	< 10	60
530-DM-1308	201	229	< 1	< 0.01	26	360	4	< 2	2	9	0.15	< 10	< 10	78	< 10	32
530-DM-1309	201	229	< 1	< 0.01	88	220	2	< 2	2	15	0.13	< 10	< 10	67	< 10	34
530-DM-1310	201	229	< 1	< 0.01	12	440	4	< 2	1	11	0.08	< 10	< 10	42	< 10	30
530-DM-1311	201	229	< 1	< 0.01	4	300	2	< 2	< 1	11	0.06	< 10	< 10	15	< 10	8
530-DM-1312	201	229	< 1	0.01	19	180	6	< 2	3	23	0.10	< 10	< 10	38	< 10	46
530-DM-1313	201	229	< 1	0.01	27	410	8	< 2	6	26	0.06	< 10	< 10	42	< 10	54
530-DM-1314	201	229	< 1	0.01	23	250	8	< 2	5	24	0.09	< 10	< 10	45	< 10	58
530-DM-1315	201	229	< 1	0.01	24	300	6	< 2	5	33	0.14	< 10	< 10	50	< 10	54
530-DM-1316	201	229	< 1	< 0.01	16	420	4	< 2	2	17	0.14	< 10	< 10	41	< 10	108
530-DM-1317	201	229	< 1	< 0.01	13	490	4	< 2	1	15	0.09	< 10	< 10	31	< 10	40
530-DM-1318	201	229	< 1	< 0.01	23	390	2	< 2	2	15	0.10	< 10	< 10	42	< 10	44
530-DM-1319	201	229	< 1	0.01	27	440	2	< 2	3	21	0.14	< 10	< 10	41	< 10	44
530-DM-1320	201	229	< 1	0.01	9	690	2	< 2	2	20	0.07	< 10	< 10	25	< 10	18
530-DM-1321	201	229	< 1	0.01	23	560	6	< 2	4	24	0.09	< 10	< 10	46	< 10	60
530-DM-1322	201	229	< 1	0.01	18	470	4	< 2	3	24	0.11	< 10	< 10	38	< 10	46
530-DM-1323	201	229	< 1	0.01	32	280	12	< 2	7	29	0.09	< 10	< 10	57	< 10	70
530-DM-1324	201	229	< 1	0.01	26	300	8	< 2	4	24	0.10	< 10	< 10	51	< 10	56

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project :

Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 1-A  
Total Pages : 3  
Certificate Date: 28-JUL-95  
Invoice No. : I9522402  
P.O. Number :  
Account : GKQ

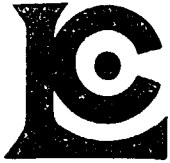
## CERTIFICATE OF ANALYSIS

### A9522402

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-422	201 229	10	< 0.2	3.29	14	90	1.0	< 2	0.29	< 0.5	12	58	51	3.91	10	< 1	0.06	10	0.57	360
531-DM-423	201 229	3	< 0.2	1.86	16	80	< 0.5	< 2	0.22	< 0.5	6	36	17	2.62	10	2	0.06	< 10	0.41	190
531-DM-424	201 229	< 1	< 0.2	1.20	< 2	30	< 0.5	< 2	0.43	< 0.5	4	29	11	1.32	< 10	< 1	0.05	10	0.50	170
531-DM-425	201 229	5	< 0.2	1.11	2	30	< 0.5	< 2	0.18	< 0.5	6	28	8	2.03	< 10	< 1	0.04	< 10	0.29	110
531-DM-427	201 229	7	< 0.2	0.86	< 2	20	0.5	< 2	0.32	< 0.5	4	25	6	1.14	< 10	< 1	0.11	10	0.40	130
531-DM-429	201 229	< 1	< 0.2	0.77	< 2	30	< 0.5	< 2	0.19	< 0.5	2	16	3	0.85	< 10	2	0.03	< 10	0.21	105
531-DM-431	201 229	< 1	< 0.2	1.30	6	40	0.5	< 2	0.42	< 0.5	6	35	11	1.66	< 10	< 1	0.15	10	0.56	190
531-DM-432	217 229	7	< 0.2	1.71	32	120	0.5	< 2	0.44	< 0.5	11	118	13	3.21	10	1	0.16	10	0.64	500
531-DM-433	201 229	< 1	< 0.2	1.63	< 2	70	0.5	< 2	0.49	< 0.5	8	39	10	1.79	< 10	1	0.16	10	0.64	265
531-DM-434	217 229	< 1	0.2	3.29	< 2	160	1.5	< 2	0.49	< 0.5	22	69	26	3.39	10	< 1	0.51	10	1.19	895
531-DM-435	201 229	< 1	< 0.2	1.55	2	60	0.5	< 2	0.31	< 0.5	4	33	12	1.65	< 10	1	0.18	10	0.53	175
531-DM-436	201 229	< 1	< 0.2	1.34	< 2	60	0.5	< 2	0.29	< 0.5	7	29	9	1.41	< 10	2	0.11	10	0.45	290
531-DM-438	217 229	2	< 0.2	2.65	2	120	1.0	< 2	0.39	< 0.5	12	59	21	2.85	10	2	0.35	10	0.81	395
531-DM-440	217 229	< 1	< 0.2	3.06	< 2	150	1.0	< 2	0.50	< 0.5	17	70	26	3.35	10	1	0.48	10	1.10	665
531-DM-441	201 229	1	< 0.2	0.96	< 2	40	0.5	< 2	0.32	< 0.5	6	32	9	1.62	< 10	< 1	0.16	< 10	0.46	190
531-DM-442	201 229	< 1	< 0.2	1.32	6	50	0.5	< 2	0.23	< 0.5	6	29	9	1.62	< 10	< 1	0.10	< 10	0.45	180
531-DM-443	201 229	< 1	0.2	1.03	2	60	0.5	< 2	0.22	< 0.5	4	25	10	1.31	< 10	< 1	0.12	< 10	0.35	275
531-DM-445	201 229	< 1	< 0.2	1.37	8	100	0.5	< 2	0.32	< 0.5	9	34	12	1.67	< 10	< 1	0.20	10	0.53	620
531-DM-447	217 229	4	< 0.2	2.36	2	100	0.5	< 2	0.31	< 0.5	7	61	23	2.70	10	< 1	0.29	10	0.74	215
531-DM-449	217 229	< 1	< 0.2	3.16	16	160	1.0	< 2	0.48	< 0.5	17	70	33	3.51	10	< 1	0.47	20	1.08	915
531-DM-451	217 229	< 1	< 0.2	3.25	2	160	1.5	< 2	0.43	< 0.5	20	69	27	3.39	10	< 1	0.47	20	1.10	890
531-DM-453	201 229	< 1	< 0.2	1.25	< 2	60	0.5	< 2	0.27	< 0.5	6	30	8	1.49	< 10	< 1	0.14	10	0.46	255
531-DM-455	201 229	< 1	< 0.2	1.33	< 2	70	0.5	< 2	0.25	< 0.5	3	25	7	1.57	< 10	< 1	0.17	10	0.36	105
531-DM-457	201 229	< 1	< 0.2	2.62	4	130	0.5	< 2	0.39	< 0.5	10	54	23	2.83	10	< 1	0.39	10	0.87	345
531-DM-459	201 229	< 1	< 0.2	1.58	2	60	0.5	< 2	0.42	< 0.5	5	38	15	1.84	< 10	< 1	0.13	20	0.55	175
531-DM-461	201 229	24	< 0.2	2.05	4	70	1.0	< 2	0.29	< 0.5	8	46	16	2.60	< 10	1	0.10	10	0.66	225
531-DM-462	201 229	18	< 0.2	2.35	72	80	0.5	< 2	0.33	< 0.5	10	47	28	2.47	< 10	< 1	0.06	10	0.58	220
531-DM-463	217 229	3	< 0.2	4.21	6	90	< 0.5	< 2	0.26	< 0.5	34	169	42	5.95	10	< 1	0.12	< 10	2.36	1230
531-DM-465	201 229	2	< 0.2	2.73	8	140	0.5	< 2	0.72	< 0.5	12	55	26	2.71	10	1	0.20	20	0.85	570
531-DM-466	217 229	< 1	< 0.2	2.74	12	160	0.5	< 2	0.67	< 0.5	13	59	18	3.00	10	< 1	0.44	10	0.90	610
531-DM-467	201 229	< 1	< 0.2	1.59	< 2	70	< 0.5	< 2	0.42	< 0.5	7	37	10	1.80	< 10	< 1	0.19	10	0.61	275
531-DM-468	201 229	1	< 0.2	1.19	2	40	< 0.5	< 2	0.42	< 0.5	4	30	7	1.60	< 10	< 1	0.09	10	0.41	145
531-DM-469	201 229	6	< 0.2	1.34	22	70	< 0.5	< 2	0.27	< 0.5	7	33	27	2.27	< 10	< 1	0.05	< 10	0.38	165
531-DM-470	201 229	5	< 0.2	1.51	4	70	< 0.5	< 2	0.27	< 0.5	7	34	19	2.00	< 10	< 1	0.05	< 10	0.36	155
531-DM-472	201 229	1	< 0.2	1.47	< 2	40	< 0.5	< 2	0.34	< 0.5	5	31	16	1.81	< 10	< 1	0.04	10	0.43	140
531-DM-473	217 229	1	< 0.2	1.52	14	50	< 0.5	2	0.28	< 0.5	7	127	12	2.46	< 10	< 1	0.18	< 10	0.65	265
531-DM-474	201 229	< 1	< 0.2	2.30	< 2	60	0.5	< 2	0.14	< 0.5	5	34	26	2.36	< 10	1	0.04	< 10	0.38	110
531-DM-476	201 229	8	< 0.2	2.04	8	70	< 0.5	< 2	0.34	< 0.5	7	41	18	2.26	< 10	< 1	0.09	< 10	0.67	210
531-DM-478	201 229	2	< 0.2	1.20	< 2	60	0.5	< 2	0.21	< 0.5	4	26	10	1.63	< 10	< 1	0.06	< 10	0.29	175
531-DM-480	201 229	1	< 0.2	1.30	14	70	< 0.5	< 2	0.28	< 0.5	6	35	8	1.89	< 10	< 1	0.09	10	0.45	415

CERTIFICATION:

*Stuart Buchler*



# Chemex Labs Ltd.

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TO: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Page Number : 1-B  
Total Pages : 3  
Certificate Date: 28-JUL-95  
Invoice No. : 19522402  
P.O. Number :  
Account : GKQ

Project :  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS

## A9522402

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-422	201 229	< 1	0.01	26	1360	8	< 2	4	14	0.09	< 10	< 10	75	< 10	156
531-DM-423	201 229	< 1	0.01	16	620	6	< 2	2	14	0.08	< 10	< 10	55	< 10	70
531-DM-424	201 229	< 1	0.02	11	380	4	< 2	3	22	0.11	< 10	< 10	32	< 10	28
531-DM-425	201 229	< 1	< 0.01	12	240	2	< 2	1	11	0.11	< 10	< 10	41	< 10	32
531-DM-427	201 229	< 1	0.01	12	590	< 2	< 2	2	16	0.09	< 10	< 10	26	< 10	24
531-DM-429	201 229	< 1	< 0.01	5	260	< 2	< 2	1	13	0.08	< 10	< 10	20	< 10	22
531-DM-431	201 229	< 1	0.02	15	390	2	< 2	3	27	0.12	< 10	< 10	38	< 10	34
531-DM-432	217 229	< 1	0.03	14	1190	4	< 2	6	27	0.09	< 10	< 10	75	< 10	114
531-DM-433	201 229	< 1	0.02	16	580	2	< 2	4	33	0.13	< 10	< 10	41	< 10	48
531-DM-434	217 229	< 1	0.03	34	360	12	< 2	8	38	0.14	< 10	< 10	71	< 10	72
531-DM-435	201 229	< 1	0.01	15	240	4	< 2	4	21	0.08	< 10	< 10	35	< 10	36
531-DM-436	201 229	< 1	0.01	14	170	2	< 2	3	23	0.09	< 10	< 10	33	< 10	34
531-DM-438	217 229	< 1	0.02	21	280	12	< 2	6	27	0.10	< 10	< 10	66	< 10	54
531-DM-440	217 229	< 1	0.02	31	220	14	< 2	8	32	0.13	< 10	< 10	71	< 10	70
531-DM-441	201 229	< 1	0.01	14	320	4	2	2	16	0.09	< 10	< 10	35	< 10	28
531-DM-442	201 229	< 1	0.01	13	170	4	< 2	2	16	0.08	< 10	< 10	35	< 10	34
531-DM-443	201 229	< 1	0.01	11	300	4	< 2	2	14	0.04	< 10	< 10	27	< 10	30
531-DM-445	201 229	< 1	0.01	16	400	10	2	3	22	0.09	< 10	< 10	36	< 10	56
531-DM-447	217 229	< 1	0.02	21	340	12	< 2	7	25	0.07	< 10	< 10	58	< 10	50
531-DM-449	217 229	< 1	0.02	31	320	14	< 2	9	35	0.11	< 10	< 10	75	< 10	92
531-DM-451	217 229	< 1	0.02	32	270	12	< 2	8	37	0.14	< 10	< 10	76	< 10	74
531-DM-453	201 229	< 1	0.01	13	210	6	< 2	3	20	0.09	< 10	< 10	35	< 10	38
531-DM-455	201 229	< 1	0.01	11	320	4	< 2	3	18	0.07	< 10	< 10	31	< 10	26
531-DM-457	201 229	< 1	0.01	24	200	10	2	7	26	0.10	< 10	< 10	59	< 10	62
531-DM-459	201 229	< 1	0.02	14	410	4	< 2	4	29	0.13	< 10	< 10	43	< 10	32
531-DM-461	201 229	< 1	0.01	20	500	8	< 2	3	17	0.12	< 10	< 10	57	< 10	52
531-DM-462	201 229	< 1	0.01	24	230	2	< 2	4	16	0.09	< 10	< 10	63	< 10	46
531-DM-463	217 229	< 1	0.01	68	340	8	< 2	21	10	0.08	< 10	< 10	182	10	98
531-DM-465	201 229	< 1	0.02	27	240	8	< 2	8	28	0.12	< 10	< 10	59	< 10	58
531-DM-466	217 229	< 1	0.02	26	270	8	< 2	7	38	0.07	< 10	< 10	59	< 10	62
531-DM-467	201 229	< 1	0.02	17	310	2	< 2	3	27	0.12	< 10	< 10	40	< 10	50
531-DM-468	201 229	< 1	0.01	12	1170	4	< 2	2	23	0.10	< 10	< 10	32	< 10	42
531-DM-469	201 229	< 1	< 0.01	14	1760	2	< 2	2	15	0.08	< 10	< 10	41	< 10	48
531-DM-470	201 229	< 1	0.01	17	950	2	< 2	2	15	0.10	< 10	< 10	40	< 10	38
531-DM-472	201 229	< 1	0.01	13	190	4	< 2	2	22	0.14	< 10	< 10	43	< 10	26
531-DM-473	217 229	< 1	0.03	20	530	6	2	3	23	0.13	< 10	< 10	54	< 10	44
531-DM-474	201 229	< 1	0.01	13	330	4	< 2	2	12	0.10	< 10	< 10	52	< 10	46
531-DM-476	201 229	1	0.01	18	380	4	< 2	4	26	0.13	< 10	< 10	52	< 10	42
531-DM-478	201 229	< 1	< 0.01	10	450	< 2	< 2	2	17	0.11	< 10	< 10	36	< 10	28
531-DM-480	201 229	< 1	0.01	13	1100	2	2	2	18	0.09	< 10	< 10	37	< 10	40

CERTIFICATION:

*[Handwritten Signature]*



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Analytical Chemists \* Geochemists \* Registered Assayers

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Project :

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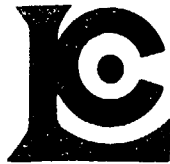
## CERTIFICATE OF ANALYSIS

### A9522402

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-482	201 229	4 < 0.2	0.89	< 2	30 < 0.5	< 2	0.23 < 0.5	4	21	8	1.07	< 10	< 1	0.04	< 10	0.29	110			
531-DM-483	201 229	5 < 0.2	0.96	6	30 < 0.5	< 2	0.30 < 0.5	3	27	13	1.79	< 10	1	0.03	10	0.30	100			
531-DM-519	217 229	3 < 0.2	0.48	< 2	10 < 0.5	< 2	0.29 < 0.5	2	81	6	0.84	< 10	< 1	0.06	10	0.30	110			
531-DM-521	201 229	25 < 0.2	0.88	2	40 < 0.5	< 2	0.41 < 0.5	10	29	51	2.26	< 10	< 1	0.05	10	0.34	705			
531-DM-523	201 229	< 1 < 0.2	0.49	6	20 < 0.5	< 2	0.23 < 0.5	2	22	6	1.16	< 10	< 1	0.03	< 10	0.17	70			
531-DM-525	201 229	< 1 < 0.2	0.55	2	30 < 0.5	< 2	0.13 < 0.5	1	12	3	0.70	< 10	1	0.02	< 10	0.11	50			
531-DM-526	201 229	2 < 0.2	1.04	12	40 < 0.5	< 2	0.17 < 0.5	4	27	10	1.83	< 10	< 1	0.06	< 10	0.25	145			
531-DM-528	201 229	< 1 < 0.2	0.74	4	30 < 0.5	< 2	0.16 < 0.5	3	24	4	1.37	< 10	< 1	0.04	< 10	0.15	60			
531-DM-530	201 229	2 < 0.2	0.72	< 2	40 < 0.5	< 2	0.35 < 0.5	4	23	9	1.10	< 10	< 1	0.04	10	0.21	220			
531-DM-532	201 229	24 < 0.2	1.19	4	40 < 0.5	< 2	0.40 < 0.5	6	36	8	1.65	< 10	1	0.19	10	0.58	195			
531-DM-534	217 229	< 1 < 0.2	2.57	< 2	130 < 0.5	< 2	0.38 < 0.5	17	69	19	2.78	10	< 1	0.35	10	0.88	560			
531-DM-535	201 229	9 < 0.2	2.11	< 2	100 < 0.5	< 2	0.28 < 0.5	13	46	14	2.36	< 10	< 1	0.18	10	0.74	510			
531-DM-536	201 229	5 < 0.2	0.91	< 2	20 < 0.5	< 2	0.19 < 0.5	4	24	8	1.46	< 10	1	0.04	< 10	0.24	105			
531-DM-537	201 229	10 < 0.2	0.59	< 2	20 < 0.5	< 2	0.20 < 0.5	2	15	6	0.89	< 10	1	0.03	< 10	0.20	65			
531-DM-538	201 229	5 < 0.2	0.41	2	10 < 0.5	< 2	0.13 < 0.5	2	11	3	0.66	< 10	< 1	0.01	< 10	0.11	55			
531-DM-539	201 229	< 1 < 0.2	0.69	4	20 < 0.5	< 2	0.28 < 0.5	4	21	6	1.15	< 10	1	0.04	< 10	0.25	150			
531-DM-540	201 229	3 < 0.2	0.53	< 2	20 < 0.5	< 2	0.23 < 0.5	3	15	15	0.77	< 10	< 1	0.02	10	0.20	65			
531-DM-543	201 229	< 1 < 0.2	1.28	< 2	50 < 0.5	< 2	0.21 < 0.5	5	27	10	1.98	< 10	< 1	0.03	< 10	0.22	85			
531-DM-545	201 229	4 < 0.2	1.64	2	40 < 0.5	< 2	0.26 < 0.5	7	37	12	1.93	< 10	1	0.08	< 10	0.63	205			
531-DM-547	201 229	4 < 0.2	0.83	4	20 < 0.5	< 2	0.14 < 0.5	3	20	7	0.99	< 10	< 1	0.02	< 10	0.23	75			
531-DM-549	201 229	4 < 0.2	1.42	2	50 < 0.5	< 2	0.41 < 0.5	9	31	16	2.04	< 10	< 1	0.04	10	0.56	245			
531-DM-551	201 229	2 < 0.2	0.99	< 2	30 < 0.5	< 2	0.37 < 0.5	5	27	24	1.45	< 10	1	0.03	10	0.35	145			
531-DM-552	201 229	< 1 < 0.2	0.94	2	30 < 0.5	< 2	0.24 < 0.5	2	21	13	1.16	< 10	< 1	0.02	< 10	0.25	90			
531-DM-553	201 229	1 < 0.2	1.09	< 2	30 < 0.5	< 2	0.34 < 0.5	4	26	12	1.25	< 10	< 1	0.03	< 10	0.40	155			
531-DM-554	201 229	< 1 < 0.2	1.16	4	40 < 0.5	< 2	0.15 < 0.5	4	25	14	1.44	< 10	< 1	0.04	10	0.29	90			
531-DM-555	217 229	< 1 < 0.2	1.35	6	40 < 0.5	< 2	0.17 < 0.5	4	73	9	1.57	< 10	1	0.07	< 10	0.30	140			
531-DM-556	217 229	< 1 < 0.2	0.86	2	30 < 0.5	< 2	0.17 < 0.5	4	82	7	1.34	< 10	< 1	0.07	< 10	0.28	120			
531-DM-557	201 229	36 < 0.2	1.45	10	30 < 0.5	< 2	0.19 < 0.5	6	34	21	2.22	< 10	< 1	0.03	< 10	0.46	150			
531-DM-558	201 229	1 < 0.2	0.70	< 2	20 < 0.5	< 2	0.14 < 0.5	2	14	4	0.75	< 10	< 1	0.03	< 10	0.18	70			
531-DM-559	201 229	3 < 0.2	1.07	< 2	40 < 0.5	< 2	0.17 < 0.5	4	26	6	1.52	< 10	2	0.08	< 10	0.43	220			
531-DM-561	201 229	56 < 0.2	2.15	< 2	140 < 0.5	< 2	0.56 < 0.5	9	45	26	2.26	10	< 1	0.21	20	0.69	600			
531-DM-562	201 229	27 < 0.2	3.38	8	130 < 0.5	< 2	0.22 < 0.5	10	38	33	3.01	10	< 1	0.09	10	0.45	145			
531-DM-563	201 229	3 < 0.2	1.74	8	60 < 0.5	< 2	0.20 < 0.5	6	36	19	1.95	< 10	< 1	0.09	10	0.52	160			
531-DM-564B	201 229	4 < 0.2	1.40	6	70 < 0.5	< 2	0.18 < 0.5	8	33	28	2.05	< 10	< 1	0.04	< 10	0.32	115			
531-DM-565	201 229	2 < 0.2	1.58	8	40 < 0.5	< 2	0.17 < 0.5	6	28	12	2.08	< 10	< 1	0.06	< 10	0.35	115			
531-DM-566	201 229	< 1 < 0.2	0.80	4	30 < 0.5	< 2	0.12 < 0.5	2	14	8	1.22	< 10	< 1	0.03	< 10	0.15	75			
531-DM-567	201 229	2 < 0.2	1.31	12	40 < 0.5	< 2	0.16 < 0.5	4	24	8	1.60	< 10	< 1	0.03	< 10	0.28	100			
531-DM-569	201 229	6 < 0.2	1.75	< 2	50 < 0.5	< 2	0.26 < 0.5	7	29	25	2.01	< 10	< 1	0.03	< 10	0.55	160			
531-DM-571	201 229	< 1 < 0.2	1.24	< 2	40 < 0.5	< 2	0.45 < 0.5	6	33	10	1.60	< 10	< 1	0.10	< 10	0.50	180			
531-DM-572	201 229	< 1 < 0.2	0.51	4	20 < 0.5	< 2	0.16 < 0.5	2	17	4	0.92	< 10	< 1	0.06	< 10	0.16	80			

CERTIFICATION:

*Stuart Deveau*



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<b>CERTIFICATE OF ANALYSIS</b>	<b>A9522402</b>
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SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-DM-482	201	229	< 1	0.01	8	200	4	< 2	1	13	0.09	< 10	< 10	26	< 10	28
531-DM-483	201	229	1	0.01	12	480	2	< 2	1	15	0.10	< 10	< 10	51	< 10	24
531-DM-519	217	229	< 1	0.03	13	230	< 2	2	1	16	0.07	< 10	< 10	16	< 10	14
531-DM-521	201	229	< 1	0.01	11	580	2	< 2	3	14	0.07	< 10	< 10	33	< 10	34
531-DM-523	201	229	< 1	< 0.01	8	360	< 2	< 2	1	10	0.07	< 10	< 10	25	< 10	12
531-DM-525	201	229	< 1	< 0.01	3	240	2	< 2	1	8	0.05	< 10	< 10	17	< 10	16
531-DM-526	201	229	< 1	< 0.01	11	690	6	< 2	1	11	0.05	< 10	< 10	34	< 10	38
531-DM-528	201	229	< 1	< 0.01	10	670	< 2	< 2	1	8	0.06	< 10	< 10	25	< 10	18
531-DM-530	201	229	< 1	0.01	8	530	< 2	< 2	1	14	0.06	< 10	< 10	21	< 10	16
531-DM-532	201	229	< 1	0.02	13	270	2	< 2	3	27	0.14	< 10	< 10	39	< 10	34
531-DM-534	217	229	< 1	0.02	25	270	4	< 2	6	32	0.12	< 10	< 10	62	< 10	54
531-DM-535	201	229	< 1	0.02	21	180	10	< 2	4	26	0.12	< 10	< 10	53	< 10	52
531-DM-536	201	229	< 1	< 0.01	9	130	6	< 2	1	11	0.10	< 10	< 10	33	< 10	26
531-DM-537	201	229	< 1	< 0.01	7	260	< 2	< 2	1	8	0.07	< 10	< 10	20	< 10	14
531-DM-538	201	229	< 1	< 0.01	3	130	< 2	< 2	< 1	4	0.04	< 10	< 10	14	< 10	8
531-DM-539	201	229	< 1	0.01	8	280	< 2	< 2	1	10	0.07	< 10	< 10	26	< 10	18
531-DM-540	201	229	< 1	< 0.01	7	410	4	< 2	1	8	0.05	< 10	< 10	18	< 10	14
531-DM-543	201	229	< 1	< 0.01	12	600	6	< 2	1	13	0.08	< 10	< 10	37	< 10	26
531-DM-545	201	229	< 1	0.01	16	170	6	< 2	3	18	0.11	< 10	< 10	45	< 10	40
531-DM-547	201	229	< 1	< 0.01	9	110	6	< 2	1	9	0.09	< 10	< 10	26	< 10	26
531-DM-549	201	229	< 1	0.01	16	280	2	< 2	3	13	0.13	< 10	< 10	41	< 10	48
531-DM-551	201	229	< 1	0.01	12	430	2	< 2	2	13	0.09	< 10	< 10	31	< 10	36
531-DM-552	201	229	< 1	0.01	12	420	2	< 2	1	11	0.08	< 10	< 10	26	< 10	24
531-DM-553	201	229	< 1	0.01	11	270	4	< 2	2	16	0.09	< 10	< 10	30	< 10	32
531-DM-554	201	229	< 1	0.01	9	120	6	< 2	2	13	0.08	< 10	< 10	32	< 10	20
531-DM-555	217	229	< 1	0.02	12	180	4	< 2	2	16	0.08	< 10	< 10	32	< 10	20
531-DM-556	217	229	< 1	0.02	11	250	2	< 2	1	14	0.06	< 10	< 10	27	< 10	20
531-DM-557	201	229	< 1	0.01	16	590	4	< 2	2	11	0.10	< 10	< 10	46	< 10	30
531-DM-558	201	229	< 1	< 0.01	6	170	< 2	< 2	1	9	0.06	< 10	< 10	19	< 10	22
531-DM-559	201	229	< 1	< 0.01	11	250	4	< 2	2	10	0.10	< 10	< 10	33	< 10	34
531-DM-561	201	229	< 1	0.01	23	260	4	< 2	6	26	0.09	< 10	< 10	48	< 10	54
531-DM-562	201	229	< 1	0.01	17	380	8	< 2	4	13	0.06	< 10	< 10	63	< 10	94
531-DM-563	201	229	< 1	0.01	16	340	< 2	< 2	3	16	0.09	< 10	< 10	43	< 10	32
531-DM-564B	201	229	< 1	< 0.01	22	430	2	< 2	2	12	0.10	< 10	< 10	39	< 10	22
531-DM-565	201	229	1	< 0.01	15	270	2	< 2	2	12	0.11	< 10	< 10	44	< 10	26
531-DM-566	201	229	< 1	< 0.01	4	180	2	< 2	1	9	0.04	< 10	< 10	39	< 10	20
531-DM-567	201	229	< 1	0.01	11	240	4	< 2	1	12	0.10	< 10	< 10	34	< 10	26
531-DM-569	201	229	< 1	0.01	17	250	4	< 2	3	14	0.12	< 10	< 10	46	< 10	32
531-DM-571	201	229	< 1	0.02	12	130	4	< 2	3	22	0.12	< 10	< 10	37	< 10	26
531-DM-572	201	229	< 1	< 0.01	5	230	4	< 2	1	11	0.08	< 10	< 10	21	< 10	16

CERTIFICATION:

*Stuart Deveau*



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Project :

Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

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## CERTIFICATE OF ANALYSIS

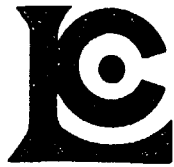
### A9522402

SAMPLE	PREP CODE		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	NAA	ppb	ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-DM-573	201	229	10	< 0.2	1.10	< 2	20	< 0.5	< 2	0.18	< 0.5	6	34	8	2.01	< 10	< 1	0.05	< 10	0.29	110
531-DM-574	201	229	< 1	< 0.2	0.99	2	40	< 0.5	< 2	0.17	< 0.5	4	27	5	1.52	< 10	1	0.04	< 10	0.20	85
531-DM-576	217	229	< 1	1.2	3.23	4	360	0.5	< 2	0.53	< 0.5	36	65	26	4.07	10	< 1	0.50	20	0.83	5690
531-DM-578	201	229	< 1	< 0.2	1.24	6	60	< 0.5	< 2	0.29	< 0.5	5	29	11	1.53	< 10	1	0.14	10	0.45	240
531-DM-579	201	229	1	0.2	2.05	22	130	< 0.5	< 2	0.30	< 0.5	13	29	20	2.88	< 10	1	0.06	10	0.40	1295
531-DM-580	201	229	3	< 0.2	1.24	2	30	< 0.5	< 2	0.30	< 0.5	6	38	10	1.77	< 10	< 1	0.06	< 10	0.55	180
531-DM-582	217	229	1	< 0.2	0.95	4	40	< 0.5	< 2	0.23	< 0.5	7	111	6	1.75	< 10	< 1	0.12	< 10	0.61	265
531-DM-583	201	229	2	< 0.2	0.80	< 2	20	< 0.5	< 2	0.35	< 0.5	3	30	15	1.31	< 10	< 1	0.04	10	0.30	100
531-DM-584	201	229	2	< 0.2	1.67	< 2	90	< 0.5	< 2	0.59	< 0.5	7	40	22	2.01	< 10	< 1	0.11	20	0.58	205
531-DM-585	201	229	3	< 0.2	1.33	< 2	40	< 0.5	< 2	0.40	< 0.5	8	39	26	2.13	< 10	< 1	0.07	10	0.53	185
531-DM-586	201	229	7	< 0.2	2.82	12	100	< 0.5	< 2	0.33	< 0.5	11	45	24	3.05	10	< 1	0.12	10	0.74	300
531-DM-587	201	229	< 1	< 0.2	2.51	8	140	0.5	< 2	0.38	< 0.5	10	48	20	2.52	10	1	0.22	10	0.74	500
531-DM-588	201	229	< 1	< 0.2	1.56	< 2	60	< 0.5	< 2	0.39	< 0.5	6	40	14	1.83	< 10	1	0.17	10	0.61	180
531-DM-592	201	229	1	< 0.2	1.22	8	40	< 0.5	< 2	0.30	< 0.5	5	37	13	1.80	< 10	< 1	0.09	10	0.34	125
531-DM-594	217	229	< 1	< 0.2	3.20	6	160	< 0.5	< 2	0.48	< 0.5	17	80	28	3.27	10	< 1	0.50	20	1.17	595
531-DM-596	201	229	< 1	< 0.2	0.75	< 2	40	< 0.5	< 2	0.29	< 0.5	3	21	6	1.07	< 10	< 1	0.08	10	0.29	155
531-DM-597	201	229	2	< 0.2	1.27	< 2	60	< 0.5	< 2	0.37	< 0.5	6	39	10	1.84	< 10	1	0.24	10	0.57	255
531-DM-599	201	229	4	< 0.2	1.28	< 2	50	< 0.5	< 2	0.21	< 0.5	7	34	10	1.76	< 10	< 1	0.19	< 10	0.51	215
531-DM-601	201	229	< 1	< 0.2	0.95	2	30	< 0.5	< 2	0.18	< 0.5	3	25	6	1.38	< 10	< 1	0.12	< 10	0.38	140
531-DM-603	201	229	1	< 0.2	0.59	< 2	10	< 0.5	< 2	0.14	< 0.5	2	21	3	1.16	< 10	< 1	0.03	< 10	0.18	60
531-DM-605	201	229	2	< 0.2	1.38	< 2	30	< 0.5	< 2	0.18	< 0.5	4	23	4	1.44	< 10	1	0.03	< 10	0.15	75
531-DM-607	201	229	3	< 0.2	1.25	4	40	< 0.5	2	0.23	< 0.5	7	34	8	1.98	< 10	< 1	0.08	< 10	0.30	130
531-DM-609	201	229	5	< 0.2	0.83	< 2	20	< 0.5	< 2	0.27	< 0.5	4	27	10	1.46	< 10	1	0.04	< 10	0.22	105
531-DM-610	201	229	4	< 0.2	0.65	< 2	10	< 0.5	< 2	0.29	< 0.5	3	23	9	0.99	< 10	1	0.04	< 10	0.24	110
531-DM-611	201	229	1	< 0.2	1.09	4	20	< 0.5	< 2	0.27	< 0.5	4	31	7	1.49	< 10	1	0.06	< 10	0.36	120
531-DM-612	201	229	9	< 0.2	0.70	4	20	< 0.5	< 2	0.16	< 0.5	2	15	6	0.94	< 10	< 1	0.03	< 10	0.24	65
531-DM-614	201	229	< 1	< 0.2	0.85	< 2	30	< 0.5	< 2	0.30	< 0.5	3	25	6	1.27	< 10	< 1	0.10	10	0.32	145
531-DM-616	201	229	1	< 0.2	0.79	2	30	< 0.5	< 2	0.29	< 0.5	4	22	7	0.97	< 10	1	0.07	10	0.30	160
531-DM-620	201	229	5	< 0.2	1.21	< 2	30	< 0.5	< 2	0.37	< 0.5	5	26	12	1.22	< 10	< 1	0.04	10	0.40	200
531-DM-622	201	229	< 1	< 0.2	1.91	< 2	90	< 0.5	< 2	0.49	< 0.5	6	38	16	1.99	< 10	< 1	0.17	10	0.55	240
531-DM-624	201	229	< 1	< 0.2	0.79	< 2	20	< 0.5	< 2	0.21	< 0.5	2	16	7	0.75	< 10	< 1	0.03	< 10	0.24	95
531-DM-625	201	229	5	< 0.2	1.27	4	30	< 0.5	< 2	0.20	< 0.5	5	25	10	1.40	< 10	< 1	0.04	< 10	0.42	140
531-DM-626	201	229	< 1	< 0.2	1.11	< 2	30	< 0.5	< 2	0.29	< 0.5	5	29	9	1.31	< 10	< 1	0.04	10	0.47	175
531-DM-627	201	229	< 1	< 0.2	1.98	4	90	< 0.5	< 2	0.34	< 0.5	11	45	15	2.20	< 10	< 1	0.22	10	0.73	410

CERTIFICATION:

*[Handwritten signature]*





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## CERTIFICATE OF ANALYSIS A9522402

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-573	201 229	< 1	< 0.01	13	960	2	< 2	1	10	0.07	< 10	< 10	36	< 10	36
531-DM-574	201 229	< 1	< 0.01	10	1220	6	< 2	1	9	0.05	< 10	< 10	26	< 10	24
531-DM-576	217 229	< 1	0.01	42	910	14	4	7	30	0.08	< 10	< 10	71	10	80
531-DM-578	201 229	< 1	0.01	14	340	4	< 2	3	16	0.06	< 10	< 10	34	< 10	36
531-DM-579	201 229	< 1	< 0.01	18	1100	4	< 2	3	14	0.03	< 10	< 10	53	< 10	72
531-DM-580	201 229	< 1	0.01	20	360	4	< 2	3	19	0.12	< 10	< 10	40	< 10	34
531-DM-582	217 229	< 1	0.03	31	260	< 2	< 2	2	16	0.09	< 10	< 10	34	< 10	30
531-DM-583	201 229	< 1	0.01	14	490	< 2	< 2	2	18	0.10	< 10	< 10	28	< 10	16
531-DM-584	201 229	< 1	0.02	18	240	6	< 2	4	21	0.13	< 10	< 10	41	< 10	34
531-DM-585	201 229	< 1	0.01	22	380	< 2	2	3	14	0.13	< 10	< 10	45	< 10	32
531-DM-586	201 229	< 1	0.01	26	1110	10	< 2	4	19	0.11	< 10	< 10	57	< 10	118
531-DM-587	201 229	< 1	0.01	23	740	6	< 2	5	29	0.11	< 10	< 10	53	< 10	86
531-DM-588	201 229	< 1	0.02	16	430	2	< 2	4	28	0.12	< 10	< 10	42	< 10	36
531-DM-592	201 229	< 1	0.01	17	860	2	< 2	2	16	0.09	< 10	< 10	37	< 10	36
531-DM-594	217 229	< 1	0.02	31	390	14	< 2	8	38	0.13	< 10	< 10	72	< 10	72
531-DM-596	201 229	< 1	0.01	9	420	2	< 2	2	14	0.07	< 10	< 10	24	< 10	22
531-DM-597	201 229	< 1	0.01	18	400	2	< 2	3	18	0.09	< 10	< 10	40	< 10	36
531-DM-599	201 229	< 1	0.01	15	190	6	< 2	3	15	0.08	< 10	< 10	37	< 10	34
531-DM-601	201 229	< 1	0.01	10	150	4	< 2	2	13	0.06	< 10	< 10	29	< 10	26
531-DM-603	201 229	< 1	< 0.01	7	280	< 2	< 2	1	8	0.06	< 10	< 10	24	< 10	14
531-DM-605	201 229	< 1	< 0.01	9	1100	4	< 2	1	10	0.07	< 10	< 10	28	< 10	12
531-DM-607	201 229	< 1	< 0.01	12	940	2	2	2	15	0.08	< 10	< 10	39	< 10	30
531-DM-609	201 229	< 1	0.01	13	950	2	< 2	1	13	0.06	< 10	< 10	28	< 10	16
531-DM-610	201 229	< 1	0.01	8	520	2	< 2	2	13	0.08	< 10	< 10	21	< 10	14
531-DM-611	201 229	< 1	0.01	13	620	2	< 2	2	13	0.08	< 10	< 10	33	< 10	22
531-DM-612	201 229	< 1	< 0.01	8	270	< 2	< 2	1	12	0.07	< 10	< 10	22	< 10	24
531-DM-614	201 229	< 1	0.01	10	400	4	< 2	2	19	0.08	< 10	< 10	30	< 10	24
531-DM-616	201 229	< 1	0.01	10	320	< 2	< 2	2	16	0.09	< 10	< 10	24	< 10	24
531-DM-620	201 229	< 1	0.01	11	410	2	< 2	2	21	0.11	< 10	< 10	30	< 10	36
531-DM-622	201 229	< 1	0.01	18	470	4	< 2	4	25	0.08	< 10	< 10	45	< 10	40
531-DM-624	201 229	< 1	0.01	6	270	< 2	< 2	1	14	0.07	< 10	< 10	20	< 10	18
531-DM-625	201 229	< 1	< 0.01	14	360	2	< 2	2	10	0.10	< 10	< 10	31	< 10	30
531-DM-626	201 229	< 1	0.01	13	200	4	< 2	2	18	0.11	< 10	< 10	31	< 10	32
531-DM-627	201 229	< 1	0.01	21	280	4	< 2	4	24	0.12	< 10	< 10	47	< 10	52

CERTIFICATION: Stuart Deveau



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 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9522403

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-629	201 229	< 1	< 0.2	0.99	< 2	30	< 0.5	2	0.34	< 0.5	3	25	8	1.19	< 10	< 1	0.09	< 10	0.34	105
531-DM-630	201 229	1	< 0.2	0.82	2	20	< 0.5	< 2	0.24	< 0.5	3	29	6	1.45	< 10	< 1	0.06	< 10	0.33	120
531-DM-632	201 229	6	< 0.2	0.63	2	30	< 0.5	< 2	0.34	< 0.5	3	24	12	1.26	< 10	< 1	0.04	10	0.20	85
531-DM-633	201 229	1	< 0.2	1.49	< 2	80	< 0.5	< 2	0.32	0.5	6	38	18	1.82	< 10	< 1	0.17	20	0.54	210
531-DM-635	201 229	< 1	< 0.2	0.66	< 2	20	< 0.5	< 2	0.22	< 0.5	2	19	2	0.91	< 10	< 1	0.04	< 10	0.22	95
531-DM-637	201 229	< 1	< 0.2	1.16	2	30	< 0.5	< 2	0.39	< 0.5	5	31	5	1.54	< 10	< 1	0.11	10	0.46	175
531-DM-639	201 229	< 1	< 0.2	1.15	2	40	< 0.5	< 2	0.42	< 0.5	6	32	10	1.52	< 10	< 1	0.15	10	0.45	160
531-DM-640	201 229	1	< 0.2	1.68	14	30	< 0.5	< 2	0.18	< 0.5	5	33	11	2.55	< 10	< 1	0.06	< 10	0.33	130
531-DM-641	201 229	< 1	< 0.2	1.02	< 2	30	< 0.5	< 2	0.30	< 0.5	3	28	3	1.28	< 10	< 1	0.06	< 10	0.35	130
531-DM-643	201 229	< 1	< 0.2	0.83	< 2	30	< 0.5	< 2	0.18	< 0.5	3	21	4	1.03	< 10	< 1	0.04	< 10	0.24	100
531-DM-645	201 229	< 1	< 0.2	1.66	< 2	40	< 0.5	< 2	0.24	< 0.5	6	34	12	1.79	< 10	< 1	0.06	10	0.48	160
531-DM-647	201 229	< 1	< 0.2	0.73	< 2	20	< 0.5	< 2	0.28	< 0.5	3	28	10	1.28	< 10	< 1	0.03	10	0.22	85
531-DM-649	217 229	1	< 0.2	1.94	2	100	< 0.5	< 2	0.41	< 0.5	12	47	16	2.31	< 10	< 1	0.22	10	0.66	465
531-DM-650	201 229	3	< 0.2	0.77	6	10	< 0.5	< 2	0.10	< 0.5	2	25	8	1.35	< 10	< 1	0.02	< 10	0.18	70
531-DM-651	201 229	12	< 0.2	1.01	< 2	30	< 0.5	< 2	0.28	< 0.5	4	29	8	1.34	< 10	< 1	0.06	10	0.40	105
531-DM-653	201 229	5	< 0.2	0.84	2	20	< 0.5	2	0.20	< 0.5	3	21	9	1.05	< 10	< 1	0.03	10	0.18	75
531-DM-655	201 229	2	< 0.2	0.90	8	30	< 0.5	< 2	0.35	0.5	4	28	11	1.40	< 10	< 1	0.05	10	0.35	115
531-DM-657	217 229	< 1	< 0.2	2.26	6	160	0.5	< 2	0.48	< 0.5	14	50	27	2.35	< 10	< 1	0.18	20	0.53	930
531-DM-659	217 229	< 1	< 0.2	2.56	< 2	170	0.5	2	0.43	< 0.5	11	59	26	2.76	< 10	< 1	0.18	20	0.53	625
531-DM-661	217 229	3	< 0.2	1.71	6	130	< 0.5	< 2	0.44	< 0.5	12	46	15	1.97	< 10	< 1	0.15	20	0.41	1090
531-DM-663	201 229	< 1	< 0.2	1.14	4	40	< 0.5	< 2	0.23	< 0.5	7	26	8	1.71	< 10	< 1	0.08	< 10	0.39	270
531-DM-664	201 229	< 1	< 0.2	1.18	< 2	30	< 0.5	< 2	0.20	< 0.5	4	26	6	1.25	< 10	< 1	0.07	10	0.34	130
531-DM-665	201 229	10	< 0.2	1.58	12	70	< 0.5	< 2	0.22	< 0.5	8	49	16	2.44	< 10	< 1	0.07	10	0.50	185
531-DM-666	201 229	9	< 0.2	1.15	10	60	< 0.5	< 2	0.21	< 0.5	4	37	8	2.06	< 10	< 1	0.06	< 10	0.32	170
531-DM-667	201 229	2	< 0.2	2.03	6	30	< 0.5	2	0.27	< 0.5	11	51	10	2.94	10	< 1	0.04	< 10	1.15	220
531-DM-669	201 229	33	< 0.2	1.53	2	50	< 0.5	< 2	0.14	< 0.5	3	23	16	1.24	< 10	< 1	0.03	< 10	0.25	70
531-DM-670	201 229	5	< 0.2	1.25	6	30	< 0.5	< 2	0.15	< 0.5	4	31	16	1.96	< 10	< 1	0.02	< 10	0.39	110
531-DM-671	201 229	8	< 0.2	1.58	8	60	< 0.5	< 2	0.26	< 0.5	5	40	9	2.82	< 10	< 1	0.05	< 10	0.35	165
531-DM-672	201 229	1	< 0.2	0.76	4	30	< 0.5	< 2	0.14	< 0.5	2	26	2	1.70	< 10	< 1	0.02	< 10	0.12	145
531-DM-676	201 229	< 1	< 0.2	0.61	< 2	20	< 0.5	< 2	0.23	< 0.5	2	23	2	1.21	< 10	< 1	0.03	10	0.14	165
531-DM-677	201 229	< 1	< 0.2	1.03	< 2	40	< 0.5	< 2	0.22	< 0.5	3	20	13	0.84	< 10	< 1	0.04	< 10	0.22	105
531-DM-679	201 229	< 1	< 0.2	1.83	< 2	90	< 0.5	< 2	0.25	< 0.5	9	34	14	1.84	< 10	< 1	0.09	10	0.37	575
531-DM-681	201 229	< 1	< 0.2	0.65	< 2	40	< 0.5	< 2	0.31	< 0.5	4	20	3	0.87	< 10	< 1	0.07	< 10	0.23	220
531-DM-683	201 229	< 1	< 0.2	1.36	4	60	< 0.5	2	0.40	< 0.5	7	34	12	1.64	< 10	< 1	0.10	10	0.51	330
531-DM-685	201 229	4	< 0.2	1.41	4	30	< 0.5	< 2	0.24	< 0.5	4	32	7	1.73	< 10	< 1	0.04	< 10	0.33	125
531-DM-687	201 229	2	< 0.2	0.68	< 2	30	< 0.5	< 2	0.19	< 0.5	1	16	2	0.85	< 10	< 1	0.02	< 10	0.10	65
531-DM-689	201 229	2	< 0.2	1.71	< 2	60	< 0.5	< 2	0.18	< 0.5	6	35	9	2.53	< 10	< 1	0.04	< 10	0.38	195
531-DM-691	201 229	< 1	< 0.2	0.89	14	40	< 0.5	< 2	0.18	< 0.5	4	46	7	1.66	< 10	< 1	0.03	< 10	0.41	135
531-DM-692	201 229	3	< 0.2	1.12	10	30	< 0.5	< 2	0.13	< 0.5	4	26	17	1.98	< 10	< 1	0.03	< 10	0.28	115
531-DM-693	201 229	< 1	< 0.2	2.03	6	110	< 0.5	< 2	0.58	< 0.5	10	47	16	2.55	< 10	< 1	0.30	10	0.74	655

CERTIFICATION: 



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 Ontario, Canada L4W 2S3  
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TO: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
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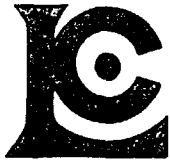
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 Invoice No. : I9522403  
 P.O. Number :  
 Account : GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9522403

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-629	201 229	< 1	< 0.01	10	490	2	< 2	2	19	0.08	< 10	< 10	26	< 10	32
531-DM-630	201 229	< 1	< 0.01	10	170	4	< 2	2	16	0.10	< 10	< 10	33	< 10	26
531-DM-632	201 229	< 1	< 0.01	11	510	< 2	< 2	1	12	0.07	< 10	< 10	24	< 10	16
531-DM-633	201 229	< 1	< 0.01	16	130	2	< 2	4	29	0.11	< 10	< 10	39	< 10	42
531-DM-635	201 229	< 1	< 0.01	6	190	2	4	1	16	0.08	< 10	< 10	22	< 10	22
531-DM-637	201 229	< 1	0.01	11	440	2	< 2	3	28	0.11	< 10	< 10	34	< 10	30
531-DM-639	201 229	< 1	< 0.01	12	320	2	< 2	3	25	0.10	< 10	< 10	33	< 10	30
531-DM-640	201 229	< 1	< 0.01	11	880	4	< 2	2	11	0.09	< 10	< 10	51	< 10	42
531-DM-641	201 229	< 1	< 0.01	9	330	2	< 2	2	21	0.11	< 10	< 10	30	< 10	32
531-DM-643	201 229	< 1	< 0.01	8	240	2	< 2	1	15	0.07	< 10	< 10	23	< 10	22
531-DM-645	201 229	< 1	< 0.01	13	290	4	< 2	3	21	0.10	< 10	< 10	39	< 10	38
531-DM-647	201 229	< 1	< 0.01	10	520	< 2	< 2	1	14	0.07	< 10	< 10	26	< 10	16
531-DM-649	217 229	< 1	0.01	19	190	6	< 2	4	29	0.09	< 10	< 10	53	< 10	46
531-DM-650	201 229	< 1	< 0.01	8	150	2	< 2	1	9	0.08	< 10	< 10	29	< 10	14
531-DM-651	201 229	< 1	0.01	12	530	2	< 2	1	15	0.08	< 10	< 10	27	< 10	22
531-DM-653	201 229	< 1	< 0.01	8	290	2	< 2	1	14	0.09	< 10	< 10	23	< 10	14
531-DM-655	201 229	< 1	< 0.01	12	410	2	< 2	1	21	0.09	< 10	< 10	31	< 10	20
531-DM-657	217 229	< 1	0.01	22	430	4	< 2	4	31	0.08	< 10	< 10	47	< 10	44
531-DM-659	217 229	< 1	0.01	24	380	6	< 2	4	28	0.08	< 10	< 10	55	< 10	46
531-DM-661	217 229	< 1	0.01	20	370	4	2	4	27	0.09	< 10	< 10	45	< 10	40
531-DM-663	201 229	< 1	< 0.01	13	370	< 2	< 2	2	15	0.09	< 10	< 10	36	< 10	30
531-DM-664	201 229	< 1	< 0.01	11	220	2	< 2	1	14	0.09	< 10	< 10	28	< 10	32
531-DM-665	201 229	< 1	< 0.01	18	1910	4	< 2	2	17	0.08	< 10	< 10	45	< 10	94
531-DM-666	201 229	< 1	< 0.01	15	880	4	< 2	1	17	0.08	< 10	< 10	38	< 10	50
531-DM-667	201 229	< 1	< 0.01	31	630	6	< 2	3	34	0.13	< 10	< 10	58	< 10	54
531-DM-669	201 229	< 1	< 0.01	11	180	2	< 2	1	11	0.08	< 10	< 10	31	< 10	30
531-DM-670	201 229	< 1	< 0.01	11	280	2	< 2	2	12	0.11	< 10	< 10	51	< 10	26
531-DM-671	201 229	< 1	< 0.01	15	1180	2	< 2	2	16	0.11	< 10	< 10	48	< 10	46
531-DM-672	201 229	< 1	< 0.01	8	810	4	< 2	1	11	0.09	< 10	< 10	32	< 10	16
531-DM-676	201 229	< 1	< 0.01	9	980	< 2	< 2	1	13	0.07	< 10	< 10	24	< 10	22
531-DM-677	201 229	< 1	< 0.01	7	360	< 2	< 2	1	15	0.07	< 10	< 10	21	< 10	24
531-DM-679	201 229	< 1	< 0.01	14	340	2	< 2	2	21	0.08	< 10	< 10	37	< 10	40
531-DM-681	201 229	< 1	< 0.01	7	380	< 2	< 2	1	20	0.08	< 10	< 10	22	< 10	18
531-DM-683	201 229	< 1	0.01	13	240	2	< 2	3	30	0.11	< 10	< 10	39	< 10	36
531-DM-685	201 229	< 1	< 0.01	13	400	2	< 2	2	17	0.11	< 10	< 10	36	< 10	30
531-DM-687	201 229	< 1	< 0.01	3	270	2	< 2	1	16	0.08	< 10	< 10	20	< 10	18
531-DM-689	201 229	< 1	< 0.01	15	940	4	2	2	14	0.10	< 10	< 10	46	< 10	58
531-DM-691	201 229	< 1	< 0.01	31	600	2	< 2	1	15	0.07	< 10	< 10	33	< 10	34
531-DM-692	201 229	< 1	< 0.01	9	200	4	< 2	1	11	0.12	< 10	< 10	48	< 10	40
531-DM-693	201 229	< 1	< 0.01	21	470	4	4	4	28	0.11	< 10	< 10	54	< 10	54

CERTIFICATION: Hart Becker



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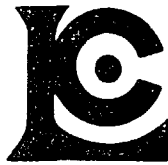
Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9522403

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-694	217	229	1 < 0.2	3.01	2	210	0.5	2	0.72 < 0.5	17	70	40	3.22 < 10	< 1	0.32	10	0.80	1350		
531-DM-695	201	229	10 < 0.2	1.48	8	40 < 0.5	< 2	0.31 < 0.5	6	34	15	2.43 < 10	< 1	0.06	< 10	0.37	135			
531-DM-696	201	229	3 < 0.2	1.30	6	60 < 0.5	< 2	0.35 < 0.5	11	28	15	1.56 < 10	< 1	0.04	10	0.36	650			
531-DM-697	201	229	1 < 0.2	1.35	< 2	50 < 0.5	< 2	0.22 < 0.5	4	27	10	1.67 < 10	< 1	0.04	< 10	0.29	105			
531-DM-698	201	229	< 1 < 0.2	1.64	< 2	70 < 0.5	2	0.43 < 0.5	7	33	12	1.64 < 10	< 1	0.07	10	0.48	260			
531-DM-700	201	229	1 < 0.2	1.24	< 2	30 < 0.5	< 2	0.40 < 0.5	4	28	8	1.46 < 10	< 1	0.03	10	0.42	145			
531-DM-701	201	229	20 < 0.2	2.40	< 2	90 < 0.5	< 2	0.31 < 0.5	16	37	45	2.65 < 10	< 1	0.04	10	0.46	400			
531-DM-702	201	229	4 < 0.2	1.29	4	20 < 0.5	< 2	0.18 < 0.5	5	30	32	1.66 < 10	< 1	0.02	10	0.23	90			
531-DM-703	201	229	2 < 0.2	1.09	2	50 < 0.5	2	0.24 < 0.5	6	22	5	1.30 < 10	< 1	0.04	10	0.30	165			
531-DM-704	201	229	4 < 0.2	0.95	12	60 < 0.5	< 2	0.32 < 0.5	4	24	7	1.35 < 10	< 1	0.08	< 10	0.27	320			
531-DM-706	201	229	14 < 0.2	1.43	4	70 < 0.5	< 2	0.47 < 0.5	10	30	13	2.12 < 10	< 1	0.11	10	0.49	480			
531-DM-708	201	229	< 1 < 0.2	0.70	< 2	40 < 0.5	< 2	0.26 < 0.5	2	18	4	0.87 < 10	< 1	0.07	< 10	0.24	210			
531-DM-710	201	229	1 < 0.2	0.57	< 2	20 < 0.5	< 2	0.32 < 0.5	2	20	2	1.00 < 10	< 1	0.06	< 10	0.25	95			
531-DM-712	217	229	< 1 < 0.2	2.23	14	220	0.5	< 2	0.74 < 0.5	19	53	15	2.94 < 10	< 1	0.30	10	0.65	1955		
531-DM-714	201	229	< 1 < 0.2	0.87	2	40 < 0.5	< 2	0.28 < 0.5	5	29	4	1.45 < 10	< 1	0.17	< 10	0.40	225			
531-DM-716	201	229	2 < 0.2	0.41	8	10 < 0.5	< 2	0.19 < 0.5	1	15	2	0.76 < 10	< 1	0.03	< 10	0.12	50			
531-DM-717	217	229	< 1 < 0.2	3.42	< 2	190	0.5	4	0.80 < 0.5	14	69	23	3.58 < 10	< 1	0.49	20	1.13	800		
531-DM-718	217	229	< 1 < 0.2	2.29	2	100 < 0.5	2	0.61 < 0.5	12	83	16	2.89 < 10	< 1	0.20	20	1.01	590			
531-DM-719	201	229	5 < 0.2	2.89	6	80	0.5	< 2	0.22 < 0.5	10	45	43	3.49 < 10	< 1	0.04	< 10	0.45	345		
531-DM-720	201	229	3 < 0.2	1.39	2	40 < 0.5	< 2	0.24 < 0.5	6	35	13	1.99 < 10	< 1	0.04	< 10	0.31	140			
531-DM-721	201	229	< 1 < 0.2	0.74	< 2	20 < 0.5	< 2	0.21 < 0.5	3	21	3	1.02 < 10	< 1	0.04	< 10	0.24	100			
531-DM-722	201	229	< 1 < 0.2	1.76	< 2	70 < 0.5	< 2	0.32 < 0.5	6	36	10	1.71 < 10	< 1	0.15	10	0.57	180			
531-DM-723	217	229	< 1 < 0.2	2.55	4	180	1.0	2	0.32 < 0.5	43	56	16	4.35 < 10	< 1	0.26	20	0.68	3530		
531-DM-724	201	229	4 < 0.2	1.38	< 2	40 < 0.5	< 2	0.18 < 0.5	4	26	8	1.60 < 10	< 1	0.03	< 10	0.25	145			
531-DM-725	201	229	< 1 < 0.2	1.57	< 2	70 < 0.5	< 2	0.28 < 0.5	6	34	9	1.72 < 10	< 1	0.18	10	0.51	235			
531-DM-726	217	229	< 1 < 0.2	2.83	2	130	0.5	< 2	0.45 < 0.5	14	61	22	3.05 < 10	< 1	0.36	10	0.99	550		
531-DM-727	201	229	26 < 0.2	1.09	< 2	60 < 0.5	< 2	0.27 < 0.5	6	32	5	1.60 < 10	< 1	0.09	10	0.44	215			
531-DM-728	217	229	< 1 < 0.2	2.00	6	110	< 0.5	2	0.57 < 0.5	11	55	15	2.44 < 10	< 1	0.27	10	0.70	475		
531-DM-729	217	229	< 1 < 0.2	2.25	4	130	0.5	< 2	0.63 < 0.5	10	53	24	2.69 < 10	< 1	0.26	30	0.81	390		
531-DM-730	201	229	3 < 0.2	0.74	2	20 < 0.5	< 2	0.30 < 0.5	3	24	2	1.23 < 10	< 1	0.06	< 10	0.27	105			
531-DM-731	201	229	< 1 < 0.2	0.72	< 2	30 < 0.5	< 2	0.21 < 0.5	3	20	3	0.93 < 10	< 1	0.06	< 10	0.25	130			
531-DM-732	201	229	< 1 < 0.2	0.77	< 2	30 < 0.5	< 2	0.29 < 0.5	3	20	3	0.99 < 10	< 1	0.08	< 10	0.29	125			
531-DM-733	201	229	< 1 < 0.2	0.94	< 2	40 < 0.5	< 2	0.33 < 0.5	4	26	4	1.35 < 10	< 1	0.12	< 10	0.35	235			
531-DM-734	201	229	< 1 < 0.2	1.09	6	40 < 0.5	< 2	0.47 < 0.5	3	29	7	1.50 < 10	< 1	0.12	10	0.43	220			
531-DM-735	201	229	5 < 0.2	0.64	< 2	20 < 0.5	< 2	0.40 < 0.5	2	19	5	0.93 < 10	< 1	0.06	< 10	0.27	115			
531-DM-736	201	229	3 < 0.2	1.19	8	40 < 0.5	< 2	0.31 < 0.5	5	27	20	1.68 < 10	< 1	0.02	< 10	0.28	125			
531-DM-737	201	229	3 < 0.2	1.46	2	30 < 0.5	< 2	0.29 < 0.5	3	26	10	1.87 < 10	< 1	0.03	< 10	0.38	150			
531-DM-738	201	229	4 < 0.2	1.79	< 2	50 < 0.5	2	0.12 < 0.5	5	25	19	2.19 < 10	< 1	0.02	< 10	0.34	130			
531-DM-739	201	229	1 < 0.2	1.01	2	30 < 0.5	< 2	0.32 < 0.5	4	27	6	1.42 < 10	< 1	0.04	< 10	0.31	120			
531-DM-740	201	229	2 < 0.2	0.86	2	30 < 0.5	< 2	0.24 < 0.5	3	24	6	1.26 < 10	< 1	0.07	< 10	0.28	110			

CERTIFICATION:

*Stuart Deveau*



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CERTIFICATE OF ANALYSIS	A9522403
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SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-DM-694	217	229	< 1	0.01	30	480	2	< 2	5	32	0.08	< 10	< 10	62	< 10	70
531-DM-695	201	229	< 1	< 0.01	13	280	2	< 2	2	17	0.12	< 10	< 10	52	< 10	44
531-DM-696	201	229	< 1	< 0.01	15	200	4	< 2	2	19	0.09	< 10	< 10	34	< 10	36
531-DM-697	201	229	< 1	< 0.01	12	450	< 2	< 2	2	15	0.10	< 10	< 10	36	< 10	36
531-DM-698	201	229	< 1	< 0.01	16	130	2	< 2	3	21	0.10	< 10	< 10	38	< 10	40
531-DM-700	201	229	< 1	< 0.01	11	220	2	< 2	2	26	0.12	< 10	< 10	34	< 10	26
531-DM-701	201	229	< 1	< 0.01	31	250	8	< 2	3	11	0.11	< 10	< 10	66	< 10	94
531-DM-702	201	229	< 1	< 0.01	14	190	4	< 2	2	12	0.11	< 10	< 10	36	< 10	32
531-DM-703	201	229	< 1	< 0.01	9	200	4	< 2	2	18	0.10	< 10	< 10	29	< 10	58
531-DM-704	201	229	< 1	< 0.01	12	560	2	< 2	1	18	0.08	< 10	< 10	28	< 10	52
531-DM-706	201	229	< 1	< 0.01	17	530	4	< 2	2	18	0.10	< 10	< 10	43	< 10	72
531-DM-708	201	229	< 1	< 0.01	7	180	2	< 2	1	15	0.07	< 10	< 10	22	< 10	24
531-DM-710	201	229	< 1	< 0.01	7	340	< 2	< 2	1	16	0.07	< 10	< 10	23	< 10	18
531-DM-712	217	229	< 1	0.01	23	300	8	< 2	5	23	0.08	< 10	< 10	56	< 10	64
531-DM-714	201	229	< 1	< 0.01	12	200	< 2	< 2	2	15	0.09	< 10	< 10	30	< 10	32
531-DM-716	201	229	< 1	< 0.01	4	300	< 2	< 2	< 1	9	0.06	< 10	< 10	19	< 10	16
531-DM-717	217	229	< 1	0.01	34	320	8	< 2	8	28	0.13	< 10	< 10	65	< 10	82
531-DM-718	217	229	< 1	0.01	33	310	2	< 2	6	22	0.12	< 10	< 10	61	< 10	58
531-DM-719	201	229	< 1	< 0.01	22	440	4	< 2	4	13	0.09	< 10	< 10	74	< 10	76
531-DM-720	201	229	< 1	< 0.01	14	240	6	< 2	2	16	0.10	< 10	< 10	43	< 10	34
531-DM-721	201	229	< 1	< 0.01	7	100	6	< 2	1	16	0.09	< 10	< 10	25	< 10	20
531-DM-722	201	229	< 1	< 0.01	15	230	2	< 2	3	26	0.11	< 10	< 10	37	< 10	40
531-DM-723	217	229	< 1	0.01	24	960	12	2	5	26	0.13	< 10	< 10	90	< 10	72
531-DM-724	201	229	< 1	< 0.01	12	350	4	< 2	1	12	0.09	< 10	< 10	31	< 10	36
531-DM-725	201	229	< 1	< 0.01	15	280	4	< 2	3	21	0.10	< 10	< 10	36	< 10	44
531-DM-726	217	229	< 1	0.01	27	400	6	< 2	6	34	0.13	< 10	< 10	64	< 10	68
531-DM-727	201	229	< 1	< 0.01	13	330	< 2	< 2	2	17	0.10	< 10	< 10	36	< 10	46
531-DM-728	217	229	< 1	0.01	22	170	4	< 2	4	24	0.09	< 10	< 10	50	< 10	50
531-DM-729	217	229	< 1	0.01	29	290	8	4	6	27	0.07	< 10	< 10	60	< 10	58
531-DM-730	201	229	< 1	< 0.01	8	540	< 2	< 2	1	16	0.08	< 10	< 10	26	< 10	22
531-DM-731	201	229	< 1	< 0.01	6	130	< 2	< 2	1	17	0.08	< 10	< 10	23	< 10	24
531-DM-732	201	229	< 1	< 0.01	8	340	< 2	< 2	1	18	0.07	< 10	< 10	23	< 10	26
531-DM-733	201	229	< 1	< 0.01	9	300	2	< 2	2	23	0.10	< 10	< 10	30	< 10	34
531-DM-734	201	229	< 1	< 0.01	12	650	2	< 2	2	24	0.10	< 10	< 10	35	< 10	28
531-DM-735	201	229	< 1	< 0.01	7	660	< 2	< 2	1	21	0.08	< 10	< 10	24	< 10	18
531-DM-736	201	229	< 1	< 0.01	16	430	< 2	< 2	1	15	0.11	< 10	< 10	31	< 10	22
531-DM-737	201	229	< 1	< 0.01	10	300	2	2	2	20	0.14	< 10	< 10	40	< 10	32
531-DM-738	201	229	< 1	< 0.01	12	170	4	< 2	1	8	0.08	< 10	< 10	44	< 10	34
531-DM-739	201	229	< 1	< 0.01	9	140	4	< 2	2	21	0.10	< 10	< 10	32	< 10	20
531-DM-740	201	229	< 1	< 0.01	9	180	< 2	< 2	1	19	0.08	< 10	< 10	29	< 10	20

CERTIFICATION: H. J. Deveau



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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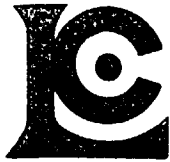
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Certificate Date: 28-JUL-95  
Invoice No. : I9522403  
P.O. Number :  
Account : GKQ

Project :  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9522403

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-741	201 229	2 < 0.2	0.99	4	50 < 0.5	< 2	0.33 < 0.5	4	25	8	1.28 < 10	< 1	0.09	10	0.35	250				
531-DM-742	201 229	6 < 0.2	1.61 < 2	90 < 0.5	2	0.48 < 0.5	6	33	12	1.83 < 10	< 1	0.12	10	0.44	430					
531-DM-743	201 229	< 1 < 0.2	2.11 < 2	130	0.5	2	0.60 < 0.5	6	43	16	2.45 < 10	< 1	0.23	10	0.64	230				
531-DM-744	201 229	2 < 0.2	0.76 < 2	30	< 0.5	< 2	0.25 < 0.5	4	20	4	1.04 < 10	< 1	0.06	< 10	0.28	215				
531-DM-745	201 229	2 < 0.2	0.72 < 2	20	< 0.5	< 2	0.15 < 0.5	2	19	3	1.02 < 10	< 1	0.03	< 10	0.20	75				
531-DM-746	217 229	< 1 < 0.2	2.26 < 2	100	< 0.5	< 2	0.39 < 0.5	10	56	16	2.69 < 10	< 1	0.34	< 10	0.76	385				
531-DM-747	201 229	< 1 < 0.2	0.81 < 2	20	< 0.5	< 2	0.29 < 0.5	2	23	3	1.18 < 10	< 1	0.04	< 10	0.25	100				
531-DM-748	217 229	< 1 < 0.2	2.21	2	100	< 0.5	< 2	0.77 < 0.5	8	58	21	2.64 < 10	< 1	0.28	10	0.81	250			
531-DM-749	201 229	< 1 < 0.2	2.55 < 2	170	0.5	2	1.02 < 0.5	11	61	43	2.58 < 10	< 1	0.11	30	0.48	445				
531-DM-750	201 229	1 < 0.2	1.32	12	40	< 0.5	< 2	0.14 < 0.5	2	22	10	1.73 < 10	< 1	0.04	< 10	0.24	90			
531-DM-751	201 229	2 < 0.2	1.42	2	60	< 0.5	< 2	0.17 < 0.5	6	29	7	1.97 < 10	< 1	0.04	< 10	0.24	115			
531-DM-752	201 229	7 < 0.2	1.09	4	40	< 0.5	< 2	0.22 < 0.5	4	28	8	1.78 < 10	< 1	0.06	< 10	0.25	115			
531-DM-753	217 229	< 1 < 0.2	0.65	2	40	< 0.5	< 2	0.31 < 0.5	4	74	3	1.35 < 10	< 1	0.17	< 10	0.36	205			
531-DM-754	201 229	< 1 < 0.2	0.74	14	60	< 0.5	< 2	0.17 < 0.5	3	20	8	1.33 < 10	< 1	0.04	< 10	0.18	145			
531-DM-755	201 229	1 < 0.2	2.30 < 2	90	< 0.5	2	0.30 < 0.5	9	42	25	2.49 < 10	< 1	0.05	< 10	0.54	335				
531-DM-756	201 229	< 1 < 0.2	2.07	8	80	< 0.5	2	0.29 < 0.5	11	42	17	2.70 < 10	< 1	0.10	10	0.61	575			
531-DM-757	201 229	211 < 0.2	0.82 < 2	30	< 0.5	< 2	0.32 < 0.5	3	25	4	1.09 < 10	< 1	0.08	< 10	0.35	140				
531-DM-758	201 229	2 < 0.2	1.33	8	70	< 0.5	< 2	0.35 < 0.5	6	31	16	1.49 < 10	< 1	0.11	10	0.43	330			
531-DM-759	201 229	< 1 < 0.2	0.66 < 2	30	< 0.5	< 2	0.24 < 0.5	2	19	2	0.98 < 10	< 1	0.04	< 10	0.21	105				
531-DM-760	201 229	< 1 < 0.2	0.84 < 2	40	< 0.5	< 2	0.22 < 0.5	3	26	4	1.22 < 10	< 1	0.07	< 10	0.32	140				
531-DM-761	201 229	< 1 < 0.2	0.89	2	60	< 0.5	< 2	0.18 < 0.5	4	21	3	1.41 < 10	< 1	0.04	< 10	0.26	175			
531-DM-762	201 229	< 1 < 0.2	0.76	6	30	< 0.5	< 2	0.12 < 0.5	3	28	6	1.88 < 10	< 1	0.03	< 10	0.21	140			
531-DM-763	201 229	2 < 0.2	1.16 < 2	70	< 0.5	< 2	0.19 < 0.5	5	23	6	1.45 < 10	< 1	0.04	< 10	0.27	215				
531-DM-764	201 229	< 1 < 0.2	3.13 < 2	80	< 0.5	< 2	0.23 < 0.5	13	100	51	4.58	10	< 1	0.04	< 10	0.89	355			
531-DM-765	201 229	2 < 0.2	0.46	12	30	< 0.5	< 2	0.14 < 0.5	2	24	3	1.13 < 10	< 1	0.03	< 10	0.14	160			
531-DM-766	201 229	4 < 0.2	3.09	14	70	0.5	< 2	0.27 < 0.5	9	51	102	3.43 < 10	< 1	0.07	< 10	0.53	245			
531-DM-767	201 229	4 < 0.2	1.63	6	60	< 0.5	< 2	0.31 < 0.5	9	41	30	2.32 < 10	< 1	0.05	< 10	0.45	170			
531-DM-768	201 229	2 < 0.2	0.57	8	60	< 0.5	< 2	0.19 < 0.5	3	27	4	1.40 < 10	< 1	0.03	< 10	0.16	540			
531-DM-769	201 229	16 < 0.2	0.69	2	20	< 0.5	< 2	0.17 < 0.5	2	19	4	1.03 < 10	< 1	0.03	< 10	0.19	70			
531-DM-770	201 229	19 < 0.2	0.98	6	50	< 0.5	< 2	0.28 < 0.5	3	23	7	1.19 < 10	< 1	0.04	< 10	0.28	160			
531-DM-771	201 229	< 1 < 0.2	0.46 < 2	20	< 0.5	< 2	0.24 < 0.5	2	16	2	0.70 < 10	< 1	0.04	< 10	0.20	85				
531-DM-772	201 229	< 1 < 0.2	0.71 < 2	30	< 0.5	< 2	0.21 < 0.5	2	17	3	0.76 < 10	< 1	0.03	< 10	0.20	155				
531-DM-773	201 229	15 < 0.2	0.92	2	40	< 0.5	< 2	0.26 < 0.5	4	28	5	1.52 < 10	< 1	0.10	< 10	0.33	390			

CERTIFICATION: \_\_\_\_\_



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Page Number :3-B  
 Total Pages :3  
 Certificate Date: 28-JUL-95  
 Invoice No. : I9522403  
 P.O. Number :  
 Account : GKQ

Project :  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS

### A9522403

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-741	201 229	< 1	< 0.01	11	230	2	< 2	2	19	0.08	< 10	< 10	29	< 10	28
531-DM-742	201 229	< 1	< 0.01	16	420	2	< 2	2	21	0.08	< 10	< 10	36	< 10	36
531-DM-743	201 229	< 1	< 0.01	20	480	6	< 2	4	21	0.08	< 10	< 10	41	< 10	46
531-DM-744	201 229	< 1	< 0.01	8	320	2	< 2	1	14	0.07	< 10	< 10	22	< 10	20
531-DM-745	201 229	< 1	< 0.01	6	160	2	< 2	1	10	0.06	< 10	< 10	22	< 10	18
531-DM-746	217 229	< 1	0.01	21	320	6	< 2	4	29	0.12	< 10	< 10	54	< 10	52
531-DM-747	201 229	< 1	< 0.01	7	390	< 2	< 2	1	18	0.09	< 10	< 10	27	< 10	22
531-DM-748	217 229	< 1	0.01	21	280	4	4	4	32	0.11	< 10	< 10	53	< 10	52
531-DM-749	201 229	< 1	0.01	24	350	2	< 2	4	29	0.08	< 10	< 10	49	< 10	48
531-DM-750	201 229	< 1	< 0.01	7	690	4	< 2	1	9	0.07	< 10	< 10	40	< 10	58
531-DM-751	201 229	< 1	< 0.01	13	1290	2	< 2	1	9	0.06	< 10	< 10	37	< 10	30
531-DM-752	201 229	< 1	< 0.01	13	480	< 2	< 2	1	11	0.07	< 10	< 10	31	< 10	18
531-DM-753	217 229	< 1	0.03	9	400	< 2	< 2	1	17	0.09	< 10	< 10	32	< 10	22
531-DM-754	201 229	< 1	< 0.01	6	430	6	< 2	1	12	0.06	< 10	< 10	26	< 10	48
531-DM-755	201 229	< 1	< 0.01	21	390	4	< 2	2	22	0.13	< 10	< 10	49	< 10	84
531-DM-756	201 229	< 1	< 0.01	21	520	< 2	< 2	2	18	0.12	< 10	< 10	50	< 10	78
531-DM-757	201 229	< 1	< 0.01	9	310	2	< 2	2	22	0.09	< 10	< 10	28	< 10	24
531-DM-758	201 229	< 1	< 0.01	12	290	2	< 2	2	25	0.10	< 10	< 10	32	< 10	34
531-DM-759	201 229	< 1	< 0.01	6	240	2	< 2	1	16	0.08	< 10	< 10	22	< 10	18
531-DM-760	201 229	< 1	< 0.01	9	200	< 2	< 2	1	14	0.08	< 10	< 10	27	< 10	24
531-DM-761	201 229	< 1	< 0.01	8	500	2	< 2	1	12	0.06	< 10	< 10	26	< 10	32
531-DM-762	201 229	< 1	< 0.01	9	990	2	< 2	1	9	0.06	< 10	< 10	34	< 10	26
531-DM-763	201 229	< 1	< 0.01	8	430	2	< 2	1	15	0.07	< 10	< 10	28	< 10	34
531-DM-764	201 229	< 1	< 0.01	30	1340	2	< 2	4	8	0.12	< 10	< 10	103	< 10	128
531-DM-765	201 229	< 1	< 0.01	6	220	4	< 2	1	13	0.07	< 10	< 10	24	< 10	20
531-DM-766	201 229	< 1	< 0.01	24	1240	4	< 2	2	15	0.12	< 10	< 10	68	< 10	78
531-DM-767	201 229	< 1	< 0.01	20	300	2	< 2	2	20	0.14	< 10	< 10	47	< 10	32
531-DM-768	201 229	< 1	< 0.01	9	210	2	< 2	1	15	0.07	< 10	< 10	27	< 10	32
531-DM-769	201 229	< 1	< 0.01	7	250	2	< 2	1	10	0.07	< 10	< 10	21	< 10	16
531-DM-770	201 229	< 1	< 0.01	9	260	4	< 2	1	20	0.09	< 10	< 10	28	< 10	22
531-DM-771	201 229	< 1	< 0.01	5	310	< 2	< 2	1	17	0.06	< 10	< 10	17	< 10	14
531-DM-772	201 229	< 1	< 0.01	7	200	2	< 2	1	14	0.07	< 10	< 10	18	< 10	20
531-DM-773	201 229	< 1	< 0.01	12	470	2	2	1	15	0.07	< 10	< 10	29	< 10	32

CERTIFICATION:

*Stuart Buchler*



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Project : 531  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 1-A  
Total Pages : 3  
Certificate Date: 02-AUG-95  
Invoice No. : I9522645  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9522645

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-774	217 229	9 < 0.2	2.27	< 2	70	0.5	2	0.63	< 0.5	10	74	17	2.52	10	< 1	0.19	30	0.81	255	
531-DM-775	201 229	4 < 0.2	1.75	< 2	60	0.5	2	0.26	< 0.5	6	40	15	2.22	< 10	< 1	0.25	10	0.63	155	
531-DM-776	201 229	10 < 0.2	1.62	< 2	80	0.5	< 2	0.29	< 0.5	7	38	17	2.15	< 10	< 1	0.26	20	0.62	230	
531-DM-777	201 229	2 < 0.2	1.37	< 2	100	< 0.5	2	0.35	< 0.5	4	30	12	1.75	< 10	< 1	0.20	20	0.40	115	
531-DM-778	201 229	225 < 0.2	0.68	< 2	30	< 0.5	< 2	0.25	< 0.5	3	21	1	0.97	< 10	< 1	0.07	10	0.30	125	
531-DM-779	217 229	8 < 0.2	3.41	< 2	150	0.5	< 2	0.45	< 0.5	17	81	28	3.64	10	< 1	0.37	20	1.16	520	
531-DM-780	217 229	55 < 0.2	4.07	< 2	90	0.5	< 2	0.26	< 0.5	32	155	16	8.12	10	< 1	0.11	10	1.95	930	
531-DM-781	201 229	19 < 0.2	1.12	< 2	30	< 0.5	2	0.33	< 0.5	6	28	6	1.32	< 10	< 1	0.06	10	0.37	165	
531-DM-782	201 229	4 < 0.2	1.20	< 2	30	< 0.5	< 2	0.30	< 0.5	6	34	5	1.60	< 10	< 1	0.08	10	0.38	155	
531-DM-783	201 229	< 1 < 0.2	1.55	< 2	60	< 0.5	< 2	0.39	< 0.5	8	36	8	1.79	< 10	< 1	0.16	10	0.59	220	
531-DM-784	217 229	3 < 0.2	3.47	< 2	150	1.0	< 2	0.39	< 0.5	16	77	26	3.51	10	< 1	0.43	20	1.00	470	
531-DM-785	217 229	4 < 0.2	3.88	< 2	180	1.0	< 2	0.52	< 0.5	22	87	33	3.90	10	< 1	0.51	30	1.23	760	
531-DM-786	201 229	9 < 0.2	1.46	< 2	30	< 0.5	< 2	0.21	< 0.5	6	29	39	1.80	< 10	< 1	0.05	10	0.40	125	
531-DM-787	217 229	21 < 0.2	3.30	< 2	150	1.0	2	0.41	< 0.5	19	85	22	3.34	10	< 1	0.48	20	0.99	545	
531-DM-788	217 229	2 < 0.2	2.80	< 2	130	0.5	2	0.50	< 0.5	12	65	35	3.36	10	< 1	0.35	30	0.87	330	
531-DM-789	217 229	3 < 0.2	1.61	< 2	90	0.5	< 2	0.55	< 0.5	11	91	15	2.08	10	< 1	0.25	20	0.59	475	
531-DM-790	201 229	3 < 0.2	2.16	4	50	< 0.5	< 2	0.24	< 0.5	16	58	17	3.41	< 10	< 1	0.04	10	0.93	265	
531-DM-791	201 229	3 < 0.2	0.64	< 2	20	< 0.5	< 2	0.12	< 0.5	3	23	2	1.26	< 10	< 1	0.02	< 10	0.11	60	
531-DM-792	201 229	11 < 0.2	2.00	8	40	0.5	< 2	0.20	< 0.5	8	40	18	2.59	< 10	< 1	0.04	10	0.40	145	
531-DM-793	201 229	2 < 0.2	1.05	< 2	40	< 0.5	< 2	0.27	< 0.5	5	28	13	1.37	< 10	< 1	0.03	10	0.26	125	
531-DM-794	201 229	10 < 0.2	1.05	< 2	40	< 0.5	< 2	0.22	< 0.5	6	24	4	1.51	< 10	< 1	0.06	10	0.22	75	
531-DM-795	217 229	2 < 0.2	3.64	4	170	1.0	< 2	0.59	< 0.5	18	81	29	3.78	10	1	0.42	20	1.17	495	
531-DM-796	217 229	16 < 0.2	3.35	14	150	1.0	< 2	0.47	< 0.5	15	85	35	3.70	10	1	0.39	30	0.98	445	
531-DM-797	201 229	167 < 0.2	0.85	4	20	< 0.5	< 2	0.20	< 0.5	4	20	7	1.33	< 10	< 1	0.03	10	0.18	70	
531-DM-798	201 229	7 < 0.2	1.03	4	20	< 0.5	< 2	0.21	< 0.5	4	23	13	1.47	< 10	< 1	0.02	10	0.22	75	
531-DM-799	201 229	55 < 0.2	1.41	2	40	< 0.5	< 2	0.27	< 0.5	6	25	19	1.30	< 10	< 1	0.03	10	0.30	105	
531-DM-800	201 229	12 < 0.2	1.81	2	30	< 0.5	< 2	0.16	< 0.5	7	38	12	2.46	< 10	< 1	0.06	10	0.39	135	
531-DM-801	201 229	10 < 0.2	1.40	14	50	< 0.5	< 2	0.15	< 0.5	4	27	8	1.79	< 10	< 1	0.05	10	0.26	95	
531-DM-802	201 229	1 < 0.2	1.64	< 2	50	< 0.5	< 2	0.30	< 0.5	11	38	12	1.88	< 10	< 1	0.13	10	0.53	275	
531-DM-803	201 229	17 < 0.2	1.44	< 2	60	< 0.5	2	0.50	< 0.5	6	41	12	1.94	< 10	< 1	0.18	20	0.58	190	
531-DM-804	201 229	1 < 0.2	2.76	< 2	130	0.5	2	0.59	< 0.5	12	64	28	3.15	10	1	0.41	30	0.97	405	
531-DM-805	217 229	< 1 < 0.2	1.28	6	70	< 0.5	< 2	0.50	< 0.5	7	119	10	1.54	< 10	< 1	0.15	20	0.48	225	
531-DM-806	201 229	1 < 0.2	1.56	< 2	70	0.5	< 2	0.34	< 0.5	8	39	12	1.90	< 10	< 1	0.14	20	0.58	180	
531-DM-807	201 229	5 < 0.2	0.83	< 2	30	< 0.5	< 2	0.17	< 0.5	3	19	4	1.27	< 10	< 1	0.02	< 10	0.20	80	
531-DM-808	201 229	14 < 0.2	0.67	10	20	< 0.5	< 2	0.14	< 0.5	2	17	2	1.22	< 10	< 1	0.02	< 10	0.15	70	
531-DM-809	201 229	10 < 0.2	0.87	8	30	< 0.5	< 2	0.16	< 0.5	3	26	7	1.69	< 10	< 1	0.03	< 10	0.19	80	
531-DM-810	201 229	21 < 0.2	2.41	< 2	50	0.5	< 2	0.20	< 0.5	9	48	16	2.75	< 10	< 1	0.05	10	0.41	150	
531-DM-811	201 229	22 < 0.2	1.20	2	20	< 0.5	< 2	0.21	< 0.5	7	32	16	1.80	< 10	< 1	0.04	10	0.29	115	
531-DM-812	201 229	24 < 0.2	0.62	< 2	20	< 0.5	< 2	0.30	< 0.5	2	20	4	0.88	< 10	< 1	0.06	10	0.27	85	
531-DM-813	201 229	9 < 0.2	0.66	2	30	< 0.5	< 2	0.30	< 0.5	3	16	2	0.81	< 10	< 1	0.02	10	0.24	75	

CERTIFICATION: *Stuart Deveau*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 1-B  
Total Pages : 3  
Certificate Date: 02-AUG-95  
Invoice No. : I9522645  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522645

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-DM-774	217	229	< 1	0.03	26	700	8	< 2	6	36	0.14	< 10	< 10	55	< 10	44
531-DM-775	201	229	< 1	0.02	16	420	14	< 2	6	22	0.08	< 10	< 10	49	< 10	38
531-DM-776	201	229	< 1	0.01	17	450	12	< 2	5	21	0.07	< 10	< 10	42	< 10	42
531-DM-777	201	229	< 1	0.01	16	490	12	< 2	3	18	0.07	< 10	< 10	30	< 10	28
531-DM-778	201	229	< 1	0.01	8	400	4	< 2	1	12	0.08	< 10	< 10	20	< 10	28
531-DM-779	217	229	< 1	0.02	38	170	18	2	7	26	0.13	< 10	< 10	70	< 10	76
531-DM-780	217	229	< 1	0.01	71	750	16	4	24	9	0.10	< 10	< 10	229	< 10	104
531-DM-781	201	229	< 1	0.01	11	340	4	< 2	2	20	0.11	< 10	< 10	31	< 10	30
531-DM-782	201	229	< 1	0.01	15	270	4	< 2	2	19	0.12	< 10	< 10	37	< 10	48
531-DM-783	201	229	< 1	0.02	17	350	4	< 2	4	27	0.13	< 10	< 10	41	< 10	38
531-DM-784	217	229	< 1	0.02	34	250	12	2	7	31	0.12	< 10	< 10	80	< 10	72
531-DM-785	217	229	< 1	0.03	40	200	16	2	9	41	0.16	< 10	< 10	91	< 10	80
531-DM-786	201	229	< 1	0.01	13	470	6	< 2	2	12	0.11	< 10	< 10	43	< 10	54
531-DM-787	217	229	< 1	0.02	35	290	18	2	7	34	0.13	< 10	< 10	75	< 10	70
531-DM-788	217	229	< 1	0.02	28	500	14	4	9	30	0.09	< 10	< 10	71	< 10	64
531-DM-789	217	229	< 1	0.03	23	710	4	< 2	4	28	0.11	< 10	< 10	46	< 10	38
531-DM-790	201	229	< 1	0.01	33	370	10	2	7	11	0.10	< 10	< 10	103	< 10	104
531-DM-791	201	229	< 1	< 0.01	10	1110	4	< 2	< 1	6	0.04	< 10	< 10	22	< 10	16
531-DM-792	201	229	1	< 0.01	21	2180	6	2	2	10	0.08	< 10	< 10	46	< 10	50
531-DM-793	201	229	< 1	0.01	16	490	4	< 2	1	13	0.09	< 10	< 10	25	< 10	18
531-DM-794	201	229	< 1	< 0.01	13	500	4	< 2	1	14	0.07	< 10	< 10	28	< 10	18
531-DM-795	217	229	< 1	0.03	35	170	16	6	8	42	0.14	< 10	< 10	80	< 10	76
531-DM-796	217	229	< 1	0.02	36	230	14	4	8	33	0.10	< 10	< 10	74	< 10	70
531-DM-797	201	229	1	< 0.01	11	370	< 2	< 2	1	10	0.09	< 10	< 10	25	< 10	18
531-DM-798	201	229	< 1	0.01	12	580	4	< 2	1	9	0.08	< 10	< 10	27	< 10	18
531-DM-799	201	229	< 1	0.01	14	460	8	2	2	14	0.10	< 10	< 10	29	< 10	28
531-DM-800	201	229	< 1	< 0.01	19	1080	12	< 2	2	11	0.10	< 10	< 10	42	< 10	60
531-DM-801	201	229	< 1	< 0.01	11	1060	8	< 2	2	11	0.09	< 10	< 10	31	< 10	52
531-DM-802	201	229	< 1	0.01	15	250	8	< 2	3	23	0.11	< 10	< 10	41	< 10	54
531-DM-803	201	229	< 1	0.02	17	520	4	< 2	5	30	0.13	< 10	< 10	41	< 10	34
531-DM-804	201	229	< 1	0.02	32	330	6	4	8	35	0.12	< 10	< 10	64	< 10	68
531-DM-805	217	229	< 1	0.03	18	450	4	< 2	3	23	0.07	< 10	< 10	30	< 10	52
531-DM-806	201	229	< 1	0.02	17	250	12	< 2	4	27	0.10	< 10	< 10	40	< 10	40
531-DM-807	201	229	1	0.01	6	150	4	< 2	1	11	0.10	< 10	< 10	29	< 10	18
531-DM-808	201	229	< 1	< 0.01	7	730	4	< 2	1	11	0.06	< 10	< 10	23	< 10	12
531-DM-809	201	229	< 1	< 0.01	9	1050	6	< 2	1	13	0.07	< 10	< 10	30	< 10	22
531-DM-810	201	229	< 1	0.01	23	880	8	< 2	3	14	0.12	< 10	< 10	46	< 10	42
531-DM-811	201	229	< 1	0.01	18	1150	4	< 2	2	13	0.08	< 10	< 10	31	< 10	22
531-DM-812	201	229	< 1	0.01	7	450	4	< 2	2	17	0.07	< 10	< 10	20	< 10	14
531-DM-813	201	229	< 1	0.01	9	440	4	2	1	12	0.07	< 10	< 10	18	< 10	16

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Page Number : 2-A  
 Total Pages : 3  
 Certificate Date : 02-AUG-95  
 Invoice No. : 19522645  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9522645

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-814	201 229	3	< 0.2	1.26	< 2	40	< 0.5	< 2	0.21	< 0.5	5	27	13	1.35	< 10	< 1	0.04	10	0.31	100
531-DM-815	201 229	8	0.2	1.28	< 2	70	< 0.5	< 2	0.19	< 0.5	6	35	8	1.96	< 10	< 1	0.06	10	0.30	230
531-DM-816	201 229	7	0.2	2.05	< 2	100	0.5	< 2	0.33	< 0.5	9	44	13	2.21	10	< 1	0.21	10	0.63	315
531-DM-817	201 229	2	< 0.2	1.64	< 2	60	< 0.5	< 2	0.29	< 0.5	10	39	9	1.85	< 10	< 1	0.11	10	0.53	275
531-DM-818	201 229	4	0.2	1.56	< 2	40	< 0.5	< 2	0.20	< 0.5	6	33	6	2.00	< 10	1	0.05	10	0.26	115
531-DM-819	201 229	4	0.2	1.21	< 2	30	< 0.5	< 2	0.19	< 0.5	6	35	8	1.79	< 10	< 1	0.04	< 10	0.30	105
531-DM-820	201 229	9	< 0.2	1.38	< 2	30	< 0.5	< 2	0.19	< 0.5	6	42	10	1.63	< 10	< 1	0.04	< 10	0.49	130
531-DM-821	201 229	2	0.2	1.72	4	30	< 0.5	< 2	0.19	< 0.5	10	47	27	2.81	< 10	< 1	0.04	< 10	0.46	180
531-DM-822	201 229	106	0.2	0.85	2	30	< 0.5	< 2	0.14	< 0.5	3	21	9	1.32	< 10	< 1	0.02	< 10	0.22	150
531-DM-823	201 229	15	0.2	1.92	< 2	40	< 0.5	< 2	0.32	< 0.5	10	43	19	2.46	< 10	< 1	0.03	10	0.62	250
531-DM-824	201 229	8	0.2	1.17	16	20	< 0.5	< 2	0.48	< 0.5	8	37	218	2.00	< 10	< 1	0.02	20	0.47	220
531-DM-825	201 229	6	< 0.2	1.37	< 2	30	< 0.5	< 2	0.31	< 0.5	6	30	13	1.53	< 10	< 1	0.03	10	0.41	150
531-DM-826	201 229	12	< 0.2	2.04	< 2	60	< 0.5	< 2	0.32	< 0.5	12	41	34	2.56	< 10	< 1	0.02	10	0.61	255
531-DM-827	201 229	9	< 0.2	1.61	< 2	60	< 0.5	< 2	0.37	< 0.5	8	37	29	1.82	< 10	< 1	0.02	20	0.44	270
531-DM-828	201 229	2	< 0.2	1.26	< 2	60	< 0.5	2	0.41	< 0.5	7	31	14	1.61	< 10	< 1	0.08	10	0.46	200
531-DM-829	201 229	2	< 0.2	1.09	< 2	40	< 0.5	< 2	0.31	< 0.5	6	32	13	1.48	< 10	< 1	0.04	10	0.37	150
531-DM-830	201 229	3	0.2	1.36	< 2	60	0.5	2	0.54	< 0.5	9	44	17	1.96	< 10	< 1	0.13	20	0.57	250
531-DM-831	201 229	3	< 0.2	1.94	< 2	120	0.5	< 2	0.64	< 0.5	11	52	20	2.45	10	< 1	0.22	30	0.66	260
531-DM-832	201 229	9	< 0.2	1.17	< 2	80	< 0.5	< 2	0.55	< 0.5	8	38	13	1.62	< 10	< 1	0.15	20	0.43	275
531-DM-833	201 229	< 1	< 0.2	1.19	< 2	50	< 0.5	< 2	0.49	< 0.5	7	37	10	1.65	< 10	< 1	0.13	20	0.48	190
531-DM-834	201 229	11	< 0.2	0.70	< 2	20	< 0.5	< 2	0.18	< 0.5	4	30	6	1.52	< 10	< 1	0.03	10	0.22	105
531-DM-835	201 229	1	< 0.2	2.37	< 2	120	0.5	2	0.54	< 0.5	11	61	24	2.71	10	< 1	0.28	20	0.86	315
531-DM-836	201 229	3	< 0.2	3.33	< 2	170	1.0	< 2	0.52	< 0.5	14	82	33	3.73	10	< 1	0.45	30	1.10	390
531-DM-837	201 229	7	< 0.2	1.94	< 2	90	0.5	< 2	0.35	< 0.5	10	45	12	2.20	< 10	1	0.20	10	0.61	300
531-DM-838	201 229	6	< 0.2	1.80	< 2	90	0.5	< 2	0.46	< 0.5	9	47	18	2.25	< 10	< 1	0.25	20	0.62	250
531-DM-839	201 229	< 1	< 0.2	1.46	< 2	60	< 0.5	2	0.36	< 0.5	6	35	13	1.66	< 10	< 1	0.13	20	0.46	155
531-DM-840	201 229	< 1	< 0.2	0.64	< 2	20	< 0.5	< 2	0.28	< 0.5	3	21	2	0.85	< 10	< 1	0.06	10	0.26	100
531-DM-841	201 229	2	< 0.2	1.15	< 2	40	< 0.5	< 2	0.33	< 0.5	5	29	6	1.34	< 10	< 1	0.12	10	0.44	150
531-DM-842	201 229	3	< 0.2	1.82	4	60	< 0.5	< 2	0.29	< 0.5	11	61	20	2.40	< 10	< 1	0.07	10	0.63	185
531-DM-843	201 229	3	< 0.2	1.69	< 2	50	< 0.5	< 2	0.18	< 0.5	7	38	8	1.94	< 10	< 1	0.04	10	0.33	115
531-DM-844	201 229	< 1	< 0.2	1.56	6	30	< 0.5	< 2	0.24	< 0.5	6	35	19	2.02	< 10	< 1	0.04	10	0.32	125
531-DM-845	201 229	7	< 0.2	1.26	4	30	< 0.5	2	0.44	< 0.5	11	49	58	1.93	< 10	< 1	0.04	60	0.49	145
531-DM-846	201 229	8	< 0.2	1.31	< 2	30	< 0.5	< 2	0.25	< 0.5	8	42	17	2.32	< 10	< 1	0.21	10	0.52	225
531-DM-847	201 229	3	< 0.2	1.57	< 2	40	< 0.5	< 2	0.21	< 0.5	8	30	14	1.91	< 10	1	0.04	10	0.19	110
531-DM-848	201 229	2	< 0.2	1.81	< 2	80	< 0.5	< 2	0.36	< 0.5	8	40	24	2.46	10	< 1	0.07	10	0.39	275
531-DM-849	201 229	1	< 0.2	1.19	< 2	50	< 0.5	< 2	0.25	< 0.5	10	33	28	1.98	< 10	< 1	0.04	10	0.51	290
531-DM-850	201 229	1	< 0.2	2.22	< 2	70	0.5	< 2	0.25	< 0.5	24	69	43	3.17	< 10	< 1	0.08	10	0.86	445
531-DM-851	201 229	< 1	< 0.2	1.06	< 2	30	< 0.5	< 2	0.22	< 0.5	6	31	13	1.27	< 10	< 1	0.05	10	0.33	140
531-DM-852	201 229	3	< 0.2	1.07	< 2	60	< 0.5	< 2	0.39	< 0.5	4	32	6	1.34	< 10	1	0.12	10	0.36	250
531-DM-853	201 229	1	< 0.2	1.24	< 2	50	< 0.5	< 2	0.41	< 0.5	7	36	9	1.60	< 10	< 1	0.17	10	0.48	205

CERTIFICATION:

*Handwritten signature*



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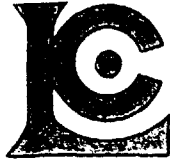
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-814	201 229	< 1	0.01	12	300	2	< 2	2	13	0.09	< 10	< 10	27	< 10	26
531-DM-815	201 229	< 1	< 0.01	13	930	8	< 2	2	13	0.10	< 10	< 10	33	< 10	72
531-DM-816	201 229	< 1	0.01	22	220	6	< 2	5	24	0.11	< 10	< 10	46	< 10	46
531-DM-817	201 229	< 1	0.02	16	170	4	< 2	3	25	0.12	< 10	< 10	38	< 10	42
531-DM-818	201 229	< 1	0.01	12	780	4	< 2	2	15	0.10	< 10	< 10	35	< 10	32
531-DM-819	201 229	< 1	0.01	15	290	4	< 2	2	14	0.12	< 10	< 10	35	< 10	22
531-DM-820	201 229	< 1	< 0.01	20	420	4	< 2	2	12	0.10	< 10	< 10	34	< 10	22
531-DM-821	201 229	< 1	< 0.01	21	630	6	< 2	2	12	0.12	< 10	< 10	50	< 10	44
531-DM-822	201 229	< 1	< 0.01	9	210	4	< 2	1	8	0.07	< 10	< 10	27	< 10	40
531-DM-823	201 229	< 1	0.01	20	430	6	< 2	3	15	0.17	< 10	< 10	47	< 10	52
531-DM-824	201 229	< 1	0.01	26	330	4	< 2	3	17	0.15	< 10	< 10	35	< 10	28
531-DM-825	201 229	< 1	0.01	13	220	2	< 2	2	20	0.13	< 10	< 10	34	< 10	26
531-DM-826	201 229	< 1	< 0.01	25	260	6	< 2	3	12	0.13	< 10	< 10	48	< 10	46
531-DM-827	201 229	< 1	0.01	17	270	4	< 2	3	11	0.09	< 10	< 10	31	< 10	46
531-DM-828	201 229	< 1	0.01	15	280	4	< 2	3	17	0.08	< 10	< 10	31	< 10	34
531-DM-829	201 229	< 1	0.01	13	500	6	< 2	2	13	0.09	< 10	< 10	29	< 10	26
531-DM-830	201 229	< 1	0.01	22	450	6	< 2	4	22	0.11	< 10	< 10	41	< 10	36
531-DM-831	201 229	< 1	0.02	30	410	16	< 2	6	26	0.10	< 10	< 10	47	< 10	50
531-DM-832	201 229	< 1	0.01	20	560	6	< 2	3	19	0.10	< 10	< 10	32	< 10	34
531-DM-833	201 229	< 1	0.01	17	280	4	< 2	3	22	0.12	< 10	< 10	34	< 10	32
531-DM-834	201 229	< 1	< 0.01	13	650	2	< 2	1	10	0.07	< 10	< 10	27	< 10	28
531-DM-835	201 229	< 1	0.02	30	530	12	< 2	7	38	0.13	< 10	< 10	54	< 10	62
531-DM-836	201 229	< 1	0.02	40	290	18	< 2	9	38	0.12	< 10	< 10	74	< 10	84
531-DM-837	201 229	< 1	0.01	20	220	6	< 2	4	26	0.10	< 10	< 10	45	< 10	44
531-DM-838	201 229	< 1	0.02	22	510	6	< 2	5	28	0.11	< 10	< 10	47	< 10	42
531-DM-839	201 229	< 1	0.01	15	560	4	< 2	4	20	0.09	< 10	< 10	31	< 10	32
531-DM-840	201 229	< 1	0.01	7	320	< 2	< 2	2	18	0.08	< 10	< 10	20	< 10	16
531-DM-841	201 229	< 1	0.01	13	330	4	< 2	3	22	0.10	< 10	< 10	30	< 10	26
531-DM-842	201 229	< 1	0.01	41	460	6	< 2	3	17	0.14	< 10	< 10	46	< 10	38
531-DM-843	201 229	< 1	0.01	20	300	4	< 2	2	14	0.12	< 10	< 10	39	< 10	42
531-DM-844	201 229	< 1	0.01	18	650	4	< 2	2	13	0.11	< 10	< 10	38	< 10	30
531-DM-845	201 229	< 1	0.01	113	100	4	< 2	4	31	0.16	< 10	< 10	37	< 10	32
531-DM-846	201 229	< 1	0.01	24	340	4	< 2	3	13	0.15	< 10	< 10	46	< 10	26
531-DM-847	201 229	< 1	0.01	23	980	4	< 2	1	13	0.10	< 10	< 10	34	< 10	32
531-DM-848	201 229	< 1	< 0.01	19	1140	12	< 2	2	14	0.10	< 10	< 10	45	< 10	88
531-DM-849	201 229	< 2	< 0.01	14	520	6	< 2	2	13	0.12	< 10	< 10	38	< 10	52
531-DM-850	201 229	< 1	0.01	37	660	6	< 2	5	16	0.14	< 10	< 10	58	< 10	78
531-DM-851	201 229	< 1	< 0.01	13	380	2	< 2	2	14	0.11	< 10	< 10	28	< 10	34
531-DM-852	201 229	< 1	0.01	12	380	2	< 2	2	19	0.09	< 10	< 10	30	< 10	24
531-DM-853	201 229	< 1	0.01	18	440	8	< 2	3	25	0.11	< 10	< 10	35	< 10	34

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531-DM-854	201 229	1 < 0.2	1.79	< 2	80 < 0.5	< 2	0.37 < 0.5	6	46	21	2.20 < 10	< 1	0.17	10	0.56	215				
531-DM-855	201 229	37 < 0.2	1.22	< 2	30 < 0.5	< 2	0.26 < 0.5	7	38	9	1.99 < 10	< 1	0.06	< 10	0.25	95				
531-DM-856	201 229	11 < 0.2	0.95	< 2	40 < 0.5	< 2	0.16 < 0.5	4	24	5	1.48 < 10	< 1	0.04	< 10	0.21	75				
531-DM-857	201 229	5 < 0.2	1.97	< 2	80 < 0.5	< 2	0.32 < 0.5	12	57	27	2.91 < 10	< 1	0.08	< 10	0.57	270				
531-DM-858	201 229	23 < 0.2	0.78	< 2	30 < 0.5	< 2	0.15 < 0.5	4	35	7	1.69 < 10	< 1	0.06	< 10	0.34	100				
531-DM-859	201 229	2 < 0.2	5.21	< 2	70 < 0.5	< 2	1.17 < 0.5	34	162	68	7.02 < 10	< 1	0.13	10	4.53	1345				
531-DM-860	201 229	< 1 < 0.2	0.91	< 2	20 < 0.5	< 2	0.25 < 0.5	4	25	7	1.15 < 10	< 1	0.05	< 10	0.32	100				
531-DM-861	201 229	< 1 < 0.2	1.00	< 2	30 < 0.5	< 2	0.27 < 0.5	4	25	6	1.31 < 10	2	0.06	< 10	0.31	125				
531-DM-862	201 229	< 1 < 0.2	0.69	< 2	20 < 0.5	< 2	0.18 < 0.5	3	19	8	1.02 < 10	< 1	0.03	< 10	0.20	80				
531-DM-863	201 229	2 < 0.2	0.83	4	20 < 0.5	2	0.21 < 0.5	5	31	15	1.71 < 10	< 1	0.03	< 10	0.31	115				
531-DM-864	201 229	22 < 0.2	1.04	< 2	30 < 0.5	< 2	0.48 < 0.5	6	40	16	1.57 < 10	< 1	0.07	10	0.54	190				
531-DM-865	201 229	< 1 < 0.2	2.04	< 2	150 < 0.5	< 2	0.71 < 0.5	7	52	25	2.31 < 10	< 1	0.19	40	0.63	330				
531-DM-866	201 229	< 1 < 0.2	2.11	< 2	120 < 0.5	< 2	0.55 < 0.5	10	52	28	2.59 < 10	< 1	0.27	30	0.73	280				
531-DM-867	201 229	1 < 0.2	1.05	< 2	30 < 0.5	< 2	0.28 < 0.5	4	31	9	1.52 < 10	< 1	0.07	10	0.33	135				
531-DM-868	201 229	5 < 0.2	1.27	4	40 < 0.5	< 2	0.15 < 0.5	3	22	7	1.49 < 10	< 1	0.03	< 10	0.19	90				
531-DM-869	201 229	< 1 < 0.2	1.70	< 2	100 < 0.5	< 2	0.33 < 0.5	6	43	21	1.96 < 10	< 1	0.13	20	0.63	185				
531-DM-870	201 229	8 < 0.2	1.16	< 2	20 < 0.5	< 2	0.09 < 0.5	3	22	9	1.37 < 10	< 1	0.02	< 10	0.19	70				
531-DM-871	201 229	4 < 0.2	1.57	< 2	50 < 0.5	< 2	0.20 < 0.5	7	41	12	2.71 < 10	< 1	0.06	< 10	0.36	135				
531-DM-872	201 229	12 < 0.2	0.88	< 2	30 < 0.5	< 2	0.15 < 0.5	5	23	10	1.29 < 10	< 1	0.03	< 10	0.23	85				
531-DM-873	201 229	5 < 0.2	0.50	< 2	20 < 0.5	< 2	0.24 < 0.5	2	16	3	0.66 < 10	< 1	0.01	< 10	0.16	65				
531-DM-874	201 229	< 1 < 0.2	0.60	< 2	10 < 0.5	< 2	0.17 < 0.5	2	14	3	0.68 < 10	< 1	0.02	< 10	0.16	60				
531-DM-875	201 229	< 1 < 0.2	2.24	< 2	110 < 0.5	< 2	0.43 < 0.5	7	58	31	2.71 < 10	< 1	0.19	30	0.74	270				
531-DM-876	201 229	< 1 < 0.2	0.82	< 2	20 < 0.5	< 2	0.25 < 0.5	2	24	6	1.01 < 10	< 1	0.06	< 10	0.28	100				
531-DM-877	201 229	< 1 < 0.2	1.47	< 2	80 < 0.5	< 2	0.37 < 0.5	5	36	13	1.75 < 10	< 1	0.19	10	0.47	160				
531-DM-878	201 229	1 < 0.2	0.69	< 2	30 < 0.5	< 2	0.26 < 0.5	3	22	4	1.02 < 10	< 1	0.08	< 10	0.27	145				
531-DM-879	201 229	8 < 0.2	0.71	< 2	30 < 0.5	< 2	0.24 < 0.5	3	25	4	1.08 < 10	< 1	0.09	< 10	0.28	170				
531-DM-880	201 229	3 < 0.2	1.46	< 2	90 < 0.5	< 2	0.55 < 0.5	6	42	18	1.98 < 10	< 1	0.19	20	0.52	195				
531-DM-881	201 229	< 1 < 0.2	2.24	< 2	130 < 0.5	< 2	0.67 < 0.5	10	66	20	2.59 < 10	< 1	0.27	20	0.76	220				
531-DM-882	201 229	1 < 0.2	1.58	< 2	100 < 0.5	< 2	0.59 < 0.5	8	45	16	1.97 < 10	< 1	0.21	20	0.52	155				
531-DM-883	201 229	< 1 < 0.2	1.07	< 2	80 < 0.5	< 2	0.35 < 0.5	6	31	10	1.45 < 10	< 1	0.13	10	0.37	255				
531-DM-884	201 229	2 < 0.2	0.73	< 2	40 < 0.5	< 2	0.17 < 0.5	3	19	6	0.94 < 10	< 1	0.07	< 10	0.26	250				
531-DM-885	201 229	< 1 < 0.2	1.12	< 2	60 < 0.5	< 2	0.25 < 0.5	6	34	11	1.50 < 10	< 1	0.15	10	0.42	255				
531-DM-886	201 229	< 1 < 0.2	1.72	< 2	70 < 0.5	< 2	0.24 < 0.5	8	43	14	2.08 < 10	< 1	0.16	10	0.55	225				
531-DM-887	201 229	< 1 < 0.2	1.03	< 2	30 < 0.5	< 2	0.21 < 0.5	4	23	7	1.16 < 10	< 1	0.03	< 10	0.26	95				
531-DM-888	201 229	< 1 < 0.2	2.40	< 2	110 < 0.5	< 2	0.36 < 0.5	8	56	27	2.76 < 10	< 1	0.32	20	0.78	250				
531-DM-889	201 229	9 < 0.2	0.74	< 2	40 < 0.5	< 2	0.28 < 0.5	3	22	7	1.00 < 10	< 1	0.10	10	0.28	170				
531-DM-890	201 229	6 < 0.2	0.95	< 2	30 < 0.5	< 2	0.34 < 0.5	4	32	10	1.36 < 10	< 1	0.07	10	0.43	180				
531-DM-891	201 229	< 1 < 0.2	0.70	< 2	20 < 0.5	< 2	0.30 < 0.5	2	23	6	1.04 < 10	< 1	0.02	< 10	0.24	85				

CERTIFICATION:



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To: PLACER DOME CANADA LIMITED

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Project: 531  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 3-B  
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 Certificate Date: 02-AUG-95  
 Invoice No. : 19522645  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9522645

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-854	201 229	< 1	0.02	20	310	6	< 2	5	24	0.09	< 10	< 10	47	< 10	34
531-DM-855	201 229	< 1	< 0.01	22	770	< 2	< 2	2	15	0.09	< 10	< 10	36	< 10	28
531-DM-856	201 229	< 1	< 0.01	12	660	< 2	< 2	1	10	0.07	< 10	< 10	28	< 10	28
531-DM-857	201 229	< 1	< 0.01	41	1230	< 2	< 4	2	17	0.10	< 10	< 10	51	< 10	70
531-DM-858	201 229	< 1	< 0.01	14	210	< 2	< 2	1	9	0.09	< 10	< 10	33	< 10	40
531-DM-859	201 229	< 1	0.04	69	330	< 2	< 2	18	17	0.16	< 10	< 10	161	< 10	56
531-DM-860	201 229	< 1	0.01	13	180	< 2	< 2	1	14	0.10	< 10	< 10	27	< 10	20
531-DM-861	201 229	< 1	0.01	11	250	< 2	< 2	2	18	0.10	< 10	< 10	28	< 10	34
531-DM-862	201 229	< 1	< 0.01	9	240	< 2	< 2	1	11	0.09	< 10	< 10	24	< 10	16
531-DM-863	201 229	< 1	0.01	19	370	< 2	< 2	1	12	0.10	< 10	< 10	37	< 10	22
531-DM-864	201 229	< 1	0.01	18	680	< 2	< 2	3	22	0.11	< 10	< 10	36	< 10	38
531-DM-865	201 229	< 1	0.01	31	650	< 2	< 2	6	26	0.09	< 10	< 10	43	< 10	46
531-DM-866	201 229	< 1	0.02	28	460	< 2	< 2	7	34	0.09	< 10	< 10	55	< 10	50
531-DM-867	201 229	< 1	0.01	13	530	< 2	< 2	2	17	0.10	< 10	< 10	33	< 10	26
531-DM-868	201 229	< 1	< 0.01	10	510	< 4	< 2	1	12	0.07	< 10	< 10	29	< 10	32
531-DM-869	201 229	< 1	0.02	20	230	< 4	< 2	4	24	0.09	< 10	< 10	36	< 10	40
531-DM-870	201 229	< 1	< 0.01	11	490	< 2	< 2	1	6	0.05	< 10	< 10	24	< 10	24
531-DM-871	201 229	< 1	< 0.01	19	1790	< 6	< 2	2	16	0.08	< 10	< 10	47	< 10	36
531-DM-872	201 229	< 1	< 0.01	10	270	< 2	< 2	1	10	0.09	< 10	< 10	26	< 10	16
531-DM-873	201 229	< 1	0.01	7	360	< 4	< 2	1	12	0.08	< 10	< 10	19	< 10	8
531-DM-874	201 229	< 1	< 0.01	5	180	< 2	< 2	1	12	0.08	< 10	< 10	17	< 10	8
531-DM-875	201 229	< 1	0.02	27	350	< 2	< 2	7	33	0.11	< 10	< 10	57	< 10	46
531-DM-876	201 229	< 1	0.01	9	350	< 2	< 2	2	18	0.08	< 10	< 10	24	< 10	20
531-DM-877	201 229	< 1	0.01	17	670	< 4	< 2	4	21	0.09	< 10	< 10	34	< 10	34
531-DM-878	201 229	< 1	0.01	9	290	< 2	< 2	2	18	0.09	< 10	< 10	24	< 10	30
531-DM-879	201 229	< 1	0.01	10	300	< 2	< 2	2	15	0.09	< 10	< 10	25	< 10	32
531-DM-880	201 229	< 1	0.02	22	590	< 4	< 2	4	23	0.09	< 10	< 10	39	< 10	36
531-DM-881	201 229	< 1	0.01	32	280	< 6	< 2	6	28	0.09	< 10	< 10	45	< 10	56
531-DM-882	201 229	< 1	0.01	24	320	< 6	< 2	4	23	0.06	< 10	< 10	32	< 10	44
531-DM-883	201 229	< 1	0.01	19	240	< 6	< 2	3	16	0.06	< 10	< 10	27	< 10	32
531-DM-884	201 229	< 1	< 0.01	9	140	< 2	< 2	1	10	0.05	< 10	< 10	19	< 10	24
531-DM-885	201 229	< 1	0.01	16	210	< 4	< 2	2	15	0.07	< 10	< 10	30	< 10	32
531-DM-886	201 229	< 1	0.01	20	160	< 6	< 2	4	20	0.09	< 10	< 10	42	< 10	44
531-DM-887	201 229	< 1	0.01	10	370	< 2	< 2	2	14	0.09	< 10	< 10	26	< 10	28
531-DM-888	201 229	< 1	0.02	27	310	< 4	< 2	7	31	0.10	< 10	< 10	57	< 10	52
531-DM-889	201 229	< 1	0.01	10	140	< 2	< 2	2	19	0.10	< 10	< 10	25	< 10	22
531-DM-890	201 229	< 1	0.01	14	240	< 2	< 2	2	19	0.12	< 10	< 10	34	< 10	26
531-DM-891	201 229	< 1	0.01	9	520	< 2	< 2	1	16	0.09	< 10	< 10	23	< 10	12

CERTIFICATION: *Hutchinson*



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To: PLACER DOME CANADA LIMITED

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Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-A  
 Total Pages : 4  
 Certificate Date: 17-AUG-95  
 Invoice No. : 19523853  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523853

SAMPLE	PREP		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-DM-892	217	229	< 1	0.4	2.36	2	110	0.5	< 2	0.37	< 0.5	13	61	22	2.88	10	< 1	0.34	20	0.82	370
531-DM-893	201	229	1	0.2	0.86	2	40	< 0.5	< 2	0.22	< 0.5	4	25	5	1.22	< 10	< 1	0.12	10	0.38	160
531-DM-894	217	229	< 1	0.4	3.21	2	200	1.0	< 2	0.67	< 0.5	19	86	51	4.03	10	< 1	0.57	60	1.34	825
531-DM-895	217	229	2	0.2	2.59	2	140	1.0	< 2	0.52	< 0.5	13	63	33	3.02	10	< 1	0.28	30	0.83	480
531-DM-896	201	229	4	< 0.2	1.08	2	40	< 0.5	< 2	0.49	< 0.5	5	31	214	1.52	< 10	< 1	0.07	20	0.43	140
531-DM-897	201	229	6	0.2	2.54	2	80	0.5	< 2	0.21	< 0.5	9	39	30	3.12	10	< 1	0.07	10	0.50	175
531-DM-898	217	229	< 1	0.4	2.72	2	120	0.5	< 2	0.45	< 0.5	12	65	31	3.15	10	< 1	0.29	40	0.97	285
531-DM-899	201	229	1	0.2	1.21	2	50	< 0.5	< 2	0.19	< 0.5	5	30	9	1.48	< 10	< 1	0.12	10	0.45	225
531-DM-900	201	229	< 1	0.2	3.37	2	150	1.0	< 2	0.45	< 0.5	14	77	36	3.72	10	< 1	0.44	30	1.11	435
531-DM-901	201	229	17	0.2	1.26	4	20	< 0.5	< 2	0.23	< 0.5	7	34	19	2.03	< 10	< 1	0.04	10	0.40	150
531-DM-902	217	229	< 1	< 0.2	1.81	2	70	0.5	< 2	0.58	< 0.5	9	98	41	2.12	10	< 1	0.17	20	0.58	385
531-DM-903	201	229	1	0.2	1.59	2	80	0.5	< 2	0.41	< 0.5	6	33	15	1.83	< 10	< 1	0.10	20	0.42	215
531-DM-904	201	229	2	< 0.2	1.43	4	60	< 0.5	< 2	0.21	< 0.5	9	35	14	2.02	< 10	< 1	0.05	10	0.38	165
531-DM-905	201	229	4	< 0.2	0.90	2	30	< 0.5	< 2	0.21	< 0.5	4	23	4	0.81	< 10	< 1	0.03	10	0.18	60
531-DM-906	201	229	1	< 0.2	0.73	2	20	< 0.5	< 2	0.20	< 0.5	4	20	15	0.74	< 10	< 1	0.02	10	0.21	65
531-DM-907	201	229	1	< 0.2	0.55	2	20	< 0.5	< 2	0.30	< 0.5	3	27	9	1.02	< 10	< 1	0.03	20	0.24	70
531-DM-908	201	229	11	0.2	1.10	2	30	< 0.5	< 2	0.24	< 0.5	5	28	7	1.27	< 10	< 1	0.03	10	0.39	120
531-DM-909	201	229	< 1	0.2	2.29	2	80	< 0.5	< 2	0.20	< 0.5	11	38	16	2.52	10	< 1	0.04	10	0.55	200
531-DM-910	201	229	1	0.2	1.43	4	60	< 0.5	< 2	0.18	< 0.5	7	39	9	2.23	10	< 1	0.06	10	0.33	125
531-DM-911	201	229	11	0.2	1.18	4	40	< 0.5	< 2	0.21	< 0.5	9	42	8	2.19	< 10	< 1	0.06	10	0.41	160
531-DM-912	217	229	< 1	0.2	2.00	2	90	< 0.5	2	0.48	< 0.5	12	92	16	2.36	< 10	1	0.24	20	0.76	365
531-DM-913	217	229	< 1	0.2	0.85	6	50	< 0.5	2	0.22	< 0.5	22	135	7	1.87	< 10	< 1	0.09	10	0.42	950
531-DM-914	217	229	< 1	0.2	1.35	2	80	< 0.5	< 2	0.36	< 0.5	12	183	8	2.41	< 10	1	0.27	10	0.96	495
531-DM-915	217	229	< 1	0.2	2.85	4	140	0.5	< 2	0.77	< 0.5	44	548	43	3.53	10	1	0.06	10	1.75	1160
531-DM-916	201	229	1	0.2	1.35	6	60	< 0.5	< 2	0.24	< 0.5	9	42	24	2.08	< 10	< 1	0.03	10	0.50	235
531-DM-917	217	229	1	0.2	1.09	2	60	< 0.5	2	0.21	< 0.5	12	169	9	2.09	< 10	< 1	0.14	10	0.71	500
531-DM-918	201	229	250	< 0.2	1.02	4	40	< 0.5	2	0.19	< 0.5	8	33	12	1.45	< 10	< 1	0.02	10	0.32	150
531-DM-919	201	229	3	0.2	1.22	8	70	< 0.5	2	0.23	< 0.5	13	45	12	2.01	< 10	< 1	0.06	10	0.44	600
531-DM-920	201	229	6	< 0.2	0.81	2	20	< 0.5	< 2	0.19	< 0.5	5	27	13	1.29	< 10	< 1	0.02	10	0.30	105
531-DM-921	217	229	3	< 0.2	1.20	4	60	< 0.5	2	0.27	< 0.5	9	150	8	2.10	< 10	< 1	0.21	10	0.73	275
531-DM-922	201	229	3	0.4	3.19	20	180	1.0	< 2	0.74	< 0.5	36	122	202	4.89	10	< 1	0.06	60	0.54	695
531-DM-923	217	229	2	0.2	1.61	4	90	0.5	2	0.61	< 0.5	23	177	24	2.87	10	< 1	0.08	20	0.48	1740
531-DM-924	201	229	< 1	< 0.2	0.44	4	10	< 0.5	< 2	0.16	< 0.5	2	15	3	0.81	< 10	< 1	< 0.01	10	0.09	30
531-DM-925	201	229	< 1	< 0.2	0.59	2	10	< 0.5	< 2	0.08	< 0.5	1	20	1	1.10	< 10	< 1	0.01	< 10	0.05	35
531-DM-926	201	229	15	< 0.2	0.63	4	20	< 0.5	< 2	0.16	< 0.5	3	22	4	1.50	< 10	< 1	0.01	< 10	0.11	55
531-DM-927	201	229	< 1	< 0.2	0.75	2	20	< 0.5	< 2	0.15	< 0.5	4	21	1	1.34	< 10	< 1	0.02	10	0.10	70
531-DM-928	201	229	< 1	< 0.2	0.71	2	20	< 0.5	< 2	0.20	< 0.5	2	24	3	1.17	< 10	< 1	0.02	10	0.12	50
531-DM-929	201	229	4	< 0.2	0.72	2	20	< 0.5	2	0.26	< 0.5	6	33	32	1.22	< 10	< 1	0.02	10	0.34	125
531-DM-930	201	229	1	< 0.2	0.81	2	20	< 0.5	< 2	0.27	< 0.5	5	37	15	0.99	< 10	< 1	0.01	10	0.28	75
531-DM-931	201	229	2	0.2	1.28	2	50	< 0.5	2	0.20	< 0.5	11	55	13	1.99	< 10	< 1	0.02	10	0.29	200

CERTIFICATION: \_\_\_\_\_



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 Invoice No. :I9523853  
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 Account :GKQ

## CERTIFICATE OF ANALYSIS A9523853

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-892	217 229	< 1	0.01	25	280	12	2	6	25	0.07	< 10	< 10	53	< 10	56
531-DM-893	201 229	< 1	0.01	11	330	6	< 2	2	16	0.06	< 10	< 10	24	< 10	30
531-DM-894	217 229	< 1	0.05	47	460	18	2	10	35	0.11	< 10	< 10	73	< 10	90
531-DM-895	217 229	< 1	0.02	31	460	8	< 2	7	28	0.08	< 10	< 10	54	< 10	62
531-DM-896	201 229	< 1	0.01	17	900	< 2	< 2	4	15	0.08	< 10	< 10	36	< 10	30
531-DM-897	201 229	1	< 0.01	22	560	10	2	3	15	0.09	< 10	< 10	64	< 10	98
531-DM-898	217 229	< 1	0.03	32	400	8	4	7	37	0.12	< 10	< 10	61	< 10	60
531-DM-899	201 229	< 1	0.01	13	240	4	< 2	3	19	0.08	< 10	< 10	31	< 10	30
531-DM-900	201 229	< 1	0.02	36	190	8	< 2	9	35	0.11	< 10	< 10	71	< 10	78
531-DM-901	201 229	< 1	< 0.01	18	360	4	< 2	2	13	0.11	< 10	< 10	45	< 10	38
531-DM-902	217 229	< 1	0.03	28	560	< 2	2	4	22	0.11	< 10	< 10	44	< 10	40
531-DM-903	201 229	< 1	0.01	19	350	6	2	3	19	0.08	< 10	< 10	41	< 10	38
531-DM-904	201 229	< 1	< 0.01	20	530	2	< 2	2	12	0.09	< 10	< 10	39	< 10	74
531-DM-905	201 229	< 1	< 0.01	15	340	2	< 2	1	9	0.07	< 10	< 10	18	< 10	18
531-DM-906	201 229	< 1	< 0.01	18	260	4	< 2	1	8	0.07	< 10	< 10	17	< 10	14
531-DM-907	201 229	< 1	< 0.01	14	370	4	< 2	2	11	0.07	< 10	< 10	20	< 10	14
531-DM-908	201 229	< 1	0.01	17	350	6	< 2	2	12	0.10	< 10	< 10	29	< 10	24
531-DM-909	201 229	1	< 0.01	27	170	8	< 2	3	14	0.14	< 10	< 10	53	< 10	62
531-DM-910	201 229	1	< 0.01	19	1270	6	< 2	2	12	0.08	< 10	< 10	39	< 10	36
531-DM-911	201 229	1	< 0.01	22	320	8	< 2	2	14	0.12	< 10	< 10	43	< 10	30
531-DM-912	217 229	1	0.03	28	350	8	2	4	29	0.11	< 10	< 10	47	< 10	50
531-DM-913	217 229	< 1	0.03	23	190	8	< 2	2	18	0.08	< 10	< 10	34	< 10	24
531-DM-914	217 229	1	0.04	54	590	2	2	3	23	0.11	< 10	< 10	42	< 10	50
531-DM-915	217 229	< 1	0.04	201	570	6	4	4	27	0.13	< 10	< 10	60	10	86
531-DM-916	201 229	1	< 0.01	42	210	6	2	2	14	0.13	< 10	< 10	51	< 10	38
531-DM-917	217 229	< 1	0.04	31	250	2	2	3	15	0.07	< 10	< 10	42	< 10	38
531-DM-918	201 229	< 1	< 0.01	29	280	4	< 2	1	9	0.06	< 10	< 10	31	< 10	24
531-DM-919	201 229	1	< 0.01	29	410	6	< 2	2	15	0.06	< 10	< 10	38	< 10	44
531-DM-920	201 229	< 1	< 0.01	21	210	4	2	1	8	0.06	< 10	< 10	27	< 10	22
531-DM-921	217 229	< 1	0.04	37	480	6	2	3	15	0.09	< 10	< 10	40	< 10	42
531-DM-922	201 229	1	0.01	204	410	16	4	6	33	0.06	< 10	< 10	86	< 10	40
531-DM-923	217 229	3	0.04	81	340	8	4	3	32	0.09	< 10	< 10	55	< 10	32
531-DM-924	201 229	< 1	< 0.01	10	350	2	2	< 1	7	0.06	< 10	< 10	26	< 10	6
531-DM-925	201 229	< 1	< 0.01	5	200	6	2	< 1	4	0.06	< 10	< 10	23	< 10	6
531-DM-926	201 229	1	< 0.01	9	1170	8	2	1	7	0.06	< 10	< 10	30	< 10	16
531-DM-927	201 229	< 1	< 0.01	12	1100	6	2	1	6	0.04	< 10	< 10	25	< 10	14
531-DM-928	201 229	1	< 0.01	10	560	2	2	1	8	0.06	< 10	< 10	21	< 10	12
531-DM-929	201 229	1	0.01	42	250	6	2	2	11	0.08	< 10	< 10	28	< 10	22
531-DM-930	201 229	1	< 0.01	40	90	10	4	1	12	0.07	< 10	< 10	24	< 10	22
531-DM-931	201 229	< 1	< 0.01	36	270	10	4	2	12	0.11	< 10	< 10	43	< 10	36

CERTIFICATION: Stuart Deveau



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 2-A  
Total Pages : 4  
Certificate Date: 17-AUG-95  
Invoice No. : I9523853  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9523853

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-932	201 229	1 < 0.2	1.30	8	30 < 0.5	6	0.16 < 0.5	7	38	14	1.87 < 10	< 1	0.03 < 10	0.47	145					
531-DM-933	201 229	< 1 < 0.2	0.95	< 2	60 < 0.5	2	0.33 < 0.5	3	24	14	1.22 < 10	< 1	0.02 < 10	0.26	60					
531-DM-934	201 229	5 < 0.2	2.65	10	60 < 0.5	2	0.28 < 0.5	16	64	79	3.07 < 10	< 1	0.03 < 10	0.66	240					
531-DM-935	201 229	1 < 0.2	4.09	10	100 < 0.5	< 2	0.39 < 0.5	26	141	90	4.88 < 10	< 1	0.04 < 10	1.08	325					
531-DM-936	201 229	< 1 < 0.2	4.71	8	230 < 0.5	6	1.07 < 0.5	57	192	136	5.46 < 10	< 1	0.06 < 10	1.68	1670					
531-DM-937	217 229	< 1 < 0.2	1.98	2	100 < 0.5	2	0.53 < 0.5	11	67	31	2.25 < 10	< 1	0.14 < 10	0.78	355					
531-DM-938	201 229	2 < 0.2	2.19	10	60 < 0.5	4	0.13 < 0.5	5	37	18	2.41 < 10	< 1	0.06 < 10	0.41	150					
531-DM-939	201 229	4 < 0.2	1.30	12	30 < 0.5	< 2	0.14 < 0.5	4	35	7	2.26 < 10	< 1	0.04 < 10	0.29	95					
531-DM-940	201 229	< 1 < 0.2	1.26	< 2	50 < 0.5	< 2	0.27 < 0.5	5	31	14	1.51 < 10	< 1	0.11 < 10	0.49	155					
531-DM-941	201 229	1 < 0.2	1.45	< 2	40 < 0.5	2	0.22 < 0.5	6	35	12	1.86 < 10	< 1	0.06 < 10	0.37	130					
531-DM-942	201 229	3 < 0.2	0.98	20	40 < 0.5	2	0.12 < 0.5	3	33	5	1.88 < 10	< 1	0.03 < 10	0.19	105					
531-DM-943	201 229	1 < 0.6	1.86	16	30 < 0.5	2	0.20 < 0.5	9	60	25	2.27 < 10	< 1	0.05 < 10	0.56	205					
531-DM-944	201 229	1 < 0.2	0.59	2	20 < 0.5	< 2	0.35 < 0.5	2	22	9	0.94 < 10	< 1	0.04 < 10	0.27	100					
531-DM-945	201 229	< 1 < 0.2	0.94	8	30 < 0.5	< 2	0.13 < 0.5	3	27	4	1.54 < 10	< 1	0.04 < 10	0.20	120					
531-DM-946	201 229	2 < 0.2	0.98	4	20 < 0.5	< 2	0.26 < 0.5	3	25	8	1.17 < 10	< 1	0.05 < 10	0.30	105					
531-DM-947	201 229	8 < 0.2	1.35	< 2	80 < 0.5	2	0.34 < 0.5	5	29	8	1.50 < 10	< 1	0.15 < 10	0.39	215					
531-DM-948	201 229	< 1 < 0.2	1.67	10	80 < 0.5	4	0.37 < 0.5	7	41	14	1.97 < 10	< 1	0.28 < 10	0.68	265					
531-DM-949	201 229	< 1 < 0.2	1.61	4	80 < 0.5	< 2	0.31 < 0.5	8	40	13	1.99 < 10	< 1	0.28 < 10	0.69	295					
531-DM-950	201 229	3 < 0.2	0.68	< 2	20 < 0.5	< 2	0.20 < 0.5	3	19	4	0.93 < 10	< 1	0.05 < 10	0.24	90					
531-DM-951	201 229	7 < 0.2	0.75	14	30 < 0.5	2	0.11 < 0.5	2	26	6	1.52 < 10	< 1	0.03 < 10	0.27	120					
531-DM-952	201 229	3 < 0.2	1.02	16	20 < 0.5	< 2	0.14 < 0.5	4	30	10	2.31 < 10	< 1	0.04 < 10	0.28	105					
531-DM-953	201 229	< 1 < 0.2	2.71	12	110 < 0.5	< 2	0.33 < 0.5	10	60	29	3.11 < 10	< 1	0.29 < 10	1.00	330					
531-DM-954	201 229	< 1 < 0.2	1.24	12	30 < 0.5	< 2	0.21 < 0.5	5	25	8	1.27 < 10	< 1	0.04 < 10	0.34	150					
531-DM-955	201 229	1 < 0.2	1.44	6	60 < 0.5	2	0.29 < 0.5	6	33	11	1.69 < 10	< 1	0.19 < 10	0.53	265					
531-DM-956	201 229	< 1 < 0.2	0.91	6	30 < 0.5	< 2	0.17 < 0.5	3	31	6	1.51 < 10	< 1	0.05 < 10	0.31	170					
531-DM-957	201 229	< 1 < 0.2	1.23	6	40 < 0.5	< 2	0.18 < 0.5	6	29	12	1.45 < 10	< 1	0.04 < 10	0.35	120					
531-DM-958	201 229	7 < 0.2	0.60	4	30 < 0.5	< 2	0.28 < 0.5	3	17	11	0.91 < 10	< 1	0.01 < 10	0.17	75					
531-DM-959	201 229	2 < 0.2	1.57	6	70 < 0.5	6	0.17 < 0.5	7	33	13	2.32 < 10	< 1	0.05 < 10	0.35	170					
531-DM-960	201 229	6 < 0.2	1.39	16	60 < 0.5	< 2	0.20 < 0.5	7	29	10	1.92 < 10	< 1	0.04 < 10	0.41	215					
531-DM-961	217 229	14 < 0.2	1.98	2	70 < 0.5	2	0.31 < 0.5	14	138	21	2.91 < 10	< 1	0.10 < 10	0.93	535					
531-DM-962	201 229	28 < 0.2	0.60	< 2	20 < 0.5	< 2	0.17 < 0.5	3	24	4	1.41 < 10	< 1	0.03 < 10	0.14	65					
531-DM-963	217 229	1 < 0.2	1.73	< 2	60 < 0.5	< 2	0.27 < 0.5	6	117	13	2.14 < 10	< 1	0.13 < 10	0.56	195					
531-DM-964	201 229	2 < 0.2	2.20	< 2	130 < 0.5	< 2	0.42 < 0.5	12	49	21	2.49 < 10	< 1	0.24 < 10	0.84	680					
531-DM-965	201 229	25 < 0.2	1.12	6	40 < 0.5	< 2	0.24 < 0.5	6	25	13	1.20 < 10	< 1	0.04 < 10	0.33	165					
531-DM-966	201 229	100 < 0.2	1.57	8	70 < 0.5	2	0.22 < 0.5	8	33	17	1.85 < 10	< 1	0.08 < 10	0.56	200					
531-DM-967	217 229	1 < 0.2	3.16	< 2	150 < 0.5	< 2	0.43 < 0.5	15	76	34	3.60 < 10	< 1	0.42 < 10	1.20	525					
531-DM-968	217 229	< 1 < 0.2	2.68	< 2	130 < 0.5	< 2	0.39 < 0.5	13	81	22	3.02 < 10	< 1	0.46 < 10	0.92	535					
531-DM-969	201 229	2 < 0.2	3.05	4	120 < 0.5	< 2	0.25 < 0.5	18	75	50	3.78 < 10	< 1	0.07 < 10	0.83	530					
531-DM-970	201 229	3 < 0.2	0.82	< 2	30 < 0.5	2	0.17 < 0.5	4	40	6	2.22 < 10	< 1	0.05 < 10	0.24	95					
531-DM-971	201 229	9 < 0.2	2.70	22	40 < 0.5	< 2	0.27 < 0.5	11	44	34	2.77 < 10	< 1	0.04 < 10	0.49	165					

CERTIFICATION:

*Handwritten signature*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 POV 1C0

Page Number :2-B  
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Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9523853</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-932	201 229	< 1	< 0.01	22	200	4	< 2	2	10	0.10	< 10	< 10	41	< 10	30
531-DM-933	201 229	< 1	< 0.01	14	520	4	< 2	2	13	0.03	< 10	< 10	23	< 10	18
531-DM-934	201 229	< 1	< 0.01	53	210	8	< 2	3	9	0.12	< 10	< 10	60	< 10	50
531-DM-935	201 229	< 1	0.01	53	380	14	< 2	7	8	0.10	< 10	< 10	117	< 10	90
531-DM-936	201 229	< 1	0.05	94	450	18	< 2	12	19	0.13	< 10	< 10	122	10	230
531-DM-937	217 229	< 1	0.03	23	450	8	2	6	24	0.11	< 10	< 10	49	< 10	44
531-DM-938	201 229	< 1	< 0.01	22	410	8	< 2	2	10	0.10	< 10	< 10	45	< 10	74
531-DM-939	201 229	< 1	< 0.01	14	530	6	< 2	1	10	0.09	< 10	< 10	43	< 10	32
531-DM-940	201 229	< 1	0.01	14	230	2	< 2	3	18	0.10	< 10	< 10	33	< 10	32
531-DM-941	201 229	< 1	< 0.01	18	570	4	< 2	2	14	0.09	< 10	< 10	37	< 10	40
531-DM-942	201 229	< 1	< 0.01	13	1540	6	2	1	10	0.04	< 10	< 10	32	< 10	22
531-DM-943	201 229	< 1	< 0.01	24	380	8	2	4	9	0.11	< 10	< 10	56	< 10	50
531-DM-944	201 229	< 1	< 0.01	11	590	4	< 2	1	16	0.06	< 10	< 10	21	< 10	22
531-DM-945	201 229	< 1	< 0.01	12	1070	4	< 2	1	7	0.06	< 10	< 10	27	< 10	20
531-DM-946	201 229	< 1	< 0.01	11	550	2	< 2	1	12	0.08	< 10	< 10	26	< 10	24
531-DM-947	201 229	< 1	0.01	14	350	2	< 2	3	15	0.07	< 10	< 10	31	< 10	34
531-DM-948	201 229	< 1	0.01	20	380	6	4	4	23	0.11	< 10	< 10	40	< 10	46
531-DM-949	201 229	< 1	0.01	20	340	4	< 2	4	19	0.10	< 10	< 10	40	< 10	50
531-DM-950	201 229	< 1	0.01	7	290	6	< 2	1	10	0.07	< 10	< 10	21	< 10	20
531-DM-951	201 229	< 1	< 0.01	14	300	6	< 2	1	7	0.06	< 10	< 10	27	< 10	26
531-DM-952	201 229	< 1	< 0.01	14	430	6	< 2	1	8	0.10	< 10	< 10	47	< 10	40
531-DM-953	201 229	< 1	0.02	30	130	10	< 2	6	25	0.10	< 10	< 10	58	< 10	62
531-DM-954	201 229	< 1	< 0.01	12	340	8	< 2	1	10	0.08	< 10	< 10	27	< 10	32
531-DM-955	201 229	< 1	0.01	16	250	4	2	3	20	0.09	< 10	< 10	37	< 10	36
531-DM-956	201 229	< 1	< 0.01	11	270	4	< 2	1	12	0.10	< 10	< 10	33	< 10	40
531-DM-957	201 229	< 1	< 0.01	15	200	6	< 2	2	12	0.10	< 10	< 10	33	< 10	28
531-DM-958	201 229	< 1	< 0.01	8	100	2	2	1	8	0.06	< 10	< 10	22	< 10	12
531-DM-959	201 229	< 1	< 0.01	16	1910	8	< 2	2	9	0.06	< 10	< 10	38	< 10	62
531-DM-960	201 229	< 1	< 0.01	14	1010	< 2	2	2	10	0.06	< 10	< 10	34	< 10	114
531-DM-961	217 229	< 1	0.03	27	700	4	< 2	6	14	0.08	< 10	< 10	62	< 10	128
531-DM-962	201 229	< 1	< 0.01	12	820	< 2	< 2	1	7	0.04	< 10	< 10	25	< 10	22
531-DM-963	217 229	< 1	0.03	18	420	8	< 2	3	16	0.09	< 10	< 10	44	< 10	38
531-DM-964	201 229	< 1	0.02	27	600	8	< 2	5	27	0.10	< 10	< 10	47	< 10	56
531-DM-965	201 229	< 1	0.01	14	520	2	< 2	1	11	0.08	< 10	< 10	24	< 10	30
531-DM-966	201 229	< 1	0.01	19	610	12	< 2	3	13	0.10	< 10	< 10	35	< 10	100
531-DM-967	217 229	< 1	0.02	31	180	18	< 2	8	29	0.11	< 10	< 10	67	10	74
531-DM-968	217 229	< 1	0.02	29	190	14	< 2	6	25	0.11	< 10	< 10	59	< 10	64
531-DM-969	201 229	< 1	< 0.01	35	920	8	2	7	11	0.07	< 10	< 10	78	< 10	192
531-DM-970	201 229	< 1	< 0.01	15	950	6	2	1	9	0.07	< 10	< 10	40	< 10	26
531-DM-971	201 229	< 1	0.01	36	730	8	< 2	3	14	0.12	< 10	< 10	52	< 10	46

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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P.O. BOX 158  
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Project: 531  
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## CERTIFICATE OF ANALYSIS A9523853

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-972	201 229	9 < 0.2	1.77	4	110 < 0.5	2	0.20 < 0.5	10	33	20	1.98	< 10	< 1	0.06	< 10	0.40	135			
531-DM-973	201 229	4 < 0.2	1.13	4	50 < 0.5	2	0.15 < 0.5	4	37	9	1.83	< 10	< 1	0.03	< 10	0.39	155			
531-DM-974	201 229	2 < 0.2	1.62	6	80 < 0.5	< 2	0.22 < 0.5	7	35	16	2.39	< 10	< 1	0.07	< 10	0.40	310			
531-DM-975	217 229	< 1 < 0.2	1.37	10	60 < 0.5	< 2	0.27 < 0.5	11	167	14	2.49	< 10	1	0.19	< 10	0.80	320			
531-DM-976	201 229	1 < 0.2	0.82	< 2	30 < 0.5	< 2	0.31 < 0.5	3	25	9	1.24	< 10	< 1	0.09	10	0.36	140			
531-DM-977	201 229	< 1 < 0.2	1.67	10	70 < 0.5	< 2	0.35 < 0.5	7	42	14	2.01	< 10	< 1	0.25	10	0.68	225			
531-DM-978	201 229	< 1 < 0.2	1.30	< 2	60 < 0.5	2	0.36 < 0.5	5	34	12	1.64	< 10	< 1	0.17	10	0.55	185			
531-DM-979	201 229	7 < 0.2	0.97	10	40 < 0.5	< 2	0.19 < 0.5	4	22	8	1.22	< 10	< 1	0.05	< 10	0.28	115			
531-DM-980	201 229	< 1 < 0.2	1.47	2	70 < 0.5	4	0.21 < 0.5	9	34	10	1.70	< 10	< 1	0.11	10	0.51	355			
531-DM-981	201 229	3 < 0.2	1.32	14	60 < 0.5	< 2	0.18 < 0.5	6	35	11	2.13	< 10	< 1	0.06	< 10	0.35	225			
531-DM-982	201 229	6 < 0.2	0.74	6	20 < 0.5	< 2	0.19 < 0.5	2	21	7	1.03	< 10	< 1	0.02	< 10	0.25	80			
531-DM-983	201 229	< 1 < 0.2	1.11	4	40 < 0.5	4	0.22 < 0.5	4	27	7	1.33	< 10	< 1	0.06	10	0.36	140			
531-DM-984	217 229	2 < 0.2	2.86	< 2	140 < 0.5	< 2	0.45 < 0.5	12	72	27	2.99	10	< 1	0.44	20	0.99	390			
531-DM-985	201 229	< 1 < 0.2	1.77	2	30 < 0.5	< 2	0.17 < 0.5	5	36	12	2.22	< 10	< 1	0.04	< 10	0.29	140			
531-DM-986	201 229	1 < 0.2	0.69	2	20 < 0.5	< 2	0.18 < 0.5	2	17	9	0.84	< 10	< 1	0.02	< 10	0.24	80			
531-DM-987	201 229	22 < 0.2	1.84	20	50 < 0.5	8	0.15 < 0.5	8	38	13	2.87	< 10	< 1	0.06	< 10	0.35	155			
531-DM-988	201 229	< 1 < 0.2	1.20	2	30 < 0.5	< 2	0.16 < 0.5	3	27	8	1.34	< 10	< 1	0.03	< 10	0.40	110			
531-DM-989	201 229	2 < 0.2	1.46	16	30 < 0.5	< 2	0.17 < 0.5	4	28	29	1.41	< 10	< 1	0.03	< 10	0.24	155			
531-DM-990	201 229	5 < 0.2	1.32	< 2	30 < 0.5	< 2	0.17 < 0.5	4	26	18	1.49	< 10	< 1	0.02	< 10	0.29	120			
531-DM-991	201 229	3 < 0.2	0.63	14	20 < 0.5	< 2	0.12 < 0.5	1	20	4	1.11	< 10	< 1	0.02	< 10	0.13	60			
531-DM-992	201 229	3 < 0.2	1.57	8	30 < 0.5	2	0.13 < 0.5	6	32	17	2.15	< 10	< 1	0.03	< 10	0.25	100			
531-DM-993	201 229	1 < 0.2	1.41	6	40 < 0.5	< 2	0.16 < 0.5	4	35	15	1.95	< 10	< 1	0.03	< 10	0.30	140			
531-DM-994	217 229	2 < 0.2	1.65	8	60 < 0.5	< 2	0.32 < 0.5	8	157	12	2.27	10	< 1	0.15	< 10	0.63	335			
531-DM-995	201 229	5 < 0.2	1.54	14	40 < 0.5	< 2	0.13 < 0.5	4	36	15	2.40	10	< 1	0.04	< 10	0.31	135			
531-DM-996	201 229	1 < 0.2	1.73	8	50 < 0.5	< 2	0.13 < 0.5	5	26	22	1.82	< 10	< 1	0.03	< 10	0.27	120			
531-DM-997	201 229	2 < 0.2	0.85	6	30 < 0.5	4	0.35 < 0.5	4	30	9	1.41	< 10	< 1	0.02	10	0.29	210			
531-DM-998	201 229	2 < 0.2	1.44	6	90 < 0.5	4	0.70 < 0.5	8	37	16	2.10	10	< 1	0.11	10	0.45	205			
531-DM-999	201 229	19 < 0.2	1.17	16	50 < 0.5	< 2	0.20 < 0.5	7	35	14	1.98	< 10	< 1	0.06	< 10	0.33	185			
531-DM-1000	201 229	3 < 0.2	1.34	6	50 < 0.5	< 2	0.21 < 0.5	9	41	15	2.38	< 10	< 1	0.07	< 10	0.42	150			
531-DM-1001	201 229	5 < 0.2	0.55	< 2	10 < 0.5	4	0.20 < 0.5	2	20	4	0.91	< 10	< 1	0.03	< 10	0.22	75			
531-DM-1002	201 229	2 < 0.2	1.17	6	50 < 0.5	2	0.25 < 0.5	4	34	9	1.63	< 10	< 1	0.06	< 10	0.38	180			
531-DM-1003	201 229	1 < 0.2	0.49	4	20 < 0.5	< 2	0.21 < 0.5	2	18	5	0.83	< 10	< 1	0.08	< 10	0.23	125			
531-DM-1004	201 229	< 1 < 0.2	0.81	4	40 < 0.5	2	0.26 < 0.5	3	23	6	1.08	< 10	< 1	0.08	< 10	0.32	145			
531-DM-1005	217 229	< 1 < 0.2	1.43	< 2	60 < 0.5	< 2	0.36 < 0.5	7	50	12	1.76	< 10	< 1	0.23	10	0.59	220			
531-DM-1006	201 229	3 < 0.2	1.14	8	30 < 0.5	< 2	0.18 < 0.5	6	49	8	2.16	10	< 1	0.04	< 10	0.43	325			
531-DM-1007	201 229	1 < 0.2	2.00	12	90 < 0.5	< 2	0.34 < 0.5	4	43	29	1.60	< 10	< 1	0.03	< 10	0.31	95			
531-DM-1008	217 229	1 < 0.2	3.10	< 2	140 < 0.5	2	0.41 < 0.5	19	74	25	3.29	10	< 1	0.43	20	1.06	710			
531-DM-1009	217 229	1 < 0.2	2.53	12	100 < 0.5	< 2	0.46 < 0.5	18	167	18	3.41	10	< 1	0.19	10	0.92	465			
531-DM-1010	201 229	< 1 < 0.2	1.78	< 2	40 < 0.5	2	0.32 < 0.5	5	35	23	1.90	10	< 1	0.07	10	0.49	160			
531-DM-1011	217 229	< 1 < 0.2	2.48	< 2	140 < 0.5	4	0.51 < 0.5	18	83	20	2.79	10	< 1	0.48	20	0.85	870			

CERTIFICATION: \_\_\_\_\_

*Stuart Deveau*



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Page Number : 3-B  
 Total Pages : 4  
 Certificate Date: 17-AUG-95  
 Invoice No. : 19523853  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

## CERTIFICATE OF ANALYSIS

### A9523853

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-972	201 229	< 1	< 0.01	36	310	< 2	< 2	2	11	0.09	< 10	< 10	36	< 10	26
531-DM-973	201 229	< 1	< 0.01	16	350	4	2	1	9	0.08	< 10	< 10	36	< 10	32
531-DM-974	201 229	< 1	< 0.01	20	2160	6	< 2	2	14	0.06	< 10	< 10	37	< 10	76
531-DM-975	217 229	< 1	0.05	36	360	< 2	< 2	3	18	0.10	< 10	< 10	55	< 10	34
531-DM-976	201 229	< 1	0.01	13	380	2	< 2	1	16	0.07	< 10	< 10	26	< 10	26
531-DM-977	201 229	< 1	0.01	20	460	6	< 2	3	22	0.11	< 10	< 10	40	< 10	44
531-DM-978	201 229	< 1	0.01	16	570	6	2	3	20	0.10	< 10	< 10	34	< 10	36
531-DM-979	201 229	< 1	< 0.01	10	430	2	< 2	1	10	0.06	< 10	< 10	24	< 10	30
531-DM-980	201 229	< 1	0.01	17	270	4	< 2	3	15	0.09	< 10	< 10	34	< 10	48
531-DM-981	201 229	< 1	< 0.01	19	1620	6	2	1	14	0.06	< 10	< 10	36	< 10	44
531-DM-982	201 229	< 1	< 0.01	10	300	4	< 2	1	11	0.08	< 10	< 10	24	< 10	18
531-DM-983	201 229	< 1	0.01	11	280	6	< 2	2	13	0.09	< 10	< 10	31	< 10	30
531-DM-984	217 229	< 1	0.03	30	320	14	< 2	7	34	0.13	< 10	< 10	62	< 10	58
531-DM-985	201 229	< 1	< 0.01	17	1830	2	2	2	8	0.07	< 10	< 10	37	< 10	48
531-DM-986	201 229	< 1	< 0.01	9	260	8	< 2	1	11	0.08	< 10	< 10	21	< 10	20
531-DM-987	201 229	< 1	< 0.01	21	950	6	< 2	2	10	0.10	< 10	< 10	53	< 10	40
531-DM-988	201 229	< 1	0.01	13	140	2	< 2	2	10	0.09	< 10	< 10	31	< 10	26
531-DM-989	201 229	< 1	< 0.01	15	440	6	< 2	1	7	0.08	< 10	< 10	27	< 10	20
531-DM-990	201 229	< 1	< 0.01	16	320	2	2	1	8	0.08	< 10	< 10	30	< 10	26
531-DM-991	201 229	< 1	< 0.01	7	210	6	2	1	7	0.05	< 10	< 10	20	< 10	14
531-DM-992	201 229	< 1	< 0.01	18	310	8	2	2	9	0.11	< 10	< 10	42	< 10	30
531-DM-993	201 229	< 1	< 0.01	15	430	6	< 2	2	11	0.09	< 10	< 10	37	< 10	38
531-DM-994	217 229	< 1	0.03	25	620	6	< 2	3	21	0.11	< 10	< 10	45	< 10	46
531-DM-995	201 229	< 1	< 0.01	15	510	6	< 2	2	9	0.09	< 10	< 10	47	< 10	42
531-DM-996	201 229	< 1	< 0.01	12	220	6	< 2	1	8	0.08	< 10	< 10	36	< 10	58
531-DM-997	201 229	< 1	0.01	15	300	2	< 2	2	11	0.09	< 10	< 10	26	< 10	22
531-DM-998	201 229	< 1	0.01	19	240	4	< 2	3	20	0.07	< 10	< 10	37	< 10	34
531-DM-999	201 229	< 1	< 0.01	22	730	2	< 2	2	12	0.09	< 10	< 10	37	< 10	36
531-DM-1000	201 229	< 1	< 0.01	20	440	6	< 2	2	13	0.11	< 10	< 10	46	< 10	50
531-DM-1001	201 229	< 1	< 0.01	7	280	4	< 2	1	10	0.07	< 10	< 10	24	< 10	16
531-DM-1002	201 229	< 1	0.01	17	610	6	< 2	2	10	0.08	< 10	< 10	34	< 10	30
531-DM-1003	201 229	< 1	< 0.01	8	250	2	< 2	1	9	0.06	< 10	< 10	18	< 10	22
531-DM-1004	201 229	< 1	0.01	10	120	4	< 2	2	13	0.09	< 10	< 10	24	< 10	32
531-DM-1005	217 229	< 1	0.02	17	440	8	< 2	3	22	0.11	< 10	< 10	38	< 10	36
531-DM-1006	201 229	< 1	< 0.01	19	670	2	< 2	2	10	0.09	< 10	< 10	47	< 10	42
531-DM-1007	201 229	< 1	0.01	31	430	6	< 2	2	18	0.12	< 10	< 10	40	< 10	22
531-DM-1008	217 229	< 1	0.02	34	190	16	< 2	8	32	0.13	< 10	< 10	70	< 10	72
531-DM-1009	217 229	< 1	0.04	29	720	4	2	4	23	0.14	< 10	< 10	77	< 10	66
531-DM-1010	201 229	< 1	0.01	17	720	< 2	< 2	3	15	0.11	< 10	< 10	44	< 10	72
531-DM-1011	217 229	< 1	0.03	28	350	20	< 2	7	29	0.11	< 10	< 10	62	< 10	70

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To: PLACER DOME CANADA LIMITED

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POV 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 4-A  
Total Pages : 4  
Certificate Date: 17-AUG-95  
Invoice No. : I9523853  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523853

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-1012	201 229	< 1	< 0.2	1.93	< 2	100	< 0.5	6	0.56	< 0.5	9	47	19	1.94	< 10	< 1	0.18	10	0.68	385
531-DM-1013	201 229	< 1	< 0.2	2.08	4	120	< 0.5	4	0.47	< 0.5	11	51	16	2.49	10	< 1	0.36	10	0.77	595
531-DM-1014	201 229	< 1	< 0.2	2.16	2	110	< 0.5	< 2	0.51	< 0.5	8	53	26	2.53	10	1	0.24	10	0.68	305
531-DM-1015	201 229	< 1	< 0.2	1.43	< 2	80	< 0.5	< 2	0.40	< 0.5	6	34	10	1.86	< 10	< 1	0.26	10	0.49	255
531-DM-1016	201 229	< 1	< 0.2	2.82	4	170	< 0.5	4	0.67	< 0.5	14	76	30	3.42	10	< 1	0.62	10	1.20	455
531-DM-1017	201 229	2	< 0.2	1.77	2	90	< 0.5	< 2	0.81	< 0.5	8	39	16	2.49	10	< 1	0.11	20	0.52	170

CERTIFICATION:

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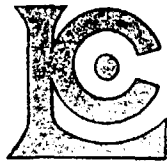
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Certificate Date: 17-AUG-95  
Invoice No. : I9523853  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9523853

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-1012	201 229	< 1	0.02	23	400	10	2	4	21	0.13	< 10	< 10	39	< 10	72
531-DM-1013	201 229	< 1	0.01	28	240	16	< 2	6	23	0.12	< 10	< 10	50	< 10	68
531-DM-1014	201 229	< 1	0.01	23	360	10	< 2	6	22	0.07	< 10	< 10	46	< 10	54
531-DM-1015	201 229	< 1	0.01	16	390	6	2	3	18	0.06	< 10	< 10	33	< 10	42
531-DM-1016	201 229	< 1	0.02	36	490	16	4	8	29	0.12	< 10	< 10	61	< 10	76
531-DM-1017	201 229	< 1	0.01	17	140	4	< 2	4	16	0.08	< 10	< 10	43	< 10	36

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Project: 531  
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Total Pages: 5  
Certificate Date: 15-AUG-95  
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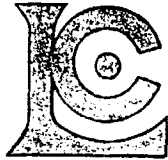
## CERTIFICATE OF ANALYSIS

### A9523938

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-1100	201 --	5	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
531-DM-1101	201 229	1 < 0.2	1.02	6	20 < 0.5	< 2	0.24 < 0.5	6	51	6	1.53 < 10	< 1	0.02 < 10	0.58	135					
531-DM-1102	201 229	42 < 0.2	1.81	10	40 < 0.5	< 2	0.27 < 0.5	9	48	10	2.37 < 10	< 1	0.04 < 10	0.87	145					
531-DM-1103	201 229	< 1 < 0.2	1.98	14	60 < 0.5	< 2	0.45 < 0.5	8	69	10	3.01 < 10	< 1	0.13 < 10	1.48	315					
531-DM-1104	201 229	1 < 0.2	0.58	2	20 < 0.5	< 2	0.32 < 0.5	2	20	4	0.86 < 10	< 1	0.05 < 10	0.26	85					
531-DM-1105	201 229	210 < 0.2	1.12	4	40 < 0.5	< 2	0.23 < 0.5	5	32	3	1.50 < 10	< 1	0.05 < 10	0.27	85					
531-DM-1106	201 229	< 1 < 0.2	2.24	6	90 < 0.5	< 2	0.30 < 0.5	9	48	15	2.38 < 10	< 1	0.22 < 10	0.72	275					
531-DM-1107	201 229	< 1 < 0.2	2.09	8	90 < 0.5	< 2	0.37 < 0.5	7	45	20	2.27 < 10	< 1	0.21 < 10	0.72	275					
531-DM-1108	201 229	< 1 < 0.2	2.21	4	100 < 0.5	< 2	0.36 < 0.5	10	48	13	2.41 < 10	1	0.23 < 10	0.69	335					
531-DM-1109	201 229	< 1 < 0.2	1.52	8	80 < 0.5	< 2	0.59 < 0.5	6	36	14	1.84 < 10	< 1	0.20 < 10	0.63	255					
531-DM-1110	201 229	< 1 < 0.2	0.77	4	20 < 0.5	< 2	0.34 < 0.5	4	26	9	1.04 < 10	< 1	0.03 < 10	0.39	160					
531-DM-1111	201 229	1 < 0.2	1.15	4	20 < 0.5	< 2	0.33 < 0.5	4	28	7	1.42 < 10	< 1	0.05 < 10	0.48	140					
531-DM-1112	201 229	< 1 < 0.2	1.08	6	30 < 0.5	< 2	0.27 < 0.5	5	31	4	1.40 < 10	< 1	0.06 < 10	0.44	155					
531-DM-1113	201 229	1 < 0.2	1.53	20	50 < 0.5	< 2	0.23 < 0.5	8	49	11	2.27 < 10	< 1	0.07 < 10	0.53	180					
531-DM-1114	201 229	2 < 0.2	1.02	16	30 < 0.5	< 2	0.17 < 0.5	6	41	9	1.81 < 10	< 1	0.03 < 10	0.26	160					
531-DM-1115	201 229	7 < 0.2	1.39	14	70 < 0.5	< 2	0.20 < 0.5	6	45	8	2.27 < 10	< 1	0.05 < 10	0.42	200					
531-DM-1116	201 229	2 < 0.2	0.79	2	20 < 0.5	< 2	0.28 < 0.5	2	17	6	0.85 < 10	< 1	0.03 < 10	0.29	80					
531-DM-1117	201 229	2 < 0.2	0.99	< 2	20 < 0.5	< 2	0.42 < 0.5	3	26	2	1.35 < 10	< 1	0.08 < 10	0.44	130					
531-DM-1118	201 229	2 < 0.2	1.22	2	40 < 0.5	< 2	0.31 < 0.5	4	29	6	1.43 < 10	< 1	0.11 < 10	0.45	170					
531-DM-1119	201 229	3 < 0.2	1.01	2	30 < 0.5	< 2	0.26 < 0.5	3	26	3	1.30 < 10	< 1	0.09 < 10	0.37	105					
531-DM-1120	201 229	2 < 0.2	0.74	4	20 < 0.5	< 2	0.39 < 0.5	3	29	6	0.99 < 10	< 1	0.08 < 10	0.32	90					
531-DM-1121	201 229	< 1 < 0.2	2.14	8	110 < 0.5	< 2	0.53 < 0.5	8	50	12	2.47 < 10	< 1	0.35 < 10	0.73	435					
531-DM-1122	201 229	1 < 0.2	1.57	4	60 < 0.5	< 2	0.32 < 0.5	6	37	11	1.93 < 10	< 1	0.21 < 10	0.58	205					
531-DM-1123	201 229	2 < 0.2	0.73	2	30 < 0.5	< 2	0.20 < 0.5	3	23	2	1.17 < 10	< 1	0.05 < 10	0.28	170					
531-DM-1124	201 229	1 < 0.2	0.70	2	20 < 0.5	< 2	0.23 < 0.5	2	21	2	1.07 < 10	< 1	0.04 < 10	0.24	80					
531-DM-1125	201 229	1 < 0.2	0.59	2	10 < 0.5	< 2	0.24 < 0.5	2	21	3	1.01 < 10	< 1	0.03 < 10	0.18	55					
531-DM-1126	201 229	< 1 < 0.2	0.95	4	40 < 0.5	< 2	0.29 < 0.5	4	25	3	1.29 < 10	< 1	0.07 < 10	0.35	325					
531-DM-1127	201 229	< 1 < 0.2	0.61	2	20 < 0.5	< 2	0.24 < 0.5	2	16	1	0.87 < 10	< 1	0.04 < 10	0.21	95					
531-DM-1128	201 229	< 1 < 0.2	0.68	4	20 < 0.5	< 2	0.34 < 0.5	5	18	2	0.88 < 10	< 1	0.07 < 10	0.31	225					
531-DM-1129	201 229	< 1 < 0.2	1.62	2	80 < 0.5	< 2	0.39 < 0.5	6	34	13	1.81 < 10	< 1	0.12 < 10	0.49	150					
531-DM-1130	201 229	1 < 0.2	1.79	6	110 < 0.5	< 2	0.72 < 0.5	8	37	28	2.03 < 10	< 1	0.08 < 10	0.45	180					
531-DM-1131	201 229	4 < 0.2	1.55	8	30 < 0.5	< 2	0.20 < 0.5	2	18	15	1.77 < 10	< 1	0.03 < 10	0.99	100					
531-DM-1132	201 229	< 1 < 0.2	0.53	4	10 < 0.5	< 2	0.24 < 0.5	1	13	2	0.63 < 10	< 1	0.01 < 10	0.15	45					
531-DM-1133	201 229	24 < 0.2	0.84	6	20 < 0.5	< 2	0.21 < 0.5	2	21	4	0.94 < 10	< 1	0.02 < 10	0.27	75					
531-DM-1134	201 229	5 < 0.2	1.34	16	20 < 0.5	< 2	0.20 < 0.5	5	35	10	2.45 < 10	< 1	0.03 < 10	0.35	115					
531-DM-1135	201 229	1 < 0.2	1.73	20	40 < 0.5	< 2	0.16 < 0.5	6	33	13	2.26 < 10	< 1	0.06 < 10	0.39	150					
531-DM-1136	201 229	7 < 0.2	1.23	6	40 < 0.5	< 2	0.32 < 0.5	5	28	12	1.61 < 10	< 1	0.05 < 10	0.49	155					
531-DM-1137	201 229	2 < 0.2	1.78	14	60 < 0.5	< 2	0.21 < 0.5	9	50	15	2.89 < 10	< 1	0.07 < 10	0.54	205					
531-DM-1138	201 229	1 < 0.2	1.78	12	120 < 0.5	< 2	0.57 < 0.5	11	47	14	2.31 < 10	< 1	0.07 < 10	0.47	580					
531-DM-1139	201 229	4 < 0.2	1.96	16	40 < 0.5	< 2	0.21 < 0.5	8	42	26	2.44 < 10	< 1	0.04 < 10	0.49	175					

CERTIFICATION:

*Hart Becker*



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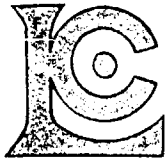
Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

## CERTIFICATE OF ANALYSIS

### A9523938

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-1100	201 --	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
531-DM-1101	201 229	< 1	< 0.01	33	110	6	< 2	2	15	0.12	< 10	< 10	42	< 10	24
531-DM-1102	201 229	< 1	< 0.01	36	110	4	< 2	2	16	0.14	< 10	< 10	57	< 10	26
531-DM-1103	201 229	< 1	< 0.01	53	320	4	< 2	4	29	0.19	< 10	< 10	67	< 10	52
531-DM-1104	201 229	< 1	< 0.01	9	510	2	< 2	1	13	0.06	< 10	< 10	23	< 10	12
531-DM-1105	201 229	< 1	< 0.01	17	540	4	< 2	1	16	0.09	< 10	< 10	30	< 10	24
531-DM-1106	201 229	< 1	0.01	23	220	8	< 2	3	32	0.11	< 10	< 10	51	< 10	44
531-DM-1107	201 229	< 1	0.01	22	340	8	< 2	4	30	0.09	< 10	< 10	54	< 10	38
531-DM-1108	201 229	< 1	0.01	23	300	8	< 2	3	25	0.09	< 10	< 10	50	< 10	44
531-DM-1109	201 229	< 1	0.02	18	570	4	< 2	3	28	0.11	< 10	< 10	37	< 10	32
531-DM-1110	201 229	< 1	0.01	15	520	2	< 2	1	16	0.08	< 10	< 10	25	< 10	20
531-DM-1111	201 229	< 1	0.01	12	370	2	< 2	2	23	0.09	< 10	< 10	32	< 10	22
531-DM-1112	201 229	< 1	0.01	14	340	2	< 2	1	18	0.09	< 10	< 10	31	< 10	30
531-DM-1113	201 229	< 1	< 0.01	32	1140	4	< 2	2	14	0.09	< 10	< 10	46	< 10	30
531-DM-1114	201 229	< 1	< 0.01	26	910	4	< 2	1	10	0.07	< 10	< 10	34	< 10	24
531-DM-1115	201 229	< 1	< 0.01	23	530	8	< 2	1	14	0.10	< 10	< 10	51	< 10	66
531-DM-1116	201 229	< 1	0.01	7	410	4	< 2	1	18	0.08	< 10	< 10	21	< 10	14
531-DM-1117	201 229	< 1	0.02	10	550	4	< 2	2	27	0.10	< 10	< 10	30	< 10	22
531-DM-1118	201 229	< 1	0.01	12	170	4	< 2	2	24	0.10	< 10	< 10	33	< 10	26
531-DM-1119	201 229	< 1	0.01	9	170	4	< 2	1	22	0.09	< 10	< 10	30	< 10	20
531-DM-1120	201 229	< 1	0.01	14	480	4	< 2	1	18	0.08	< 10	< 10	23	< 10	20
531-DM-1121	201 229	< 1	0.01	21	540	6	< 2	4	24	0.09	< 10	< 10	45	< 10	46
531-DM-1122	201 229	< 1	0.01	17	350	6	< 2	2	20	0.07	< 10	< 10	39	< 10	36
531-DM-1123	201 229	< 1	0.01	9	530	2	< 2	1	13	0.07	< 10	< 10	23	< 10	26
531-DM-1124	201 229	< 1	0.01	7	640	2	< 2	1	12	0.06	< 10	< 10	22	< 10	14
531-DM-1125	201 229	< 1	< 0.01	9	610	2	< 2	1	11	0.06	< 10	< 10	19	< 10	8
531-DM-1126	201 229	< 1	0.01	10	200	4	< 2	1	17	0.08	< 10	< 10	27	< 10	26
531-DM-1127	201 229	< 1	< 0.01	6	330	2	< 2	1	15	0.07	< 10	< 10	19	< 10	16
531-DM-1128	201 229	< 1	0.01	7	450	2	< 2	1	21	0.08	< 10	< 10	22	< 10	14
531-DM-1129	201 229	< 1	0.01	15	300	6	< 2	3	24	0.08	< 10	< 10	37	< 10	24
531-DM-1130	201 229	< 1	0.01	20	220	8	< 2	3	32	0.08	< 10	< 10	41	< 10	28
531-DM-1131	201 229	1	0.01	10	160	2	< 2	2	13	0.11	< 10	< 10	68	< 10	24
531-DM-1132	201 229	< 1	< 0.01	6	400	2	< 2	< 1	12	0.07	< 10	< 10	18	< 10	8
531-DM-1133	201 229	< 1	< 0.01	8	220	4	< 2	1	16	0.09	< 10	< 10	24	< 10	18
531-DM-1134	201 229	< 1	< 0.01	14	710	6	< 2	1	11	0.09	< 10	< 10	46	< 10	28
531-DM-1135	201 229	< 1	< 0.01	17	580	6	< 2	1	12	0.10	< 10	< 10	46	< 10	38
531-DM-1136	201 229	< 1	0.01	16	550	4	< 2	2	20	0.11	< 10	< 10	32	< 10	28
531-DM-1137	201 229	< 1	< 0.01	24	320	6	< 2	2	15	0.15	< 10	< 10	66	< 10	48
531-DM-1138	201 229	< 1	< 0.01	21	150	8	< 2	2	16	0.10	< 10	< 10	49	< 10	38
531-DM-1139	201 229	< 1	< 0.01	21	260	6	< 2	2	13	0.13	< 10	< 10	51	< 10	44

CERTIFICATION: *Stuart Buchler*



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Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :2-A  
 Total Pages :5  
 Certificate Date: 15-AUG-95  
 Invoice No. :19523938  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS A9523938

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-1140	201 --	2 not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
531-DM-1141	201 229	2 < 0.2	4.05	14	170 < 0.5	< 2	0.58 < 0.5	16	52	134	3.14 < 10	< 1	0.08	20	0.54	845				
531-DM-1142	201 229	280 < 0.2	1.86	20	40 < 0.5	< 2	0.37 < 0.5	10	52	38	2.68 < 10	< 1	0.06	< 10	0.72	265				
531-DM-1143	217 229	< 1 < 0.2	2.26	16	80 < 0.5	< 2	0.69 < 0.5	14	219	24	3.36 < 10	< 1	0.17	10	1.11	790				
531-DM-1144	201 229	11 < 0.2	1.56	12	50 < 0.5	< 2	0.31 < 0.5	9	36	23	2.09 < 10	< 1	0.07	< 10	0.64	240				
531-DM-1145	201 229	1 < 0.2	5.30	20	20 < 0.5	< 2	0.17 < 0.5	36	527	61	6.19 < 10	< 1	0.03	< 10	4.02	505				
531-DM-1146	201 229	1 < 0.2	1.69	24	40 < 0.5	< 2	0.14 < 0.5	8	40	12	3.00 < 10	< 1	0.11	< 10	0.63	180				
531-DM-1147	201 229	1 < 0.2	2.66	12	120 < 0.5	< 2	0.67 < 0.5	10	41	42	2.67 < 10	< 1	0.06	10	0.43	410				
531-DM-1148	201 229	3 < 0.2	1.03	6	30 < 0.5	< 2	0.32 < 0.5	5	27	14	1.43 < 10	< 1	0.02	10	0.36	210				
531-DM-1149	201 229	2 < 0.2	1.45	16	30 < 0.5	< 2	0.12 < 0.5	6	36	12	2.63 < 10	< 1	0.03	< 10	0.28	130				
531-DM-1150	217 229	2 < 0.2	0.89	4	30 < 0.5	< 2	0.20 < 0.5	5	181	5	1.70 < 10	< 1	0.15	< 10	0.53	170				
531-DM-1151	201 229	8 < 0.2	1.17	6	30 < 0.5	< 2	0.12 < 0.5	3	24	4	1.37 < 10	< 1	0.03	< 10	0.14	45				
531-DM-1152	201 229	< 1 < 0.2	0.55	4	20 < 0.5	< 2	0.11 < 0.5	1	12	2	0.69 < 10	< 1	0.03	< 10	0.13	45				
531-DM-1153	201 229	4 < 0.2	1.40	10	30 < 0.5	< 2	0.15 < 0.5	4	36	6	2.30 < 10	< 1	0.04	< 10	0.28	105				
531-DM-1154	201 229	5 < 0.2	0.68	2	10 < 0.5	< 2	0.17 < 0.5	1	15	2	0.76 < 10	< 1	0.01	< 10	0.18	50				
531-DM-1155	201 229	5 < 0.2	2.10	14	40 < 0.5	< 2	0.21 < 0.5	8	40	17	2.90 < 10	< 1	0.04	< 10	0.58	170				
531-DM-1156	201 229	1 < 0.2	1.29	4	30 < 0.5	< 2	0.21 < 0.5	5	24	14	1.36 < 10	< 1	0.02	< 10	0.40	105				
531-DM-1157	201 229	3 < 0.2	0.81	4	20 < 0.5	< 2	0.23 < 0.5	3	22	5	1.13 < 10	< 1	0.03	< 10	0.20	65				
531-DM-1158	217 229	1 < 0.2	1.18	6	60 < 0.5	< 2	0.35 < 0.5	6	244	9	2.30 < 10	< 1	0.19	< 10	0.51	265				
531-DM-1159	201 229	5 < 0.2	0.80	12	40 < 0.5	< 2	0.19 < 0.5	3	33	5	1.38 < 10	< 1	0.04	< 10	0.30	150				
531-DM-1160	201 229	9 < 0.2	2.05	14	70 < 0.5	< 2	0.29 < 0.5	16	58	13	2.87 < 10	< 1	0.07	< 10	0.71	475				
531-DM-1161	201 229	3 < 0.2	2.19	16	60 < 0.5	< 2	0.15 < 0.5	8	43	20	3.25 < 10	< 1	0.03	< 10	0.47	160				
531-DM-1162	201 229	< 1 < 0.2	1.35	6	60 < 0.5	< 2	0.33 < 0.5	7	40	12	1.97 < 10	< 1	0.12	10	0.60	260				
531-DM-1163	201 229	< 1 < 0.2	1.28	4	70 < 0.5	< 2	0.38 < 0.5	6	29	16	1.63 < 10	< 1	0.05	10	0.41	220				
531-DM-1164	201 229	1 < 0.2	0.69	2	20 < 0.5	< 2	0.24 < 0.5	2	19	2	0.89 < 10	< 1	0.04	< 10	0.29	95				
531-DM-1165	201 229	6 < 0.2	1.11	4	40 < 0.5	< 2	0.20 < 0.5	4	28	4	1.66 < 10	< 1	0.06	< 10	0.38	125				
531-DM-1166	201 229	< 1 < 0.2	2.12	8	90 < 0.5	< 2	0.33 < 0.5	10	51	13	2.49 < 10	< 1	0.25	10	0.84	395				
531-DM-1167	201 229	1 < 0.2	1.21	4	70 < 0.5	< 2	0.27 < 0.5	5	32	8	1.53 < 10	< 1	0.14	10	0.47	265				
531-DM-1168	201 229	< 1 < 0.2	2.05	12	110 < 0.5	< 2	0.50 < 0.5	10	50	13	2.56 < 10	< 1	0.32	10	0.71	405				
531-DM-1169	201 229	< 1 < 0.2	0.87	4	30 < 0.5	< 2	0.20 < 0.5	4	33	4	1.69 < 10	< 1	0.05	< 10	0.36	130				
531-DM-1170	201 229	5 < 0.2	1.61	24	40 < 0.5	< 2	0.27 < 0.5	9	64	12	2.69 < 10	< 1	0.08	< 10	0.65	175				
531-DM-1171	201 229	< 1 < 0.2	4.87	18	120 < 0.5	< 2	0.26 < 0.5	31	220	58	6.74 < 10	< 1	0.07	< 10	1.89	925				
531-DM-1172	201 229	7 < 0.2	1.66	12	60 < 0.5	< 2	0.23 < 0.5	13	83	12	2.82 < 10	< 1	0.06	< 10	0.79	200				
531-DM-1173	201 229	2 < 0.2	0.88	6	10 < 0.5	< 2	0.21 < 0.5	4	36	4	1.54 < 10	< 1	0.03	< 10	0.35	100				
531-DM-1174	201 229	5 < 0.2	1.76	12	60 < 0.5	< 2	0.24 < 0.5	13	68	30	2.65 < 10	< 1	0.04	< 10	0.81	290				
531-DM-1175	201 229	5 < 0.2	1.04	6	50 < 0.5	< 2	0.35 < 0.5	6	36	11	1.51 < 10	< 1	0.04	10	0.35	185				
531-DM-1176	201 229	3 < 0.2	2.58	8	140 < 0.5	< 2	0.67 < 0.5	11	64	32	3.04 < 10	< 1	0.26	20	0.96	405				
531-DM-1177	217 229	2 < 0.2	3.00	6	160 < 0.5	< 2	0.95 < 0.5	13	79	40	3.26 < 10	< 1	0.27	20	0.99	485				
531-DM-1178	201 229	2 < 0.2	0.68	6	10 < 0.5	< 2	0.18 < 0.5	4	31	6	1.26 < 10	< 1	0.02	< 10	0.22	60				
531-DM-1179	201 229	1 < 0.2	1.22	4	30 < 0.5	< 2	0.15 < 0.5	6	38	6	1.74 < 10	< 1	0.03	< 10	0.22	65				

CERTIFICATION: 





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531-DM-1140	201 --	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss	not/ss
531-DM-1141	201 229	< 1	< 0.01	66	400	8	< 2	4	19	0.10	< 10	< 10	53	< 10	86
531-DM-1142	201 229	< 1	< 0.01	40	200	4	< 2	3	17	0.16	< 10	< 10	58	< 10	56
531-DM-1143	217 229	< 1	0.08	49	300	4	< 2	4	26	0.16	< 10	< 10	73	< 10	52
531-DM-1144	201 229	< 1	< 0.01	24	190	4	< 2	2	21	0.14	< 10	< 10	48	< 10	44
531-DM-1145	201 229	< 1	< 0.01	129	280	2	< 2	22	2	0.17	< 10	< 10	197	< 10	80
531-DM-1146	201 229	< 1	< 0.01	21	390	6	< 2	1	9	0.15	< 10	< 10	70	< 10	40
531-DM-1147	201 229	< 1	< 0.01	28	280	8	< 2	2	14	0.09	< 10	< 10	52	< 10	38
531-DM-1148	201 229	< 1	< 0.01	13	370	4	< 2	1	8	0.06	< 10	< 10	30	< 10	26
531-DM-1149	201 229	< 1	< 0.01	23	450	6	< 2	1	8	0.09	< 10	< 10	57	10	22
531-DM-1150	217 229	< 1	0.04	25	130	2	< 2	1	18	0.08	< 10	< 10	31	< 10	26
531-DM-1151	201 229	< 1	< 0.01	10	270	2	< 2	1	10	0.07	< 10	< 10	27	< 10	12
531-DM-1152	201 229	< 1	< 0.01	3	180	2	< 2	< 1	9	0.06	< 10	< 10	15	< 10	8
531-DM-1153	201 229	< 1	< 0.01	13	1520	4	< 2	1	12	0.08	< 10	< 10	42	< 10	30
531-DM-1154	201 229	< 1	< 0.01	5	210	2	< 2	1	12	0.08	< 10	< 10	21	< 10	8
531-DM-1155	201 229	< 1	< 0.01	20	230	6	< 2	2	12	0.11	< 10	< 10	75	< 10	54
531-DM-1156	201 229	< 1	< 0.01	12	270	4	< 2	1	10	0.09	< 10	< 10	32	< 10	24
531-DM-1157	201 229	< 1	< 0.01	12	630	2	< 2	1	12	0.07	< 10	< 10	23	< 10	12
531-DM-1158	217 229	< 1	0.07	19	310	4	< 2	2	26	0.12	< 10	< 10	40	< 10	30
531-DM-1159	201 229	< 1	< 0.01	11	180	4	< 2	1	15	0.09	< 10	< 10	33	< 10	22
531-DM-1160	201 229	< 1	< 0.01	29	320	6	< 2	2	15	0.12	< 10	< 10	56	< 10	60
531-DM-1161	201 229	< 1	< 0.01	20	450	6	< 2	1	11	0.11	< 10	< 10	55	< 10	46
531-DM-1162	201 229	< 1	< 0.01	19	210	4	< 2	2	12	0.11	< 10	< 10	37	< 10	38
531-DM-1163	201 229	< 1	0.01	12	100	6	< 2	2	15	0.08	< 10	< 10	34	< 10	28
531-DM-1164	201 229	< 1	0.01	7	280	4	< 2	1	14	0.08	< 10	< 10	21	< 10	18
531-DM-1165	201 229	< 1	< 0.01	12	230	4	< 2	1	14	0.09	< 10	< 10	35	< 10	46
531-DM-1166	201 229	< 1	0.01	24	190	8	< 2	3	26	0.12	< 10	< 10	50	10	56
531-DM-1167	201 229	< 1	< 0.01	15	230	6	< 2	2	17	0.07	< 10	< 10	33	< 10	46
531-DM-1168	201 229	< 1	0.01	32	240	8	< 2	4	23	0.08	< 10	< 10	46	< 10	50
531-DM-1169	201 229	< 1	< 0.01	16	390	2	< 2	1	12	0.07	< 10	< 10	35	< 10	24
531-DM-1170	201 229	< 1	< 0.01	31	670	6	< 2	2	17	0.13	< 10	< 10	56	< 10	66
531-DM-1171	201 229	< 1	0.01	77	480	8	< 2	15	7	0.10	< 10	< 10	221	10	100
531-DM-1172	201 229	< 1	< 0.01	61	310	6	< 2	2	12	0.15	< 10	< 10	59	10	48
531-DM-1173	201 229	< 1	< 0.01	24	110	4	< 2	1	13	0.11	< 10	< 10	35	< 10	18
531-DM-1174	201 229	< 1	< 0.01	40	240	8	< 2	3	11	0.07	< 10	< 10	68	< 10	54
531-DM-1175	201 229	< 1	< 0.01	27	260	4	< 2	2	13	0.08	< 10	< 10	31	< 10	20
531-DM-1176	201 229	< 1	0.02	37	370	8	< 2	5	34	0.12	< 10	< 10	60	< 10	56
531-DM-1177	217 229	< 1	0.03	31	460	8	< 2	6	35	0.12	< 10	< 10	70	< 10	64
531-DM-1178	201 229	< 1	< 0.01	28	440	2	< 2	1	10	0.06	< 10	< 10	24	< 10	8
531-DM-1179	201 229	< 1	< 0.01	27	930	4	< 2	1	9	0.06	< 10	< 10	32	< 10	16

CERTIFICATION:

*Stuart Deveau*



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Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-A  
Total Pages : 5  
Certificate Date: 15-AUG-95  
Invoice No. : 19523938  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523938

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-1180	201 229	7 < 0.2	1.31	8	30 < 0.5	< 2	0.21 < 0.5	10	46	14	2.01 < 10	< 1	0.04 < 10	0.43	100					
531-DM-1181	201 229	4 < 0.2	1.14	6	20 < 0.5	< 2	0.15 < 0.5	4	36	9	1.71 < 10	< 1	0.03 < 10	0.37	85					
531-DM-1182	201 229	< 1 < 0.2	2.20	6	120 < 0.5	< 2	0.43 < 0.5	8	55	23	2.59 < 10	< 1	0.16 < 10	0.72	240					
531-DM-1183	201 229	< 1 < 0.2	2.24	6	130 < 0.5	< 2	0.56 < 0.5	10	53	22	2.57 < 10	< 1	0.22 < 10	0.77	350					
531-DM-1184	201 229	< 1 < 0.2	0.60	4	10 < 0.5	< 2	0.37 < 0.5	2	20	3	0.94 < 10	< 1	0.04 < 10	0.30	90					
531-DM-1185	201 229	< 1 < 0.2	0.84	2	40 < 0.5	< 2	0.33 < 0.5	3	23	3	1.17 < 10	< 1	0.07 < 10	0.31	130					
531-DM-1186	201 229	< 1 < 0.2	0.99	2	40 < 0.5	< 2	0.27 < 0.5	4	25	6	1.26 < 10	< 1	0.12 < 10	0.40	155					
531-DM-1187	201 229	< 1 < 0.2	3.15	8	130 < 0.5	< 2	0.45 < 0.5	11	62	25	3.36 < 10	< 1	0.39 < 10	1.06	330					
531-DM-1188	201 229	1 < 0.2	1.97	4	110 < 0.5	< 2	0.54 < 0.5	8	44	18	2.25 < 10	< 1	0.21 < 10	0.62	385					
531-DM-1189	217 229	1 < 0.2	3.14	10	180	0.5	< 2	0.67 < 0.5	13	90	24	3.45 < 10	< 1	0.50 < 10	1.04	580				
531-DM-1190	201 229	< 1 < 0.2	1.97	6	90 < 0.5	< 2	0.34 < 0.5	9	45	13	2.36 < 10	< 1	0.24 < 10	0.71	285					
531-DM-1191	201 229	3 < 0.2	0.76	8	20 < 0.5	< 2	0.15 < 0.5	2	21	4	1.12 < 10	< 1	0.03 < 10	0.22	75					
531-DM-1192	201 229	3 < 0.2	0.57	2	20 < 0.5	< 2	0.12 < 0.5	1	15	2	0.77 < 10	< 1	0.03 < 10	0.16	45					
531-DM-1193	201 229	24 < 0.2	0.61	8	10 < 0.5	< 2	0.21 < 0.5	3	23	4	1.01 < 10	< 1	0.03 < 10	0.26	65					
531-DM-1194	201 229	1 < 0.2	0.40	< 2	10 < 0.5	< 2	0.11 < 0.5	1	10	1	0.56 < 10	< 1	0.02 < 10	0.11	30					
531-DM-1195	201 229	< 1 < 0.2	2.97	8	140	0.5	< 2	0.46 < 0.5	12	68	23	3.43 < 10	< 1	0.47 < 10	1.08	430				
531-DM-1196	201 229	< 1 < 0.2	0.75	< 2	20 < 0.5	< 2	0.16 < 0.5	3	21	2	1.34 < 10	< 1	0.03 < 10	0.14	55					
531-DM-1197	201 229	7 < 0.2	1.26	8	40 < 0.5	< 2	0.14 < 0.5	3	26	21	1.63 < 10	< 1	0.03 < 10	0.23	85					
531-DM-1198	201 229	2 < 0.2	2.09	8	40 < 0.5	< 2	0.13 < 0.5	8	51	24	2.63 < 10	< 1	0.04 < 10	0.54	140					
531-DM-1199	201 229	< 1 < 0.2	0.93	2	10 < 0.5	< 2	0.14 < 0.5	2	21	1	1.39 < 10	< 1	0.02 < 10	0.10	50					
531-DM-1200	201 229	< 1 < 0.2	1.13	< 2	10 < 0.5	< 2	0.12 < 0.5	2	22	1	1.60 < 10	< 1	0.01 < 10	0.09	45					
531-DM-1201	201 229	< 1 < 0.2	1.32	< 2	20 < 0.5	< 2	0.12 < 0.5	2	20	2	1.36 < 10	< 1	0.02 < 10	0.10	55					
531-DM-1202	201 229	< 1 < 0.2	0.45	< 2	10 < 0.5	< 2	0.10 < 0.5	< 1	8	1	0.48 < 10	< 1	0.02 < 10	0.07	30					
531-DM-1203	201 229	< 1 < 0.2	0.82	< 2	20 < 0.5	< 2	0.21 < 0.5	2	18	2	0.99 < 10	< 1	0.04 < 10	0.22	65					
531-DM-1204	201 229	2 < 0.2	0.95	2	20 < 0.5	< 2	0.11 < 0.5	2	22	2	1.29 < 10	< 1	0.02 < 10	0.09	45					
531-DM-1205	201 229	< 1 < 0.2	0.84	6	20 < 0.5	< 2	0.12 < 0.5	2	18	2	1.24 < 10	< 1	0.02 < 10	0.10	35					
531-DM-1206	201 229	8 < 0.2	0.83	4	20 < 0.5	< 2	0.14 < 0.5	2	17	2	1.11 < 10	< 1	0.03 < 10	0.15	65					
531-DM-1207	201 229	20 < 0.2	1.46	16	60 < 0.5	< 2	0.20 < 0.5	7	37	8	2.46 < 10	< 1	0.06 < 10	0.37	170					
531-DM-1208	201 229	1 < 0.2	0.52	2	10 < 0.5	< 2	0.24 < 0.5	1	18	1	1.07 < 10	< 1	0.03 < 10	0.19	65					
531-DM-1209	201 229	< 1 < 0.2	2.87	12	170 < 0.5	< 2	0.39 < 0.5	13	68	19	3.37 < 10	< 1	0.43 < 10	1.08	640					
531-DM-1210	201 229	< 1 < 0.2	1.99	4	100 < 0.5	< 2	0.45 < 0.5	8	49	12	2.53 < 10	< 1	0.35 < 10	0.87	310					
531-DM-1211	201 229	1 < 0.2	1.81	4	100 < 0.5	< 2	0.64 < 0.5	8	46	23	2.37 < 10	< 1	0.25 < 10	0.70	260					
531-DM-1212	201 229	< 1 < 0.2	1.09	8	40 < 0.5	< 2	0.22 < 0.5	6	29	8	1.57 < 10	< 1	0.06 < 10	0.34	130					
531-DM-1213	201 229	39 < 0.2	1.47	24	80 < 0.5	< 2	0.24 < 0.5	8	36	18	2.53 < 10	< 1	0.08 < 10	0.38	350					
531-DM-1220	201 229	45 < 0.2	0.86	8	20 < 0.5	< 2	0.28 < 0.5	3	20	11	0.98 < 10	< 1	0.02 < 10	0.26	110					
531-DM-1221	201 229	56 < 0.2	1.77	24	70 < 0.5	< 2	0.32 < 0.5	9	30	36	1.64 < 10	< 1	0.03 < 10	0.43	200					
531-DM-1222	201 229	3 < 0.2	0.99	18	20 < 0.5	< 2	0.21 < 0.5	4	38	5	1.88 < 10	< 1	0.02 < 10	0.32	95					
531-DM-1223	201 229	< 1 < 0.2	0.77	4	20 < 0.5	< 2	0.30 < 0.5	2	19	10	0.93 < 10	< 1	0.01 < 10	0.22	50					
531-DM-1224	201 229	120 < 0.2	1.71	14	70 < 0.5	< 2	0.17 < 0.5	8	38	18	2.16 < 10	< 1	0.03 < 10	0.38	110					
531-DM-1225	201 229	6 < 0.2	1.15	6	30 < 0.5	< 2	0.18 < 0.5	4	27	14	1.31 < 10	< 1	0.02 < 10	0.35	95					

CERTIFICATION: \_\_\_\_\_



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To: PLACER DOME CANADA LIMITED

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Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-B  
Total Pages : 5  
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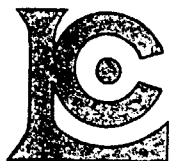
## CERTIFICATE OF ANALYSIS

### A9523938

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
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531-DM-1180	201	229	< 1	< 0.01	54	490	4	< 2	2	11	0.09	< 10	< 10	59	< 10	22
531-DM-1181	201	229	< 1	< 0.01	16	270	2	< 2	1	8	0.09	< 10	< 10	37	< 10	24
531-DM-1182	201	229	< 1	0.01	26	290	8	< 2	4	27	0.07	< 10	< 10	47	< 10	44
531-DM-1183	201	229	< 1	0.01	27	340	10	< 2	4	31	0.10	< 10	< 10	56	< 10	46
531-DM-1184	201	229	< 1	0.01	8	540	2	< 2	1	21	0.08	< 10	< 10	22	< 10	12
531-DM-1185	201	229	< 1	< 0.01	9	160	2	< 2	1	20	0.08	< 10	< 10	27	< 10	20
531-DM-1186	201	229	< 1	0.01	10	150	6	< 2	2	18	0.09	< 10	< 10	29	< 10	24
531-DM-1187	201	229	< 1	0.02	28	240	10	< 2	5	33	0.12	< 10	< 10	62	< 10	66
531-DM-1188	201	229	< 1	0.01	22	280	6	< 2	3	23	0.09	< 10	< 10	43	< 10	40
531-DM-1189	217	229	< 1	0.02	36	310	12	< 2	7	31	0.09	< 10	< 10	64	< 10	70
531-DM-1190	201	229	< 1	0.01	21	290	8	< 2	3	23	0.08	< 10	< 10	46	< 10	48
531-DM-1191	201	229	< 1	< 0.01	9	170	4	< 2	1	10	0.07	< 10	< 10	26	< 10	24
531-DM-1192	201	229	< 1	< 0.01	5	70	2	< 2	< 1	8	0.07	< 10	< 10	17	< 10	8
531-DM-1193	201	229	< 1	< 0.01	15	530	2	< 2	1	9	0.06	< 10	< 10	21	< 10	12
531-DM-1194	201	229	< 1	< 0.01	3	120	2	< 2	< 1	7	0.05	< 10	< 10	14	< 10	6
531-DM-1195	201	229	< 1	0.01	31	180	10	< 2	6	30	0.12	< 10	< 10	66	< 10	74
531-DM-1196	201	229	< 1	< 0.01	7	420	2	< 2	< 1	10	0.06	< 10	< 10	27	< 10	10
531-DM-1197	201	229	< 1	< 0.01	19	460	6	< 2	1	12	0.08	< 10	< 10	32	< 10	22
531-DM-1198	201	229	< 1	< 0.01	25	560	6	< 2	2	9	0.11	< 10	< 10	51	< 10	48
531-DM-1199	201	229	< 1	< 0.01	6	990	4	< 2	< 1	8	0.06	< 10	< 10	25	< 10	14
531-DM-1200	201	229	< 1	< 0.01	6	1390	2	< 2	< 1	6	0.06	< 10	< 10	29	< 10	12
531-DM-1201	201	229	< 1	< 0.01	7	1290	4	< 2	< 1	6	0.06	< 10	< 10	24	< 10	16
531-DM-1202	201	229	< 1	< 0.01	2	170	2	< 2	< 1	7	0.04	< 10	< 10	11	< 10	4
531-DM-1203	201	229	< 1	< 0.01	6	390	2	< 2	1	13	0.06	< 10	< 10	22	< 10	12
531-DM-1204	201	229	< 1	< 0.01	6	1150	4	< 2	< 1	9	0.05	< 10	< 10	24	< 10	12
531-DM-1205	201	229	< 1	< 0.01	6	350	2	< 2	< 1	8	0.06	< 10	< 10	23	< 10	6
531-DM-1206	201	229	< 1	< 0.01	7	280	2	< 2	< 1	9	0.07	< 10	< 10	23	< 10	8
531-DM-1207	201	229	< 1	< 0.01	17	1140	6	< 2	1	14	0.08	< 10	< 10	46	< 10	36
531-DM-1208	201	229	< 1	< 0.01	6	720	< 2	< 2	< 1	9	0.05	< 10	< 10	22	< 10	8
531-DM-1209	201	229	< 1	0.01	33	290	12	< 2	4	30	0.13	< 10	< 10	62	< 10	70
531-DM-1210	201	229	< 1	0.02	23	390	4	< 2	3	28	0.14	< 10	< 10	49	< 10	48
531-DM-1211	201	229	< 1	0.01	26	570	6	< 2	4	29	0.08	< 10	< 10	47	< 10	46
531-DM-1212	201	229	< 1	< 0.01	16	320	2	< 2	1	12	0.11	< 10	< 10	33	< 10	24
531-DM-1213	201	229	< 1	< 0.01	22	1460	4	< 2	1	16	0.09	< 10	< 10	41	< 10	78
531-DM-1220	201	229	< 1	< 0.01	11	250	2	< 2	1	12	0.08	< 10	< 10	22	< 10	14
531-DM-1221	201	229	< 1	< 0.01	23	290	4	< 2	1	12	0.09	< 10	< 10	36	< 10	66
531-DM-1222	201	229	< 1	< 0.01	19	110	4	< 2	1	14	0.11	< 10	< 10	45	< 10	18
531-DM-1223	201	229	< 1	< 0.01	9	400	2	< 2	1	10	0.06	< 10	< 10	21	< 10	8
531-DM-1224	201	229	< 1	< 0.01	31	350	4	< 2	1	10	0.11	< 10	< 10	46	< 10	22
531-DM-1225	201	229	< 1	< 0.01	16	140	4	< 2	1	9	0.09	< 10	< 10	30	< 10	18

CERTIFICATION:

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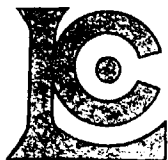
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SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-DM-1226	201 229	1 < 0.2	2.26	18	60 < 0.5	< 2	0.22 < 0.5	11	66	25	3.10 < 10	< 1	0.03 < 10	0.66	180					
531-DM-1227	201 229	58 < 0.2	1.46	36	90 < 0.5	< 2	0.62 < 0.5	10	51	32	1.96 < 10	< 1	0.04 < 10	0.48	885					
531-DM-1228	201 229	< 1 < 0.2	1.32	6	80 < 0.5	< 2	0.35 < 0.5	9	38	15	1.87 < 10	< 1	0.10 < 10	0.44	420					
531-DM-1229	201 229	2 < 0.2	1.17	2	60 < 0.5	< 2	0.43 < 0.5	4	38	6	1.57 < 10	< 1	0.08 < 10	0.35	160					
531-DM-1230	201 229	1 < 0.2	0.80	< 2	20 < 0.5	< 2	0.26 < 0.5	3	22	2	1.20 < 10	< 1	0.05 < 10	0.22	80					
531-DM-1231	201 229	< 1 < 0.2	0.95	< 2	40 < 0.5	< 2	0.25 < 0.5	6	32	2	1.78 < 10	< 1	0.03 < 10	0.20	65					
531-DM-1232	201 229	18 < 0.2	1.51	6	50 < 0.5	< 2	0.20 < 0.5	7	42	9	2.32 < 10	< 1	0.04 < 10	0.30	105					
531-DM-1233	201 229	1 < 0.2	0.97	8	30 < 0.5	< 2	0.14 < 0.5	4	36	8	1.97 < 10	< 1	0.03 < 10	0.24	80					
531-DM-1234	201 229	2 < 0.2	1.50	2	70 < 0.5	< 2	0.21 < 0.5	9	55	9	2.29 < 10	< 1	0.09 < 10	0.50	400					
531-DM-1235	201 229	< 1 < 0.2	1.19	4	40 < 0.5	< 2	0.34 < 0.5	5	36	8	1.47 < 10	< 1	0.15 < 10	0.48	135					
531-DM-1236	201 229	< 1 < 0.2	0.54	< 2	10 < 0.5	< 2	0.18 < 0.5	2	15	1	0.68 < 10	< 1	0.04 < 10	0.19	60					
531-DM-1237	201 229	< 1 < 0.2	2.42	< 2	110 < 0.5	2	0.32 < 0.5	10	57	14	2.83 < 10	< 1	0.25 < 10	0.85	490					
531-DM-1238	201 229	1 < 0.2	2.83	< 2	140 < 0.5	2	0.41 < 0.5	13	62	23	3.22 < 10	< 1	0.30 < 10	1.00	545					
531-DM-1239	201 229	1 < 0.2	2.22	< 2	100 < 0.5	2	0.40 < 0.5	8	53	26	2.82 < 10	< 1	0.29 < 10	0.79	245					
531-DM-1240	201 229	< 1 < 0.2	1.24	2	70 < 0.5	< 2	0.31 < 0.5	6	32	10	1.74 < 10	< 1	0.18 < 10	0.44	235					
531-DM-1241	201 229	1 < 0.2	0.79	< 2	60 < 0.5	< 2	0.34 < 0.5	5	19	5	1.09 < 10	< 1	0.07 < 10	0.24	310					
531-DM-1242	201 229	2 < 0.2	0.41	< 2	10 < 0.5	< 2	0.31 < 0.5	2	16	2	0.92 < 10	< 1	0.01 < 10	0.11	45					
531-DM-1243	201 229	< 1 < 0.2	0.70	< 2	20 < 0.5	< 2	0.22 < 0.5	2	19	1	1.03 < 10	< 1	0.02 < 10	0.14	55					
531-DM-1244	201 229	< 1 < 0.2	0.86	< 2	20 < 0.5	< 2	0.21 < 0.5	2	20	8	1.11 < 10	< 1	0.02 < 10	0.18	70					
531-DM-1245	201 229	< 1 < 0.2	1.41	12	30 < 0.5	< 2	0.14 < 0.5	7	42	13	2.55 < 10	< 1	0.03 < 10	0.54	150					
531-DM-1246	201 229	1 < 0.2	0.93	4	30 < 0.5	< 2	0.21 < 0.5	4	21	6	1.29 < 10	< 1	0.02 < 10	0.18	65					
531-DM-1247	201 229	4 < 0.2	1.13	50	30 < 0.5	< 2	0.18 < 0.5	9	59	11	2.12 < 10	< 1	0.04 < 10	0.42	115					
531-DM-1248	201 229	2 < 0.2	2.07	< 2	90 < 0.5	< 2	0.54 < 0.5	10	55	27	2.31 < 10	< 1	0.23 < 10	0.76	220					
531-DM-1249	201 229	1 < 0.2	0.55	< 2	10 < 0.5	< 2	0.32 < 0.5	3	26	4	0.98 < 10	< 1	0.02 < 10	0.26	85					
531-DM-1250	201 229	2 < 0.2	0.74	2	30 < 0.5	< 2	0.26 < 0.5	5	39	4	1.39 < 10	< 1	0.04 < 10	0.39	145					
531-DM-1251	201 229	< 1 < 0.2	0.61	2	20 < 0.5	< 2	0.26 < 0.5	3	19	3	0.89 < 10	< 1	0.03 < 10	0.29	105					
531-DM-1252	201 229	4 < 0.2	1.45	8	50 < 0.5	< 2	0.26 < 0.5	9	47	16	2.11 < 10	< 1	0.02 < 10	0.47	130					
531-DM-1253	201 229	4 < 0.2	1.47	16	30 < 0.5	< 2	0.19 < 0.5	11	55	17	2.36 < 10	< 1	0.04 < 10	0.42	120					
531-DM-1254	201 229	3 < 0.2	0.98	18	30 < 0.5	< 2	0.19 < 0.5	6	45	8	2.00 < 10	< 1	0.05 < 10	0.32	130					
531-DM-1255	201 229	2 < 0.2	1.00	4	30 < 0.5	< 2	0.35 < 0.5	6	34	12	1.38 < 10	< 1	0.04 < 10	0.38	110					
531-DM-1256	201 229	7 < 0.2	1.04	< 2	40 < 0.5	< 2	0.44 < 0.5	7	55	6	2.06 < 10	< 1	0.17 < 10	0.61	220					
531-DM-1257	201 229	4 < 0.2	2.72	16	150 < 0.5	< 2	0.68 < 0.5	13	69	48	3.24 < 10	< 1	0.24 < 10	0.77	980					
531-DM-1258	201 229	2 < 0.2	1.41	8	30 < 0.5	< 2	0.19 < 0.5	8	63	16	3.19 < 10	< 1	0.02 < 10	0.53	180					
531-DM-1259	201 229	4 < 0.2	1.83	< 2	90 < 0.5	< 2	0.56 < 0.5	6	40	10	2.04 < 10	< 1	0.12 < 10	0.47	210					
531-DM-1260	201 229	2 < 0.2	1.30	8	40 < 0.5	< 2	0.37 < 0.5	9	51	9	2.09 < 10	< 1	0.08 < 10	0.59	155					
531-DM-1261	201 229	5 < 0.2	1.07	20	30 < 0.5	< 2	0.17 < 0.5	7	47	9	2.69 < 10	< 1	0.05 < 10	0.30	110					
531-DM-1262	201 229	7 < 0.2	0.78	8	20 < 0.5	< 2	0.17 < 0.5	4	31	7	1.26 < 10	< 1	0.02 < 10	0.32	95					
531-DM-1263	201 229	1 < 0.2	2.77	< 2	70 < 0.5	2	0.36 < 0.5	24	304	18	4.32 < 10	< 1	0.05 < 10	1.86	595					
531-DM-1264	201 229	1 < 0.2	2.08	18	50 < 0.5	2	0.31 < 0.5	16	161	19	3.53 < 10	< 1	0.06 < 10	1.10	350					
531-DM-1265	201 229	2 < 0.2	1.48	18	30 < 0.5	< 2	0.17 < 0.5	7	42	8	2.18 < 10	< 1	0.03 < 10	0.20	75					

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :4-B  
Total Pages :5  
Certificate Date: 15-AUG-95  
Invoice No. :19523938  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9523938

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-1226	201 229	1 < 0.01		46	260	6 < 2		3	9	0.09	< 10	< 10	70	< 10	54
531-DM-1227	201 229	< 1 < 0.01		25	1040	10 < 2		2	19	0.06	< 10	< 10	40	< 10	74
531-DM-1228	201 229	1 < 0.01		23	190	6 < 2		2	18	0.08	< 10	< 10	40	< 10	36
531-DM-1229	201 229	< 1 < 0.01		15	580	4 < 2		2	15	0.08	< 10	< 10	29	< 10	22
531-DM-1230	201 229	< 1 < 0.01		8	540	4 < 2		1	13	0.07	< 10	< 10	26	< 10	16
531-DM-1231	201 229	< 1 < 0.01		20	580	4 < 2		1	13	0.11	< 10	< 10	34	< 10	18
531-DM-1232	201 229	< 1 < 0.01		30	980	6 < 2		1	12	0.09	< 10	< 10	43	< 10	44
531-DM-1233	201 229	< 1 < 0.01		23	420	4 < 2		1	9	0.09	< 10	< 10	39	< 10	28
531-DM-1234	201 229	< 1 < 0.01		28	350	6 < 2		2	13	0.09	< 10	< 10	47	< 10	68
531-DM-1235	201 229	< 1 < 0.01		19	590	6 < 2		2	19	0.09	< 10	< 10	31	< 10	32
531-DM-1236	201 229	< 1 < 0.01		6	330	4 < 2		1	9	0.06	< 10	< 10	17	< 10	14
531-DM-1237	201 229	< 1 < 0.01		26	210	8 < 2		5	25	0.12	< 10	< 10	58	< 10	66
531-DM-1238	201 229	< 1 < 0.01		30	250	12 < 2		6	29	0.12	< 10	< 10	61	< 10	76
531-DM-1239	201 229	1 < 0.01		24	400	12 < 2		6	27	0.07	< 10	< 10	52	< 10	54
531-DM-1240	201 229	< 1 < 0.01		14	350	6 < 2		3	19	0.06	< 10	< 10	34	< 10	36
531-DM-1241	201 229	< 1 < 0.01		9	420	4 < 2		1	14	0.05	< 10	< 10	22	< 10	18
531-DM-1242	201 229	< 1 < 0.01		6	720	< 2 < 2		< 1	11	0.05	< 10	< 10	19	< 10	6
531-DM-1243	201 229	< 1 < 0.01		7	410	2 < 2		1	11	0.07	< 10	< 10	22	< 10	12
531-DM-1244	201 229	< 1 < 0.01		9	390	2 < 2		1	11	0.08	< 10	< 10	23	< 10	16
531-DM-1245	201 229	< 1 < 0.01		24	320	6 < 2		3	9	0.10	< 10	< 10	58	< 10	46
531-DM-1246	201 229	< 1 < 0.01		22	570	2 < 2		1	11	0.08	< 10	< 10	25	< 10	14
531-DM-1247	201 229	< 1 < 0.01		45	320	4 < 2		1	12	0.09	< 10	< 10	39	< 10	34
531-DM-1248	201 229	< 1 < 0.01		32	300	8 < 2		5	28	0.10	< 10	< 10	43	< 10	56
531-DM-1249	201 229	< 1 < 0.01		12	630	2 < 2		1	14	0.06	< 10	< 10	22	< 10	16
531-DM-1250	201 229	< 1 < 0.01		18	320	4 < 2		1	11	0.08	< 10	< 10	31	< 10	28
531-DM-1251	201 229	< 1 < 0.01		9	420	4 < 2		1	12	0.06	< 10	< 10	20	< 10	18
531-DM-1252	201 229	< 1 < 0.01		64	470	4 < 2		2	13	0.09	< 10	< 10	43	< 10	24
531-DM-1253	201 229	< 1 < 0.01		63	470	8 < 2		1	9	0.08	< 10	< 10	39	< 10	38
531-DM-1254	201 229	< 1 < 0.01		30	730	6 < 2		1	11	0.07	< 10	< 10	35	< 10	30
531-DM-1255	201 229	< 1 < 0.01		38	710	2 < 2		1	15	0.08	< 10	< 10	29	< 10	22
531-DM-1256	201 229	< 1 < 0.01		24	620	2 < 2		2	18	0.10	< 10	< 10	43	< 10	30
531-DM-1257	201 229	< 1 < 0.01		54	410	8 < 2		7	24	0.09	< 10	< 10	63	< 10	56
531-DM-1258	201 229	< 1 < 0.01		28	270	6 < 2		3	10	0.10	< 10	< 10	64	< 10	44
531-DM-1259	201 229	< 1 < 0.01		17	220	6 < 2		4	20	0.09	< 10	< 10	40	< 10	30
531-DM-1260	201 229	< 1 < 0.01		38	230	4 < 2		2	15	0.12	< 10	< 10	38	< 10	38
531-DM-1261	201 229	< 1 < 0.01		28	460	6 < 2		1	10	0.11	< 10	< 10	50	< 10	26
531-DM-1262	201 229	< 1 < 0.01		17	110	4 < 2		1	10	0.10	< 10	< 10	29	< 10	18
531-DM-1263	201 229	< 1 < 0.01		90	520	6 < 2		6	13	0.15	< 10	< 10	109	< 10	90
531-DM-1264	201 229	< 1 < 0.01		61	900	6 < 2		3	14	0.11	< 10	< 10	74	< 10	76
531-DM-1265	201 229	< 1 < 0.01		25	950	2 < 2		1	9	0.07	< 10	< 10	39	< 10	26

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 5-A  
Total Pages : 5  
Certificate Date: 15-AUG-95  
Invoice No. : 19523938  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523938

SAMPLE	PREP		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-DM-1266	201	229	3 < 0.2	0.82	16	20 < 0.5	< 2	0.09 < 0.5	4	29	6	1.66 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.22	75			
531-DM-1267	201	229	4 < 0.2	0.99	4	30 < 0.5	< 2	0.21 < 0.5	4	21	7	1.08 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.34	105			
531-DM-1268	201	229	4 < 0.2	1.16	12	30 < 0.5	< 2	0.16 < 0.5	7	64	11	1.57 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.41	155			
531-DM-1269	201	229	1 < 0.2	2.08	12	40 < 0.5	< 2	0.16 < 0.5	10	82	83	2.42 < 10	< 1	0.05 < 10	< 1	0.05 < 10	0.52	210			
531-DM-1270	201	229	1 < 0.2	1.23	12	20 < 0.5	< 2	0.18 < 0.5	7	45	14	1.87 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.26	80			
531-DM-1271	201	229	< 1 < 0.2	0.73	4	30 < 0.5	< 2	0.26 < 0.5	4	17	3	0.80 < 10	< 1	0.07 < 10	< 1	0.07 < 10	0.24	100			
531-DM-1272	201	229	1 < 0.2	2.05	6	80 < 0.5	< 2	0.59 < 0.5	9	43	18	2.06 < 10	< 1	0.15 < 10	< 1	0.15 < 10	0.62	185			
531-DM-1273	201	229	< 1 < 0.2	1.00	4	20 < 0.5	< 2	0.22 < 0.5	3	21	6	1.14 < 10	< 1	0.05 < 10	< 1	0.05 < 10	0.30	95			
531-DM-1274	201	229	< 1 < 0.2	1.93	8	80 < 0.5	< 2	0.31 < 0.5	11	42	15	2.24 < 10	< 1	0.33 < 10	< 1	0.33 < 10	0.70	490			
531-DM-1275	201	229	1 < 0.2	2.09	8	110 < 0.5	< 2	0.57 < 0.5	12	46	24	2.45 < 10	< 1	0.28 < 10	< 1	0.28 < 10	0.80	535			
531-DM-1276	201	229	< 1 < 0.2	1.83	6	110 < 0.5	< 2	0.61 < 0.5	9	41	13	2.04 < 10	< 1	0.20 < 10	< 1	0.20 < 10	0.62	300			
531-DM-1277	201	229	1 < 0.2	1.19	4	50 < 0.5	< 2	0.32 < 0.5	5	29	11	1.36 < 10	< 1	0.08 < 10	< 1	0.08 < 10	0.40	165			
531-DM-1278	201	229	< 1 < 0.2	1.09	6	30 < 0.5	< 2	0.17 < 0.5	4	22	7	1.53 < 10	< 1	0.02 < 10	< 1	0.02 < 10	0.24	90			
531-DM-1279	201	229	27 < 0.2	1.85	20	40 < 0.5	< 2	0.16 < 0.5	9	41	19	2.51 < 10	< 1	0.04 < 10	< 1	0.04 < 10	0.44	295			
531-DM-1280	201	229	12 < 0.2	0.96	10	20 < 0.5	< 2	0.17 < 0.5	5	29	8	1.49 < 10	< 1	0.02 < 10	< 1	0.02 < 10	0.18	85			
531-DM-1281	201	229	5 < 0.2	1.78	6	30 < 0.5	< 2	0.10 < 0.5	8	31	22	2.58 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.51	165			
531-DM-1282	201	229	2 < 0.2	1.11	12	30 < 0.5	< 2	0.23 < 0.5	8	31	10	1.67 < 10	< 1	0.03 < 10	< 1	0.03 < 10	0.39	170			
531-DM-1283	201	229	4 < 0.2	0.99	10	40 < 0.5	< 2	0.31 < 0.5	6	34	10	1.56 < 10	< 1	0.06 < 10	< 1	0.06 < 10	0.33	100			
531-DM-1284	201	229	2 < 0.2	0.76	8	20 < 0.5	< 2	0.19 < 0.5	5	39	7	1.83 < 10	< 1	0.07 < 10	< 1	0.07 < 10	0.29	90			
531-DM-1285	201	229	2 < 0.2	1.57	14	60 < 0.5	< 2	0.34 < 0.5	13	37	20	2.25 < 10	< 1	0.07 < 10	< 1	0.07 < 10	0.53	615			
531-DM-1286	201	229	2 0.3	0.70	4	20 < 0.5	< 2	0.17 < 0.5	6	48	7	1.24 < 10	< 1	0.02 < 10	< 1	0.02 < 10	0.35	175			

CERTIFICATION: *Stuart Deveau*





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Page Number : 3-A  
 Total Pages : 3  
 Certificate Date: 22-AUG-95  
 Invoice No. : 19524399  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

## CERTIFICATE OF ANALYSIS A9524399

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-DM-1341	201	229	< 1	< 0.2	0.72	4	20	< 0.5	2	0.24	< 0.5	2	27	4	0.99	< 10	< 1	0.03	< 10	0.25	100
531-DM-1342	201	229	1	< 0.2	0.94	< 2	40	0.5	< 2	0.27	< 0.5	4	25	6	1.19	< 10	< 1	0.11	10	0.37	190
531-DM-1343	201	229	< 1	< 0.2	1.16	2	50	0.5	< 2	0.24	< 0.5	3	25	9	1.19	< 10	< 1	0.12	10	0.37	130
531-DM-1344	201	229	< 1	< 0.2	1.04	< 2	40	0.5	2	0.25	< 0.5	3	25	9	1.18	< 10	< 1	0.12	10	0.37	150
531-DM-1345	201	229	3	< 0.2	0.72	2	20	0.5	< 2	0.24	< 0.5	2	18	6	0.96	< 10	< 1	0.07	< 10	0.25	80
531-DM-1346	201	229	2	< 0.2	0.78	10	30	< 0.5	< 2	0.43	< 0.5	4	30	8	1.29	< 10	< 1	0.04	10	0.35	145
531-DM-1347	217	229	< 1	< 0.2	2.93	< 2	160	1.5	2	0.57	< 0.5	19	74	25	3.34	10	< 1	0.58	10	1.09	910
531-DM-1348	201	229	< 1	< 0.2	1.68	12	90	0.5	< 2	0.44	< 0.5	7	34	14	1.93	< 10	< 1	0.23	10	0.57	175
531-DM-1349	201	229	4	< 0.2	0.50	< 2	10	< 0.5	< 2	0.19	< 0.5	2	15	3	0.72	< 10	< 1	0.03	< 10	0.17	65
531-DM-1350	217	229	< 1	< 0.2	2.45	6	110	1.0	4	0.39	< 0.5	13	92	18	2.70	10	< 1	0.34	10	0.80	480
531-DM-1351	201	229	3	< 0.2	0.86	4	20	< 0.5	< 2	0.24	< 0.5	2	36	6	1.41	< 10	< 1	0.05	< 10	0.39	140
531-DM-1352	201	229	< 1	< 0.2	0.81	6	20	< 0.5	< 2	0.21	< 0.5	2	20	3	1.07	< 10	< 1	0.03	< 10	0.18	85
531-DM-1353	201	229	5	< 0.2	1.80	< 2	80	1.0	< 2	0.31	< 0.5	8	43	13	2.11	< 10	< 1	0.21	10	0.62	435
531-DM-1354	217	229	1	< 0.2	3.44	4	170	1.5	< 2	0.64	< 0.5	17	76	37	3.74	10	< 1	0.57	20	1.21	660
531-DM-1355	201	229	< 1	< 0.2	1.02	< 2	40	0.5	4	0.36	< 0.5	5	26	7	1.27	< 10	< 1	0.16	< 10	0.39	205
531-DM-1356	201	229	< 1	< 0.2	0.52	2	20	< 0.5	2	0.25	< 0.5	3	15	3	0.66	< 10	< 1	0.06	< 10	0.19	95
531-DM-1357	201	229	< 1	< 0.2	1.20	< 2	40	0.5	< 2	0.29	< 0.5	5	37	8	1.67	< 10	1	0.09	10	0.52	255
531-DM-1358	201	229	3	< 0.2	0.89	6	20	0.5	< 2	0.18	< 0.5	5	46	6	1.79	< 10	< 1	0.03	< 10	0.26	95
531-DM-1359	201	229	3	< 0.2	1.72	20	70	1.0	< 2	0.33	< 0.5	14	49	17	2.90	< 10	< 1	0.06	< 10	0.60	390
531-DM-1360	201	229	4	< 0.2	2.77	48	80	1.5	2	0.17	< 0.5	17	51	50	4.14	< 10	< 1	0.06	< 10	0.57	305
531-DM-1361	201	229	4	< 0.2	0.50	14	20	0.5	< 2	0.16	< 0.5	3	54	7	1.34	< 10	< 1	0.04	< 10	0.28	130
531-DM-1362	201	229	2	< 0.2	0.44	< 2	10	< 0.5	< 2	0.22	< 0.5	2	11	4	0.51	< 10	< 1	0.01	< 10	0.17	50
531-DM-1363	201	229	2	< 0.2	0.38	2	10	< 0.5	< 2	0.17	< 0.5	1	10	2	0.46	< 10	< 1	0.01	< 10	0.11	35
531-DM-1364	217	229	1	< 0.2	2.68	2	120	1.5	< 2	0.42	< 0.5	10	62	25	2.93	10	< 1	0.30	10	0.81	300
531-DM-1365	201	229	2	< 0.2	0.90	< 2	30	0.5	< 2	0.23	< 0.5	4	24	5	1.25	< 10	< 1	0.06	< 10	0.29	120
531-DM-1366	201	229	38	< 0.2	0.97	8	20	0.5	< 2	0.22	< 0.5	3	25	6	1.93	< 10	< 1	0.02	< 10	0.12	40

CERTIFICATION: \_\_\_\_\_





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## CERTIFICATE OF ANALYSIS

### A9524399

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-DM-1341	201 229	< 1	0.01	9	110	2	< 2	2	16	0.10	< 10	< 10	27	< 10	28
531-DM-1342	201 229	< 1	0.01	11	200	4	2	2	18	0.09	< 10	< 10	28	< 10	30
531-DM-1343	201 229	< 1	0.01	13	230	6	< 2	2	17	0.09	< 10	< 10	26	< 10	28
531-DM-1344	201 229	< 1	0.01	11	240	6	2	2	17	0.08	< 10	< 10	26	< 10	26
531-DM-1345	201 229	< 1	< 0.01	9	390	6	2	1	12	0.07	< 10	< 10	22	< 10	16
531-DM-1346	201 229	< 1	0.01	15	680	2	2	2	15	0.09	< 10	< 10	28	< 10	20
531-DM-1347	217 229	< 1	0.03	35	310	16	2	8	32	0.13	< 10	< 10	70	< 10	78
531-DM-1348	201 229	< 1	0.01	18	340	6	2	4	23	0.08	< 10	< 10	37	< 10	50
531-DM-1349	201 229	< 1	< 0.01	6	270	2	< 2	1	11	0.07	< 10	< 10	19	< 10	16
531-DM-1350	217 229	1	0.02	27	220	10	6	6	27	0.11	< 10	< 10	60	< 10	56
531-DM-1351	201 229	< 1	0.01	15	300	2	2	2	16	0.10	< 10	< 10	34	< 10	28
531-DM-1352	201 229	< 1	0.01	10	460	2	4	1	13	0.08	< 10	< 10	25	< 10	30
531-DM-1353	201 229	< 1	0.01	19	390	12	4	4	22	0.12	< 10	< 10	45	< 10	60
531-DM-1354	217 229	< 1	0.03	36	420	12	4	10	36	0.13	< 10	< 10	80	< 10	82
531-DM-1355	201 229	< 1	0.01	12	480	6	< 2	2	18	0.09	< 10	< 10	28	< 10	30
531-DM-1356	201 229	< 1	< 0.01	7	570	2	< 2	1	11	0.06	< 10	< 10	16	< 10	14
531-DM-1357	201 229	< 1	0.01	16	150	4	2	3	22	0.11	< 10	< 10	39	< 10	44
531-DM-1358	201 229	< 1	< 0.01	25	530	4	2	1	12	0.09	< 10	< 10	34	< 10	40
531-DM-1359	201 229	< 1	< 0.01	39	690	6	4	2	17	0.10	< 10	< 10	53	< 10	78
531-DM-1360	201 229	1	< 0.01	62	610	4	4	3	10	0.10	< 10	< 10	66	< 10	74
531-DM-1361	201 229	< 1	< 0.01	26	190	8	< 2	1	9	0.08	< 10	< 10	29	< 10	22
531-DM-1362	201 229	< 1	< 0.01	8	460	4	2	1	9	0.06	< 10	< 10	13	< 10	8
531-DM-1363	201 229	< 1	< 0.01	4	270	2	< 2	< 1	8	0.06	< 10	< 10	14	< 10	6
531-DM-1364	217 229	< 1	0.02	25	230	10	2	7	25	0.08	< 10	< 10	62	< 10	54
531-DM-1365	201 229	< 1	0.01	9	240	2	2	2	15	0.09	< 10	< 10	28	< 10	22
531-DM-1366	201 229	< 1	< 0.01	14	680	4	4	1	9	0.08	< 10	< 10	37	< 10	12

CERTIFICATION: Robert Buchler



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

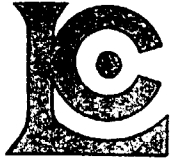
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date : 15-AUG-95  
 Invoice No. : I9523772  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523772

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-CT-001	201 229	< 1	< 0.2	1.11	8	40	< 0.5	2	0.32	< 0.5	8	40	13	1.53	< 10	< 1	0.04	10	0.43	180
531-CT-002	201 229	15	< 0.2	3.49	26	110	0.5	2	0.33	< 0.5	29	132	111	4.11	10	< 1	0.05	10	1.08	825
531-CT-003	201 229	3	< 0.2	0.87	2	20	< 0.5	2	0.18	< 0.5	7	57	6	1.54	< 10	< 1	0.02	< 10	0.53	115
531-CT-004	201 229	4	< 0.2	1.00	6	30	< 0.5	2	0.25	< 0.5	8	41	9	1.44	< 10	< 1	0.04	10	0.49	235
531-CT-005	201 229	2	< 0.2	4.57	6	140	< 0.5	< 2	0.45	< 0.5	26	68	63	9.39	10	< 1	0.05	20	1.97	2770
531-CT-006	201 229	< 1	< 0.2	3.40	2	100	< 0.5	< 2	0.12	< 0.5	24	63	34	5.11	10	< 1	0.03	< 10	1.49	740
531-CT-007	201 229	3	< 0.2	1.67	16	130	< 0.5	2	0.18	< 0.5	14	44	15	3.13	< 10	< 1	0.04	10	0.57	890
531-CT-008	201 229	< 1	< 0.2	1.04	< 2	40	< 0.5	< 2	0.16	< 0.5	8	37	8	1.51	< 10	< 1	0.03	10	0.48	200
531-CT-009	201 229	< 1	< 0.2	3.99	16	110	< 0.5	< 2	0.18	< 0.5	22	272	20	4.39	< 10	< 1	0.03	< 10	2.31	565
531-CT-010	201 229	2	< 0.2	5.50	6	150	0.5	< 2	0.74	< 0.5	28	561	38	5.71	10	< 1	0.06	10	2.44	2220
531-CT-011	201 229	< 1	< 0.2	4.65	< 2	140	0.5	< 2	0.28	< 0.5	21	337	27	3.24	< 10	< 1	0.06	10	1.81	680
531-CT-012	201 229	< 1	< 0.2	0.79	2	20	< 0.5	< 2	0.13	< 0.5	4	82	2	1.37	< 10	< 1	0.03	< 10	0.38	120
531-CT-013	201 229	2	0.2	0.82	8	20	< 0.5	< 2	0.16	< 0.5	6	43	7	1.90	< 10	< 1	0.03	< 10	0.30	120
531-CT-014	201 229	2	< 0.2	0.51	< 2	20	< 0.5	< 2	0.22	< 0.5	4	20	4	0.77	< 10	< 1	0.04	10	0.22	125
531-CT-015	201 229	< 1	< 0.2	1.19	< 2	60	< 0.5	< 2	0.41	< 0.5	7	43	10	1.60	< 10	< 1	0.08	10	0.42	310
531-CT-016	201 229	3	< 0.2	0.83	12	30	< 0.5	2	0.18	< 0.5	7	35	9	1.63	< 10	< 1	0.03	10	0.27	80
531-CT-017	201 229	5	< 0.2	1.39	18	40	< 0.5	< 2	0.14	< 0.5	10	54	13	2.12	< 10	< 1	0.04	10	0.52	140
531-CT-018	201 229	4	< 0.2	1.74	16	60	< 0.5	< 2	0.17	< 0.5	7	40	11	2.30	< 10	< 1	0.04	< 10	0.51	120
531-CT-019	201 229	3	< 0.2	5.46	26	80	< 0.5	< 2	0.15	< 0.5	27	229	57	3.52	< 10	< 1	0.05	< 10	1.96	260
531-CT-020	201 229	3	< 0.2	0.29	6	20	< 0.5	< 2	0.11	< 0.5	1	36	1	0.77	< 10	< 1	0.01	< 10	0.09	40
531-CT-021	201 229	1	< 0.2	1.13	8	20	< 0.5	4	0.21	< 0.5	8	30	10	1.72	< 10	< 1	0.03	10	0.28	95
531-CT-022	201 229	16	0.2	1.80	8	40	< 0.5	2	0.20	< 0.5	11	30	15	2.43	10	< 1	0.06	10	0.61	180
531-CT-023	201 229	< 1	0.2	1.13	12	30	< 0.5	4	0.22	< 0.5	13	71	5	2.11	< 10	< 1	0.08	10	0.59	265
531-CT-024	201 229	< 1	< 0.2	0.69	< 2	10	< 0.5	2	0.22	< 0.5	4	31	3	1.42	< 10	< 1	0.03	10	0.34	90
531-CT-025	201 229	6	0.2	1.15	< 2	30	< 0.5	4	0.19	< 0.5	8	55	7	1.98	< 10	< 1	0.04	10	0.62	255
531-CT-026	201 229	< 1	< 0.2	1.22	4	40	< 0.5	2	0.29	< 0.5	6	31	7	1.57	< 10	< 1	0.07	10	0.47	180
531-CT-027	201 229	< 1	< 0.2	0.70	6	20	< 0.5	2	0.31	< 0.5	5	21	4	1.05	< 10	< 1	0.03	10	0.30	105
531-CT-028	201 229	< 1	0.2	1.87	< 2	40	< 0.5	2	0.26	< 0.5	10	51	13	3.18	< 10	< 1	0.08	10	0.72	190
531-CT-029	201 229	3	< 0.2	1.01	< 2	30	< 0.5	2	0.22	< 0.5	5	37	3	1.51	< 10	< 1	0.06	10	0.38	120
531-CT-030	201 229	10	< 0.2	1.20	6	20	< 0.5	2	0.13	< 0.5	8	62	6	2.47	< 10	< 1	0.04	< 10	0.61	115
531-CT-031	201 229	< 1	< 0.2	0.80	< 2	20	< 0.5	< 2	0.26	< 0.5	4	26	3	1.08	< 10	< 1	0.04	10	0.32	130
531-CT-032	201 229	3	< 0.2	0.67	2	10	< 0.5	< 2	0.17	< 0.5	5	48	3	1.48	< 10	< 1	0.04	< 10	0.36	85
531-CT-033	201 229	< 1	0.2	2.36	8	110	0.5	2	0.55	< 0.5	12	69	25	2.74	10	< 1	0.35	20	0.82	480
531-CT-034	201 229	3	< 0.2	1.01	< 2	10	< 0.5	2	0.20	< 0.5	6	40	4	1.73	< 10	< 1	0.05	< 10	0.33	95
531-CT-035	201 229	< 1	< 0.2	1.99	14	50	< 0.5	2	0.18	< 0.5	11	50	21	2.34	< 10	< 1	0.04	10	0.58	165
531-CT-036	201 229	< 1	< 0.2	1.24	2	30	< 0.5	< 2	0.22	< 0.5	11	51	15	2.36	< 10	< 1	0.04	10	0.61	175
531-CT-037	217 229	14	< 0.2	3.82	48	190	< 0.5	< 2	0.83	0.5	37	121	43	8.58	10	< 1	0.08	10	2.62	3910
531-CT-038	201 229	20	< 0.2	2.01	22	70	< 0.5	2	0.52	< 0.5	18	95	26	2.94	< 10	< 1	0.05	20	0.91	690
531-CT-039	201 229	< 1	< 0.2	0.53	< 2	10	< 0.5	< 2	0.19	< 0.5	2	16	2	0.73	< 10	< 1	0.02	10	0.20	65
531-CT-040	201 229	< 1	< 0.2	1.81	< 2	50	< 0.5	< 2	0.19	< 0.5	10	129	17	2.11	< 10	< 1	0.04	10	0.47	140

CERTIFICATION: *Hart Bickler*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project: 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-B  
Total Pages : 5  
Certificate Date: 15-AUG-95  
Invoice No. : 19523772  
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## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-CT-001	201 229	< 1	0.01	32	440	4	< 2	2	16	0.10	< 10	< 10	33	< 10	30
531-CT-002	201 229	< 1	< 0.01	113	480	6	< 2	6	12	0.09	< 10	< 10	86	< 10	156
531-CT-003	201 229	< 1	< 0.01	30	100	4	< 2	1	11	0.12	< 10	< 10	38	< 10	34
531-CT-004	201 229	< 1	0.01	32	210	4	< 2	2	14	0.11	< 10	< 10	33	< 10	32
531-CT-005	201 229	< 1	0.05	54	460	2	< 2	24	9	0.09	< 10	< 10	188	< 10	86
531-CT-006	201 229	< 1	0.01	26	580	< 2	2	8	5	0.11	< 10	< 10	137	< 10	80
531-CT-007	201 229	< 1	< 0.01	36	500	6	< 2	2	9	0.06	< 10	< 10	59	< 10	56
531-CT-008	201 229	< 1	< 0.01	34	120	2	< 2	2	10	0.08	< 10	< 10	34	< 10	34
531-CT-009	201 229	< 1	< 0.01	42	210	2	< 2	12	6	0.13	< 10	< 10	122	< 10	84
531-CT-010	201 229	< 1	0.01	68	450	< 2	< 2	14	10	0.11	< 10	< 10	106	20	68
531-CT-011	201 229	< 1	0.01	58	400	< 2	< 2	4	10	0.09	< 10	< 10	70	< 10	102
531-CT-012	201 229	< 1	< 0.01	19	210	6	< 2	1	9	0.06	< 10	< 10	27	< 10	28
531-CT-013	201 229	< 1	< 0.01	37	610	4	< 2	1	10	0.07	< 10	< 10	32	< 10	50
531-CT-014	201 229	< 1	< 0.01	11	400	2	< 2	1	9	0.04	< 10	< 10	16	< 10	16
531-CT-015	201 229	< 1	0.01	31	330	4	2	2	14	0.07	< 10	< 10	30	< 10	30
531-CT-016	201 229	< 1	< 0.01	47	250	2	< 2	1	11	0.10	< 10	< 10	32	< 10	16
531-CT-017	201 229	< 1	< 0.01	45	210	6	< 2	2	11	0.13	< 10	< 10	47	< 10	44
531-CT-018	201 229	< 1	< 0.01	25	320	6	< 2	2	11	0.09	< 10	< 10	61	< 10	40
531-CT-019	201 229	< 1	0.01	90	980	2	< 2	3	6	0.09	< 10	< 10	66	70	194
531-CT-020	201 229	< 1	< 0.01	10	90	4	< 2	< 1	10	0.06	< 10	< 10	18	< 10	12
531-CT-021	201 229	< 1	< 0.01	43	490	2	< 2	1	10	0.09	< 10	< 10	28	< 10	20
531-CT-022	201 229	1	< 0.01	24	310	4	2	2	9	0.09	< 10	< 10	51	< 10	84
531-CT-023	201 229	1	< 0.01	41	210	4	< 2	2	10	0.11	< 10	< 10	37	< 10	38
531-CT-024	201 229	< 1	0.01	16	120	2	< 2	1	12	0.11	< 10	< 10	32	< 10	20
531-CT-025	201 229	< 1	< 0.01	32	640	2	< 2	3	8	0.08	< 10	< 10	36	< 10	56
531-CT-026	201 229	< 1	0.01	18	340	4	< 2	2	15	0.08	< 10	< 10	30	< 10	32
531-CT-027	201 229	< 1	0.01	16	490	< 2	< 2	1	12	0.07	< 10	< 10	21	< 10	20
531-CT-028	201 229	< 1	< 0.01	43	660	2	< 2	3	10	0.12	< 10	< 10	53	< 10	58
531-CT-029	201 229	< 1	0.01	13	150	4	< 2	2	16	0.10	< 10	< 10	33	< 10	24
531-CT-030	201 229	< 1	< 0.01	36	160	8	< 2	2	9	0.11	< 10	< 10	54	< 10	28
531-CT-031	201 229	< 1	0.01	10	90	4	< 2	2	19	0.11	< 10	< 10	25	< 10	20
531-CT-032	201 229	< 1	< 0.01	25	90	< 2	< 2	1	10	0.10	< 10	< 10	31	< 10	18
531-CT-033	201 229	< 1	0.02	42	200	8	4	7	25	0.11	< 10	< 10	52	< 10	52
531-CT-034	201 229	< 1	< 0.01	26	290	2	< 2	1	11	0.10	< 10	< 10	33	< 10	24
531-CT-035	201 229	1	< 0.01	36	430	2	< 2	2	10	0.11	< 10	< 10	44	< 10	76
531-CT-036	201 229	< 1	< 0.01	37	430	2	< 2	2	9	0.15	< 10	< 10	52	< 10	60
531-CT-037	217 229	< 1	0.02	62	600	64	< 2	18	9	0.06	< 10	< 10	204	10	200
531-CT-038	201 229	1	0.01	68	180	4	< 2	5	9	0.11	< 10	< 10	58	< 10	68
531-CT-039	201 229	< 1	< 0.01	7	360	2	< 2	1	11	0.04	< 10	< 10	17	< 10	14
531-CT-040	201 229	< 1	< 0.01	57	320	8	2	2	12	0.07	< 10	< 10	41	< 10	80

CERTIFICATION: *[Signature]*



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To: PLACER DOME CANADA LIMITED

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Project: 531  
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Page Number :2-A  
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## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-CT-041	201 229	< 1	0.2	1.64	2	80	0.5	< 2	0.44	< 0.5	9	53	16	2.13	< 10	< 1	0.12	30	0.60	405
531-CT-042	201 229	< 1	< 0.2	0.56	12	10	< 0.5	< 2	0.25	< 0.5	4	27	7	1.31	< 10	< 1	0.02	10	0.24	105
531-CT-043	201 229	< 1	< 0.2	1.03	6	20	< 0.5	2	0.16	< 0.5	4	37	2	2.18	< 10	< 1	0.03	10	0.17	85
531-CT-044	201 229	5	< 0.2	1.46	2	60	< 0.5	< 2	0.24	< 0.5	10	36	3	1.99	< 10	< 1	0.08	10	0.28	185
531-CT-045	201 229	2	< 0.2	0.85	< 2	30	< 0.5	< 2	0.13	< 0.5	3	23	2	1.22	< 10	< 1	0.02	< 10	0.14	65
531-CT-046	201 229	24	< 0.2	1.07	14	40	< 0.5	< 2	0.20	< 0.5	6	196	3	1.45	< 10	< 1	0.08	10	0.35	145
531-CT-047	201 229	11	< 0.2	0.82	4	40	< 0.5	2	0.22	< 0.5	6	195	4	1.40	< 10	< 1	0.12	10	0.54	180
531-CT-048	201 229	< 1	< 0.2	0.94	4	40	< 0.5	< 2	0.16	< 0.5	6	169	3	1.28	< 10	< 1	0.09	< 10	0.39	145
531-CT-049	201 229	1	0.2	1.21	4	50	< 0.5	< 2	0.34	< 0.5	8	264	6	2.05	< 10	< 1	0.21	10	0.62	200
531-CT-050	217 229	2	< 0.2	2.55	8	40	< 0.5	4	0.17	< 0.5	15	148	14	3.66	< 10	< 1	0.07	< 10	1.46	350
531-CT-051	217 229	1	< 0.2	1.55	4	50	< 0.5	< 2	0.16	< 0.5	7	32	15	1.73	< 10	< 1	0.03	10	0.28	100
531-CT-052	217 229	< 1	< 0.2	1.77	6	60	< 0.5	< 2	0.21	< 0.5	9	40	12	2.19	< 10	< 1	0.04	10	0.41	135
531-CT-053	217 229	< 1	< 0.2	0.84	4	30	< 0.5	< 2	0.19	< 0.5	5	248	2	1.00	< 10	< 1	0.08	< 10	0.18	85
531-CT-054	201 229	1	< 0.2	0.89	2	20	< 0.5	< 2	0.29	< 0.5	3	27	2	1.25	< 10	< 1	0.06	10	0.33	110
531-CT-055	201 229	2	< 0.2	1.07	< 2	30	< 0.5	< 2	0.32	< 0.5	5	30	6	1.38	< 10	< 1	0.10	10	0.39	140
531-CT-056	201 229	4	< 0.2	0.82	< 2	30	< 0.5	< 2	0.15	< 0.5	6	44	5	1.37	< 10	< 1	0.04	10	0.21	110
531-CT-057	217 229	< 1	< 0.2	0.70	4	20	< 0.5	< 2	0.20	< 0.5	4	25	5	1.10	< 10	< 1	0.03	10	0.19	70
531-CT-058	201 229	5	< 0.2	1.06	6	40	< 0.5	< 2	0.23	< 0.5	6	31	14	1.49	< 10	< 1	0.03	10	0.24	115
531-CT-059A	201 229	5	< 0.2	1.00	12	40	< 0.5	< 2	0.23	< 0.5	8	52	19	1.85	< 10	< 1	0.06	10	0.36	215
531-CT-059B	201 229	16	< 0.2	1.05	< 2	30	< 0.5	< 2	0.22	< 0.5	4	27	4	1.08	< 10	< 1	0.04	10	0.27	95
531-CT-060	201 229	< 1	< 0.2	1.83	10	40	< 0.5	< 2	0.21	< 0.5	13	45	17	2.41	< 10	< 1	0.09	10	0.46	190
531-CT-061	201 229	1	< 0.2	1.27	6	50	< 0.5	< 2	0.17	< 0.5	8	36	13	1.88	< 10	< 1	0.07	< 10	0.37	130
531-CT-062	217 229	3	< 0.2	1.30	12	60	< 0.5	< 2	0.29	< 0.5	10	214	11	2.40	< 10	< 1	0.14	10	0.59	295
531-CT-063	217 229	3	< 0.2	1.42	8	80	< 0.5	< 2	0.30	< 0.5	10	193	11	2.42	< 10	< 1	0.21	10	0.76	290
531-CT-064	217 229	3	< 0.2	1.32	8	90	< 0.5	< 2	0.36	< 0.5	9	277	9	2.10	< 10	< 1	0.30	10	0.78	245
531-CT-065	217 229	3	< 0.2	1.94	18	80	< 0.5	< 2	0.48	< 0.5	11	238	28	3.26	< 10	< 1	0.27	10	0.92	395
531-CT-066	201 229	7	< 0.2	1.66	24	90	< 0.5	< 2	0.29	< 0.5	11	86	15	2.71	< 10	< 1	0.10	10	0.97	480
531-CT-067	217 229	2	< 0.2	3.53	108	90	< 0.5	< 2	0.25	< 0.5	30	202	70	9.53	< 10	< 1	0.09	10	1.91	1765
531-CT-068	201 229	4	< 0.2	1.58	6	80	< 0.5	< 2	0.26	< 0.5	7	39	15	2.15	< 10	< 1	0.06	10	0.56	290
531-CT-069	217 229	< 1	< 0.2	1.06	< 2	40	< 0.5	< 2	0.27	< 0.5	7	179	7	1.80	< 10	< 1	0.13	10	0.48	220
531-CT-070	201 229	< 1	< 0.2	1.88	4	100	< 0.5	< 2	0.33	< 0.5	14	46	13	2.37	< 10	< 1	0.09	10	0.51	970
531-CT-071	201 229	2	< 0.2	0.49	2	20	< 0.5	< 2	0.15	< 0.5	2	16	2	0.63	< 10	< 1	0.03	< 10	0.15	50
531-CT-072	217 229	< 1	< 0.2	5.71	16	300	1.0	< 2	1.15	< 0.5	21	120	65	4.43	20	< 1	0.18	50	0.53	1385
531-CT-073	201 229	3	< 0.2	0.32	< 2	10	< 0.5	< 2	0.20	< 0.5	1	13	1	0.50	< 10	< 1	0.01	< 10	0.11	40
531-CT-074	201 229	< 1	< 0.2	0.46	< 2	20	< 0.5	< 2	0.26	< 0.5	2	14	1	0.65	< 10	< 1	0.02	< 10	0.16	55
531-CT-075	201 229	1	0.2	0.63	< 2	30	< 0.5	< 2	0.34	< 0.5	5	18	9	0.89	< 10	< 1	0.02	10	0.16	240
531-CT-076	201 229	5	< 0.2	0.59	4	10	< 0.5	< 2	0.22	< 0.5	2	15	42	0.84	< 10	< 1	0.01	20	0.16	75
531-CT-077	201 229	4	0.2	2.00	2	60	< 0.5	< 2	0.23	< 0.5	11	46	23	3.09	< 10	< 1	0.05	10	0.55	205
531-CT-078	217 229	< 1	0.2	1.42	< 2	60	< 0.5	< 2	0.21	< 0.5	6	190	6	2.05	< 10	< 1	0.12	10	0.45	190
531-CT-079	201 229	< 1	< 0.2	0.95	14	20	< 0.5	< 2	0.12	< 0.5	4	25	8	1.57	< 10	< 1	0.03	< 10	0.25	95

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project: 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

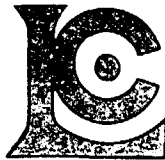
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Total Pages : 5  
Certificate Date: 15-AUG-95  
Invoice No. : 19523772  
P.O. Number :  
Account : GKO

## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-CT-041	201	229	< 1	0.01	28	190	2	2	4	21	0.11	< 10	< 10	40	< 10	40
531-CT-042	201	229	< 1	< 0.01	15	570	2	< 2	1	10	0.07	< 10	< 10	29	< 10	16
531-CT-043	201	229	< 1	< 0.01	13	1010	4	< 2	1	9	0.07	< 10	< 10	39	< 10	20
531-CT-044	201	229	< 1	0.01	23	700	4	< 2	2	15	0.09	< 10	< 10	37	< 10	30
531-CT-045	201	229	< 1	< 0.01	10	760	2	< 2	1	7	0.05	< 10	< 10	21	< 10	28
531-CT-046	201	229	< 1	0.03	25	950	20	2	1	16	0.06	< 10	< 10	23	< 10	66
531-CT-047	201	229	< 1	0.04	37	480	2	2	1	18	0.07	< 10	< 10	23	< 10	26
531-CT-048	201	229	< 1	0.03	26	710	4	< 2	1	14	0.04	< 10	< 10	19	< 10	34
531-CT-049	201	229	< 1	0.06	39	390	4	2	3	20	0.10	< 10	< 10	40	< 10	32
531-CT-050	217	229	< 1	< 0.01	43	610	4	< 2	3	8	0.13	< 10	< 10	76	< 10	76
531-CT-051	217	229	< 1	< 0.01	24	330	< 2	< 2	1	10	0.09	< 10	< 10	31	< 10	30
531-CT-052	217	229	< 1	0.01	23	450	4	< 2	2	14	0.11	< 10	< 10	40	< 10	30
531-CT-053	217	229	< 1	0.06	15	340	2	2	1	17	0.06	< 10	< 10	17	< 10	18
531-CT-054	201	229	< 1	0.01	11	490	4	< 2	2	19	0.09	< 10	< 10	26	< 10	22
531-CT-055	201	229	< 1	0.01	12	510	4	< 2	2	20	0.09	< 10	< 10	30	< 10	26
531-CT-056	201	229	< 1	< 0.01	19	180	2	< 2	1	10	0.08	< 10	< 10	25	< 10	26
531-CT-057	217	229	< 1	0.01	13	240	< 2	< 2	1	11	0.09	< 10	< 10	24	< 10	16
531-CT-058	201	229	< 1	< 0.01	24	550	< 2	< 2	1	13	0.08	< 10	< 10	29	< 10	16
531-CT-059A	201	229	< 1	< 0.01	29	490	4	< 2	2	16	0.09	< 10	< 10	34	< 10	38
531-CT-059B	201	229	< 1	0.01	13	340	2	< 2	1	14	0.09	< 10	< 10	23	< 10	22
531-CT-060	201	229	< 1	0.01	40	730	2	< 2	2	13	0.11	< 10	< 10	45	< 10	40
531-CT-061	201	229	< 1	< 0.01	26	430	2	< 2	1	11	0.09	< 10	< 10	35	< 10	30
531-CT-062	217	229	< 1	0.04	31	590	2	< 2	2	19	0.09	< 10	< 10	42	< 10	44
531-CT-063	217	229	< 1	0.06	38	550	< 2	2	3	21	0.10	< 10	< 10	42	< 10	46
531-CT-064	217	229	< 1	0.08	38	490	4	< 2	3	31	0.11	< 10	< 10	39	< 10	36
531-CT-065	217	229	< 1	0.06	38	820	< 2	< 2	4	27	0.14	< 10	< 10	57	< 10	50
531-CT-066	201	229	< 1	< 0.01	51	770	4	< 2	4	18	0.13	< 10	< 10	55	< 10	66
531-CT-067	217	229	< 1	0.02	51	800	26	< 2	18	11	0.10	< 10	< 10	166	< 10	94
531-CT-068	201	229	< 1	< 0.01	17	570	4	< 2	2	15	0.10	< 10	< 10	42	< 10	86
531-CT-069	217	229	< 1	0.04	24	360	< 2	< 2	2	19	0.08	< 10	< 10	34	< 10	32
531-CT-070	201	229	< 1	< 0.01	22	300	4	< 2	2	18	0.08	< 10	< 10	48	< 10	42
531-CT-071	201	229	< 1	< 0.01	7	100	< 2	< 2	1	11	0.10	< 10	< 10	23	< 10	8
531-CT-072	217	229	< 1	0.01	94	610	2	< 2	8	35	0.10	< 10	< 10	64	< 10	50
531-CT-073	201	229	< 1	< 0.01	4	370	2	< 2	< 1	7	0.04	< 10	< 10	11	< 10	10
531-CT-074	201	229	< 1	< 0.01	6	290	2	< 2	< 1	9	0.05	< 10	< 10	11	< 10	12
531-CT-075	201	229	< 1	< 0.01	8	360	2	< 2	1	12	0.05	< 10	< 10	18	< 10	12
531-CT-076	201	229	< 1	< 0.01	9	220	2	< 2	1	8	0.06	< 10	< 10	17	< 10	14
531-CT-077	201	229	< 1	< 0.01	27	1780	4	< 2	2	13	0.09	< 10	< 10	51	< 10	60
531-CT-078	217	229	< 1	0.04	22	580	6	< 2	2	17	0.09	< 10	< 10	34	< 10	38
531-CT-079	201	229	< 1	< 0.01	13	220	< 2	< 2	1	8	0.09	< 10	< 10	30	< 10	20

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-A  
 Total Pages : 5  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523772  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523772

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-CT-080	201	229	< 1	0.2	2.06	14	30	< 0.5	< 2	0.46	< 0.5	13	97	19	2.89	< 10	< 1	0.04	10	1.39	250
531-CT-143	201	229	< 1	< 0.2	0.97	< 2	30	< 0.5	< 2	0.38	< 0.5	8	39	10	1.62	< 10	< 1	0.08	20	0.48	135
531-CT-144	201	229	< 1	< 0.2	0.89	< 2	30	< 0.5	2	0.23	< 0.5	6	36	4	1.68	< 10	< 1	0.06	10	0.34	100
531-CT-145	201	229	1	< 0.2	0.59	< 2	20	< 0.5	< 2	0.24	< 0.5	3	20	2	0.93	< 10	< 1	0.04	10	0.24	90
531-CT-146	201	229	< 1	< 0.2	1.93	< 2	70	< 0.5	2	0.41	< 0.5	9	49	16	2.34	< 10	< 1	0.16	20	0.76	260
531-CT-147	201	229	2	< 0.2	0.76	4	20	< 0.5	< 2	0.25	< 0.5	4	26	3	1.00	< 10	< 1	0.06	10	0.35	110
531-CT-148	201	229	< 1	< 0.2	0.81	< 2	30	< 0.5	< 2	0.29	< 0.5	3	25	4	1.09	< 10	< 1	0.07	10	0.25	75
531-CT-149	217	229	31	0.2	1.68	68	170	< 0.5	2	1.64	0.5	26	136	35	7.29	< 10	< 1	0.11	10	0.92	2970
531-CT-150	201	229	< 1	< 0.2	1.50	< 2	70	< 0.5	< 2	0.33	< 0.5	8	39	13	1.93	< 10	< 1	0.13	10	0.55	280
531-CT-151	201	229	< 1	< 0.2	0.69	2	10	< 0.5	< 2	0.15	< 0.5	4	37	3	1.51	< 10	< 1	0.03	< 10	0.22	65
531-CT-152	201	229	< 1	< 0.2	1.39	< 2	40	< 0.5	< 2	0.33	< 0.5	6	38	9	1.73	< 10	< 1	0.13	10	0.59	180
531-CT-153	201	229	< 1	< 0.2	1.11	2	40	< 0.5	< 2	0.21	< 0.5	9	37	4	1.36	< 10	< 1	0.06	10	0.47	195
531-CT-154	201	229	10	< 0.2	0.79	6	20	< 0.5	< 2	0.17	< 0.5	3	29	5	1.47	< 10	< 1	0.03	< 10	0.28	75
531-CT-155	201	229	< 1	0.2	1.82	6	90	< 0.5	< 2	0.23	< 0.5	12	38	7	3.02	10	< 1	0.05	10	0.76	265
531-CT-156	201	229	< 1	< 0.2	3.88	16	300	< 0.5	< 2	0.43	< 0.5	40	276	78	7.48	10	< 1	0.33	< 10	2.85	1120
531-CT-157	201	229	< 1	< 0.2	1.87	10	70	< 0.5	< 2	0.37	< 0.5	14	63	15	2.41	10	< 1	0.06	10	0.98	345
531-CT-158	201	229	7	< 0.2	1.42	8	40	< 0.5	< 2	0.17	< 0.5	6	29	9	1.63	< 10	< 1	0.03	10	0.28	100
531-CT-159	201	229	< 1	< 0.2	0.80	< 2	20	< 0.5	< 2	0.18	< 0.5	2	18	3	0.72	< 10	< 1	0.02	< 10	0.18	50
531-CT-160	201	229	4	< 0.2	1.40	< 2	40	< 0.5	< 2	0.27	< 0.5	8	32	9	1.38	< 10	< 1	0.04	10	0.41	105
531-CT-161	201	229	4	< 0.2	1.08	6	20	< 0.5	< 2	0.18	< 0.5	7	59	6	1.86	10	< 1	0.04	10	0.51	125
531-CT-162	201	229	4	< 0.2	1.67	12	40	< 0.5	< 2	0.23	< 0.5	11	65	27	2.61	< 10	< 1	0.03	10	0.69	160
531-CT-163	217	229	38	< 0.2	1.23	12	60	< 0.5	< 2	0.23	< 0.5	7	234	12	2.30	< 10	< 1	0.07	< 10	0.49	195
531-CT-164	201	229	< 1	< 0.2	0.61	2	20	< 0.5	< 2	0.23	< 0.5	4	29	8	1.24	< 10	< 1	0.02	10	0.24	95
531-CT-167	201	229	11	< 0.2	0.54	4	20	< 0.5	< 2	0.37	< 0.5	7	30	16	1.34	< 10	< 1	0.05	30	0.30	210
531-CT-168	201	229	< 1	0.2	1.21	4	20	< 0.5	< 2	0.18	< 0.5	6	36	6	1.93	< 10	< 1	0.03	10	0.23	95
531-CT-169	201	229	1	< 0.2	1.04	< 2	30	< 0.5	< 2	0.22	< 0.5	6	28	8	1.30	< 10	< 1	0.04	10	0.32	90
531-CT-170	201	229	< 1	< 0.2	0.69	< 2	20	< 0.5	< 2	0.30	< 0.5	2	21	7	0.88	< 10	< 1	0.05	10	0.25	80
531-CT-171	217	229	< 1	0.4	3.63	< 2	230	1.0	< 2	0.86	< 0.5	17	91	48	4.10	20	< 1	0.48	70	1.36	735
531-CT-176	217	229	< 1	0.4	3.80	< 2	200	1.0	< 2	0.64	< 0.5	17	98	45	4.07	20	< 1	0.62	50	1.17	635
531-CT-177	217	229	< 1	0.2	2.84	8	150	0.5	< 2	0.54	< 0.5	13	79	25	3.08	10	< 1	0.48	20	1.03	420
531-CT-178	217	229	< 1	0.4	2.56	< 2	190	0.5	< 2	0.79	< 0.5	14	65	22	2.78	10	< 1	0.35	30	0.81	580
531-CT-179	217	229	< 1	0.4	2.98	< 2	150	0.5	< 2	0.82	< 0.5	14	73	24	3.23	10	< 1	0.45	30	1.06	580
531-CT-180	217	229	1	0.2	2.38	16	170	0.5	2	1.06	< 0.5	15	79	22	2.70	10	< 1	0.36	20	0.76	765
531-CT-181	201	229	< 1	0.2	1.88	4	110	< 0.5	2	0.70	< 0.5	8	41	13	2.04	10	< 1	0.17	20	0.53	195
531-CT-182	217	229	< 1	0.2	1.90	< 2	120	< 0.5	< 2	0.62	< 0.5	8	154	13	2.01	10	< 1	0.23	20	0.52	230
531-CT-183	201	229	1	< 0.2	0.99	6	50	< 0.5	< 2	0.57	< 0.5	5	27	8	1.25	< 10	< 1	0.12	20	0.33	125
531-CT-184	201	229	< 1	0.2	0.85	6	40	< 0.5	< 2	0.40	< 0.5	9	37	17	2.46	< 10	< 1	0.16	20	0.52	225
531-CT-190	201	229	< 1	< 0.2	1.60	40	40	< 0.5	< 2	0.27	< 0.5	10	39	34	2.31	< 10	< 1	0.03	10	0.55	160
531-CT-191	201	229	4	0.2	1.87	52	30	< 0.5	< 2	0.19	< 0.5	10	38	28	2.82	< 10	< 1	0.03	10	0.56	170
531-CT-192	201	229	4	0.2	2.34	20	40	< 0.5	< 2	0.20	< 0.5	12	63	24	3.36	10	< 1	0.02	< 10	0.82	190

CERTIFICATION: *Handwritten Signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

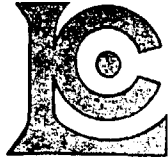
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## CERTIFICATE OF ANALYSIS

A9523772

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-CT-080	201 229	< 1	< 0.01	73	230	4	< 2	2	39	0.20	< 10	< 10	62	< 10	58
531-CT-143	201 229	< 1	0.01	33	340	2	< 2	3	15	0.10	< 10	< 10	30	< 10	24
531-CT-144	201 229	< 1	0.01	23	590	4	< 2	1	12	0.08	< 10	< 10	30	< 10	20
531-CT-145	201 229	< 1	0.01	8	390	2	< 2	1	14	0.06	< 10	< 10	20	< 10	16
531-CT-146	201 229	< 1	0.02	21	330	6	< 2	5	29	0.12	< 10	< 10	45	< 10	48
531-CT-147	201 229	< 1	0.01	16	420	< 2	< 2	1	12	0.08	< 10	< 10	21	< 10	24
531-CT-148	201 229	< 1	< 0.01	12	430	4	< 2	2	10	0.06	< 10	< 10	20	< 10	16
531-CT-149	217 229	< 1	0.01	74	900	8	2	12	17	0.02	< 10	< 10	52	< 10	148
531-CT-150	201 229	< 1	0.01	22	250	2	< 2	3	20	0.08	< 10	< 10	35	< 10	40
531-CT-151	201 229	< 1	< 0.01	17	600	< 2	< 2	1	8	0.06	< 10	< 10	25	< 10	36
531-CT-152	201 229	< 1	0.01	19	260	2	< 2	3	18	0.11	< 10	< 10	32	< 10	36
531-CT-153	201 229	< 1	< 0.01	23	260	2	< 2	1	10	0.08	< 10	< 10	24	< 10	44
531-CT-154	201 229	< 1	< 0.01	14	230	6	< 2	1	9	0.07	< 10	< 10	39	< 10	32
531-CT-155	201 229	< 1	0.01	27	860	6	< 2	3	15	0.14	< 10	< 10	61	< 10	84
531-CT-156	201 229	< 1	< 0.01	94	320	6	< 2	25	9	0.24	< 10	< 10	246	10	102
531-CT-157	201 229	< 1	0.01	44	230	4	2	4	19	0.15	< 10	< 10	55	< 10	68
531-CT-158	201 229	< 1	< 0.01	21	200	8	< 2	2	11	0.11	< 10	< 10	35	< 10	26
531-CT-159	201 229	< 1	< 0.01	10	320	6	< 2	1	10	0.07	< 10	< 10	18	< 10	10
531-CT-160	201 229	< 1	0.01	19	440	4	< 2	2	13	0.10	< 10	< 10	31	< 10	40
531-CT-161	201 229	< 1	0.01	31	180	4	< 2	2	13	0.15	< 10	< 10	49	< 10	30
531-CT-162	201 229	< 1	< 0.01	47	330	8	< 2	3	10	0.12	< 10	< 10	61	< 10	44
531-CT-163	217 229	< 1	0.03	43	160	4	2	2	17	0.08	< 10	< 10	41	< 10	32
531-CT-164	201 229	< 1	0.01	22	480	2	< 2	1	11	0.07	< 10	< 10	23	< 10	10
531-CT-167	201 229	< 1	0.01	21	620	2	< 2	2	13	0.07	< 10	< 10	27	< 10	16
531-CT-168	201 229	< 1	0.01	23	1390	4	< 2	1	9	0.06	< 10	< 10	32	< 10	24
531-CT-169	201 229	< 1	< 0.01	21	550	2	< 2	1	11	0.08	< 10	< 10	26	< 10	16
531-CT-170	201 229	< 1	0.01	9	710	< 2	< 2	1	14	0.06	< 10	< 10	19	< 10	14
531-CT-171	217 229	< 1	0.06	50	460	12	2	11	43	0.12	< 10	< 10	86	< 10	88
531-CT-176	217 229	< 1	0.04	42	360	14	2	11	39	0.11	< 10	< 10	89	< 10	86
531-CT-177	217 229	< 1	0.04	31	280	8	< 2	7	37	0.13	< 10	< 10	63	< 10	62
531-CT-178	217 229	< 1	0.03	32	260	4	2	7	27	0.10	< 10	< 10	56	< 10	70
531-CT-179	217 229	< 1	0.04	33	390	6	2	8	38	0.14	< 10	< 10	66	< 10	66
531-CT-180	217 229	< 1	0.03	27	170	6	2	6	37	0.10	< 10	< 10	59	< 10	62
531-CT-181	201 229	< 1	0.01	22	140	4	< 2	4	23	0.09	< 10	< 10	37	< 10	38
531-CT-182	217 229	< 1	0.04	21	130	2	< 2	4	27	0.09	< 10	< 10	40	< 10	36
531-CT-183	201 229	< 1	0.01	13	570	< 2	< 2	2	18	0.09	< 10	< 10	25	< 10	20
531-CT-184	201 229	< 1	0.01	22	630	2	< 2	2	15	0.11	< 10	< 10	42	< 10	34
531-CT-190	201 229	< 1	0.01	25	190	< 2	< 2	2	11	0.14	< 10	< 10	54	< 10	46
531-CT-191	201 229	< 1	< 0.01	24	270	2	< 2	2	10	0.16	< 10	< 10	65	< 10	42
531-CT-192	201 229	< 1	< 0.01	26	130	< 2	< 2	5	7	0.22	< 10	< 10	102	< 10	38

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project: 531

Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 4-A

Total Pages : 5

Certificate Date: 15-AUG-95

Invoice No. : 19523772

P.O. Number :

Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-CT-193	201 229	< 1	0.2	1.86	2	20	< 0.5	< 2	0.47	< 0.5	17	89	91	4.38	< 10	< 1	0.08	< 10	1.08	480
531-CT-194	201 229	< 1	0.2	1.81	2	80	< 0.5	< 2	0.46	< 0.5	7	37	20	1.77	< 10	< 1	0.08	20	0.45	250
531-CT-195	201 229	8	< 0.2	0.64	2	20	< 0.5	< 2	0.26	< 0.5	3	19	9	0.70	< 10	< 1	0.01	10	0.15	90
531-CT-196	201 229	1	< 0.2	1.44	14	40	< 0.5	< 2	0.30	< 0.5	9	38	67	1.58	< 10	< 1	0.01	10	0.43	145
531-CT-197	201 229	< 1	0.2	2.45	8	70	< 0.5	< 2	0.17	< 0.5	8	41	30	2.36	< 10	< 1	0.04	10	0.47	150
531-CT-198	217 229	< 1	0.6	3.37	28	160	< 0.5	< 2	0.65	< 0.5	24	222	34	5.29	< 10	< 1	0.18	10	1.73	1475
531-CT-199	201 229	2	0.2	1.90	12	140	< 0.5	< 2	0.49	< 0.5	15	55	22	2.92	< 10	1	0.08	10	0.65	635
531-CT-200	217 229	< 1	0.2	1.23	4	60	< 0.5	< 2	0.36	< 0.5	11	147	10	1.84	< 10	< 1	0.08	10	0.59	320
531-CT-201	201 229	1	< 0.2	0.79	8	20	< 0.5	< 2	0.17	< 0.5	6	24	3	1.40	< 10	< 1	0.02	< 10	0.21	65
531-CT-202	201 229	< 1	< 0.2	1.10	2	60	< 0.5	< 2	0.28	< 0.5	7	30	9	1.55	< 10	< 1	0.20	10	0.50	315
531-CT-203	201 229	< 1	< 0.2	0.59	2	20	< 0.5	< 2	0.20	< 0.5	3	18	2	0.83	< 10	< 1	0.05	10	0.26	100
531-CT-204	201 229	2	< 0.2	0.70	2	30	< 0.5	< 2	0.12	< 0.5	3	18	1	1.32	< 10	< 1	0.03	< 10	0.13	200
531-CT-205	201 229	< 1	< 0.2	0.65	2	30	< 0.5	< 2	0.19	< 0.5	4	17	3	0.87	< 10	< 1	0.05	10	0.24	175
531-CT-206	201 229	< 1	0.2	1.53	2	100	0.5	< 2	0.42	< 0.5	9	35	12	1.86	< 10	< 1	0.19	20	0.50	590
531-CT-207	201 229	< 1	0.2	1.05	2	80	< 0.5	< 2	0.58	< 0.5	8	26	8	1.38	< 10	< 1	0.13	20	0.35	150
531-CT-208	217 229	< 1	< 0.2	1.88	2	110	0.5	< 2	0.78	< 0.5	11	55	16	2.29	< 10	< 1	0.30	20	0.61	275
531-CT-209	201 229	7	< 0.2	1.05	2	20	< 0.5	< 2	0.60	< 0.5	12	55	46	2.25	< 10	< 1	0.05	20	0.61	345
531-CT-210	201 229	< 1	< 0.2	0.82	6	20	< 0.5	< 2	0.18	< 0.5	6	37	9	1.68	< 10	< 1	0.01	< 10	0.29	90
531-CT-211	201 229	1	< 0.2	5.83	6	110	0.5	< 2	0.56	< 0.5	47	288	163	8.70	10	< 1	0.07	10	3.24	1425
531-CT-212	201 229	3	< 0.2	1.07	2	30	< 0.5	< 2	0.14	< 0.5	6	65	6	1.41	< 10	< 1	0.03	10	0.56	105
531-CT-213	201 229	3	< 0.2	0.57	8	30	< 0.5	< 2	0.17	< 0.5	4	38	3	1.29	< 10	< 1	0.03	< 10	0.22	200
531-CT-214	201 229	2	< 0.2	2.17	14	80	0.5	< 2	0.23	< 0.5	16	68	23	3.11	< 10	< 1	0.07	10	0.69	230
531-CT-215	201 229	< 1	< 0.2	0.93	2	40	< 0.5	< 2	0.27	< 0.5	7	29	6	1.15	< 10	< 1	0.07	10	0.39	255
531-CT-216	201 229	3	< 0.2	3.41	14	140	1.0	< 2	0.47	< 0.5	29	152	48	5.42	10	< 1	0.09	20	1.55	1025
531-CT-217	201 229	5	< 0.2	0.91	6	40	< 0.5	< 2	0.23	< 0.5	8	58	9	1.61	< 10	< 1	0.03	10	0.50	180
531-CT-218	201 229	2	< 0.2	1.43	4	30	< 0.5	< 2	0.27	< 0.5	7	35	25	1.66	< 10	< 1	0.03	10	0.42	210
531-CT-219	201 229	< 1	< 0.2	0.93	2	20	< 0.5	< 2	0.29	< 0.5	6	38	6	1.27	< 10	< 1	0.04	10	0.43	125
531-CT-220	201 229	7	< 0.2	0.68	14	10	< 0.5	< 2	0.17	< 0.5	6	53	7	1.64	< 10	< 1	0.02	< 10	0.45	115
531-CT-221	201 229	11	< 0.2	1.56	2	30	< 0.5	< 2	0.22	< 0.5	11	64	14	2.26	< 10	< 1	0.03	10	0.59	145
531-CT-222	201 229	8	< 0.2	1.36	22	40	< 0.5	< 2	0.15	< 0.5	12	74	19	2.39	< 10	< 1	0.02	< 10	0.57	140
531-CT-223	201 229	< 1	< 0.2	1.94	24	50	0.5	< 2	0.48	< 0.5	17	62	51	2.85	10	< 1	0.07	50	0.74	295
531-CT-224	201 229	2	< 0.2	1.10	4	10	< 0.5	< 2	0.18	< 0.5	8	43	18	1.52	< 10	< 1	0.02	10	0.32	95
531-CT-225	201 229	28	< 0.2	0.97	2	20	< 0.5	< 2	0.20	< 0.5	4	24	5	1.17	< 10	< 1	0.02	10	0.36	110
531-CT-226	201 229	< 1	< 0.2	0.58	2	20	< 0.5	< 2	0.22	< 0.5	4	21	8	0.79	< 10	< 1	0.01	10	0.20	70
531-CT-227	201 229	1	< 0.2	0.93	4	10	< 0.5	< 2	0.19	< 0.5	5	29	15	1.42	< 10	< 1	0.01	10	0.19	75
531-CT-228	201 229	1	< 0.2	1.09	2	30	< 0.5	< 2	0.12	< 0.5	6	36	6	1.49	< 10	< 1	0.02	< 10	0.28	85
531-CT-229	201 229	1	0.8	4.43	4	150	0.5	< 2	0.25	< 0.5	40	380	78	6.77	10	< 1	0.04	< 10	4.03	1355
531-CT-230	201 229	< 1	0.2	0.78	10	20	< 0.5	2	0.15	< 0.5	6	31	8	1.64	< 10	< 1	0.03	10	0.22	95
531-CT-231	201 229	< 1	0.4	2.35	2	130	1.0	< 2	0.57	< 0.5	17	58	31	2.98	10	< 1	0.31	30	0.89	640
531-CT-232	201 229	< 1	< 0.2	1.29	2	60	< 0.5	< 2	0.54	< 0.5	8	30	21	1.66	< 10	< 1	0.07	20	0.43	340

CERTIFICATION:





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523772  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

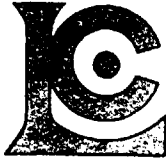
## CERTIFICATE OF ANALYSIS

## A9523772

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-CT-193	201 229	< 1	0.04	27	300	4	< 2	3	6	0.32	< 10	< 10	144	< 10	50
531-CT-194	201 229	< 1	0.01	21	160	4	< 2	3	18	0.10	< 10	< 10	35	< 10	30
531-CT-195	201 229	< 1	< 0.01	11	110	4	< 2	1	9	0.06	< 10	< 10	15	< 10	8
531-CT-196	201 229	< 1	0.01	39	260	< 2	< 2	2	12	0.11	< 10	< 10	32	< 10	26
531-CT-197	201 229	< 1	0.01	30	330	4	< 2	3	12	0.12	< 10	< 10	45	< 10	46
531-CT-198	217 229	< 1	0.05	50	770	4	4	10	14	0.37	< 10	< 10	168	< 10	102
531-CT-199	201 229	< 1	< 0.01	45	800	4	< 2	2	21	0.13	< 10	< 10	52	< 10	88
531-CT-200	217 229	< 1	0.04	40	160	4	< 2	3	17	0.09	< 10	< 10	32	< 10	24
531-CT-201	201 229	< 1	< 0.01	36	350	< 2	< 2	1	6	0.07	< 10	< 10	27	< 10	12
531-CT-202	201 229	< 1	0.01	16	250	2	< 2	2	14	0.08	< 10	< 10	29	< 10	34
531-CT-203	201 229	< 1	0.01	7	410	2	< 2	1	10	0.05	< 10	< 10	17	< 10	20
531-CT-204	201 229	< 1	< 0.01	11	1330	4	< 2	< 1	7	0.03	< 10	< 10	20	< 10	34
531-CT-205	201 229	< 1	0.01	8	130	4	< 2	1	12	0.07	< 10	< 10	19	< 10	24
531-CT-206	201 229	< 1	0.01	22	540	6	< 2	4	18	0.07	< 10	< 10	33	< 10	58
531-CT-207	201 229	< 1	0.01	15	370	6	< 2	2	16	0.07	< 10	< 10	27	< 10	40
531-CT-208	217 229	< 1	0.02	22	250	6	2	5	25	0.08	< 10	< 10	46	< 10	52
531-CT-209	201 229	< 1	0.01	36	790	2	< 2	3	13	0.10	< 10	< 10	47	< 10	38
531-CT-210	201 229	< 1	< 0.01	32	330	6	< 2	1	10	0.11	< 10	< 10	33	< 10	14
531-CT-211	201 229	< 1	< 0.01	100	470	< 2	4	29	10	0.33	< 10	< 10	314	< 10	156
531-CT-212	201 229	< 1	< 0.01	38	100	6	< 2	2	11	0.13	< 10	< 10	34	< 10	20
531-CT-213	201 229	< 1	< 0.01	19	370	8	< 2	1	10	0.06	< 10	< 10	22	< 10	26
531-CT-214	201 229	< 1	< 0.01	55	880	8	2	3	10	0.09	< 10	< 10	56	< 10	118
531-CT-215	201 229	< 1	0.01	19	100	< 2	< 2	2	13	0.09	< 10	< 10	24	< 10	24
531-CT-216	201 229	< 1	< 0.01	108	370	8	4	13	16	0.11	< 10	< 10	130	< 10	116
531-CT-217	201 229	< 1	< 0.01	43	120	2	< 2	2	12	0.11	< 10	< 10	36	< 10	24
531-CT-218	201 229	< 1	0.01	34	320	2	< 2	2	15	0.12	< 10	< 10	34	< 10	30
531-CT-219	201 229	< 1	0.01	21	480	< 2	< 2	2	16	0.10	< 10	< 10	29	< 10	20
531-CT-220	201 229	< 1	< 0.01	23	130	4	< 2	2	9	0.09	< 10	< 10	48	< 10	20
531-CT-221	201 229	< 1	0.01	43	540	6	< 2	3	11	0.11	< 10	< 10	46	< 10	26
531-CT-222	201 229	< 1	< 0.01	73	240	4	< 2	2	10	0.13	< 10	< 10	52	< 10	28
531-CT-223	201 229	< 1	0.01	86	570	8	< 2	4	14	0.12	< 10	< 10	47	< 10	44
531-CT-224	201 229	< 1	0.01	41	500	4	< 2	2	9	0.09	< 10	< 10	30	< 10	16
531-CT-225	201 229	< 1	0.01	11	250	4	< 2	2	13	0.10	< 10	< 10	33	< 10	22
531-CT-226	201 229	< 1	< 0.01	12	140	2	< 2	1	11	0.08	< 10	< 10	20	< 10	12
531-CT-227	201 229	< 1	< 0.01	19	610	< 2	< 2	1	10	0.08	< 10	< 10	28	< 10	8
531-CT-228	201 229	< 1	< 0.01	18	140	2	< 2	1	9	0.10	< 10	< 10	35	< 10	36
531-CT-229	201 229	< 1	< 0.01	109	310	8	2	25	7	0.16	< 10	< 10	232	< 10	88
531-CT-230	201 229	< 1	< 0.01	22	530	6	< 2	1	7	0.07	< 10	< 10	30	< 10	20
531-CT-231	201 229	< 1	0.02	35	380	10	< 2	7	31	0.09	< 10	< 10	56	< 10	60
531-CT-232	201 229	< 1	0.01	20	630	6	2	3	16	0.09	< 10	< 10	35	< 10	30

CERTIFICATION:

*Hart Bichler*



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Project : 531  
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## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-CT-233	201 229	< 1	0.2	0.86	6	80	< 0.5	< 2	0.16	< 0.5	3	36	10	1.58	< 10	< 1	0.03	10	0.19	115
531-CT-234	201 229	2	0.2	0.82	2	40	< 0.5	< 2	0.20	< 0.5	6	39	6	1.69	< 10	< 1	0.04	10	0.24	145
531-CT-235	201 229	16	0.2	1.45	2	50	< 0.5	< 2	0.22	< 0.5	6	33	7	1.41	< 10	< 1	0.10	10	0.43	125
531-CT-236	217 229	14	0.2	1.36	2	90	0.5	< 2	0.39	< 0.5	18	152	7	1.94	< 10	< 1	0.11	10	0.53	1665
531-CT-237	201 229	< 1	0.8	5.30	40	160	0.5	< 2	0.42	< 0.5	46	89	103	8.79	20	< 1	0.24	10	2.07	590
531-CT-238	201 229	< 1	0.2	1.82	10	30	0.5	< 2	0.21	< 0.5	10	54	36	2.46	< 10	< 1	0.05	10	0.49	165
531-CT-239	201 229	5	0.2	1.04	2	40	< 0.5	< 2	0.51	< 0.5	5	36	21	1.72	< 10	< 1	0.03	30	0.28	235
531-CT-240	201 229	7	0.4	2.70	2	80	0.5	< 2	0.37	< 0.5	18	61	24	3.62	10	< 1	0.04	10	0.90	300
531-CT-241	217 229	1	< 0.2	0.88	2	40	< 0.5	< 2	0.30	< 0.5	6	208	6	1.51	< 10	< 1	0.13	10	0.50	175
531-CT-242	217 229	5	0.2	0.92	2	30	< 0.5	< 2	0.31	< 0.5	6	176	6	1.47	< 10	< 1	0.13	10	0.50	240

CERTIFICATION:

*[Handwritten Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :5-B  
Total Pages :5  
Certificate Date: 15-AUG-95  
Invoice No. :19523772  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9523772

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-CT-233	201	229	< 1	< 0.01	16	230	12	< 2	1	11	0.08	< 10	< 10	34	< 10	30
531-CT-234	201	229	< 1	< 0.01	17	250	6	< 2	1	13	0.09	< 10	< 10	36	< 10	36
531-CT-235	201	229	< 1	0.01	15	230	4	2	2	18	0.09	< 10	< 10	32	< 10	28
531-CT-236	217	229	< 1	0.03	26	160	8	< 2	3	22	0.10	< 10	< 10	44	< 10	30
531-CT-237	201	229	< 1	< 0.01	61	170	8	< 2	31	8	0.20	< 10	< 10	372	< 10	154
531-CT-238	201	229	< 1	< 0.01	39	420	8	< 2	3	12	0.12	< 10	< 10	48	< 10	32
531-CT-239	201	229	< 1	0.01	18	280	10	2	2	13	0.09	< 10	< 10	38	< 10	16
531-CT-240	201	229	< 1	0.01	39	170	12	4	3	13	0.15	< 10	< 10	81	< 10	62
531-CT-241	217	229	< 1	0.06	19	150	12	< 2	2	22	0.11	< 10	< 10	33	< 10	22
531-CT-242	217	229	< 1	0.06	23	190	6	< 2	2	22	0.09	< 10	< 10	30	< 10	24

CERTIFICATION:

*Hart-Bichler*



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Project : 531  
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Page Number : 1-A  
Total Pages : 3  
Certificate Date: 22-AUG-95  
Invoice No. : 19524399  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9524399

SAMPLE	PREP		Au	NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-CT-081	201	229	2	< 0.2	1.54	14	30	< 0.5	< 2	0.27	< 0.5	12	44	20	2.49	< 10	< 1	0.04	< 10	0.41	175	
531-CT-082	201	229	12	0.4	3.76	50	70	< 0.5	2	0.26	< 0.5	30	53	225	11.10	10	< 1	0.09	10	0.95	1085	
531-CT-083	201	229	5	0.2	4.88	64	100	< 0.5	< 2	0.36	0.5	56	88	133	8.56	10	< 1	0.13	10	1.66	1910	
531-CT-084	217	229	1	< 0.2	1.86	8	80	< 0.5	4	0.50	< 0.5	11	146	26	2.23	< 10	< 1	0.20	20	0.67	635	
531-CT-085	201	229	6	< 0.2	0.96	16	20	< 0.5	2	0.21	< 0.5	9	41	30	1.87	< 10	< 1	0.05	< 10	0.44	135	
531-CT-086	201	229	6	< 0.2	0.69	4	30	< 0.5	2	0.23	< 0.5	4	41	9	1.38	< 10	< 1	0.06	< 10	0.30	105	
531-CT-087	201	229	5	< 0.2	2.19	20	70	< 0.5	< 2	0.32	< 0.5	14	67	15	2.95	< 10	< 1	0.13	< 10	0.70	205	
531-CT-088	201	229	40	< 0.2	1.09	14	60	< 0.5	< 2	0.25	< 0.5	7	31	14	2.04	< 10	< 1	0.04	< 10	0.39	225	
531-CT-089	201	229	2	< 0.2	2.96	16	120	< 0.5	2	0.53	< 0.5	26	210	33	4.28	< 10	< 1	0.07	< 10	2.38	670	
531-CT-090	201	229	20	< 0.2	3.89	30	120	< 0.5	8	0.48	< 0.5	35	91	104	7.05	10	< 1	0.06	< 10	1.87	1435	
531-CT-091	201	229	4	< 0.2	1.22	10	30	0.5	2	0.26	< 0.5	10	42	16	2.09	< 10	< 1	0.04	< 10	0.40	150	
531-CT-092	201	229	2	< 0.2	1.26	8	40	< 0.5	< 2	0.29	< 0.5	6	42	11	1.66	< 10	< 1	0.04	< 10	0.36	145	
531-CT-093	201	229	4	< 0.2	0.92	24	20	< 0.5	2	0.24	< 0.5	8	52	13	2.08	< 10	< 1	0.02	10	0.41	110	
531-CT-095	201	229	11	< 0.2	0.43	6	10	< 0.5	< 2	0.35	< 0.5	6	37	19	1.19	< 10	< 1	0.04	20	0.26	75	
531-CT-096	201	229	2	< 0.2	1.49	16	20	< 0.5	< 2	0.26	< 0.5	9	53	14	2.36	< 10	< 1	0.07	< 10	0.55	175	
531-CT-097	201	229	2	< 0.2	0.96	6	40	0.5	< 2	0.26	< 0.5	6	40	12	1.79	< 10	< 1	0.05	< 10	0.28	110	
531-CT-098	201	229	1	< 0.2	0.84	2	30	< 0.5	4	0.22	< 0.5	3	32	6	1.36	< 10	< 1	0.03	< 10	0.19	85	
531-CT-099	201	229	< 1	< 0.2	2.13	14	110	1.0	< 2	0.46	< 0.5	13	54	19	2.53	< 10	< 1	0.28	10	0.79	675	
531-CT-100	201	229	1	< 0.2	1.23	< 2	60	0.5	< 2	0.28	< 0.5	4	30	12	1.50	< 10	< 1	0.09	10	0.39	260	
531-CT-101	201	229	2	< 0.2	1.06	< 2	40	0.5	< 2	0.44	< 0.5	4	29	15	1.26	< 10	< 1	0.04	10	0.36	150	
531-CT-102	201	229	2	< 0.2	0.70	8	20	< 0.5	2	0.29	< 0.5	2	26	5	1.15	< 10	< 1	0.06	< 10	0.31	110	
531-CT-103	201	229	2	< 0.2	0.97	< 2	20	< 0.5	2	0.21	< 0.5	4	26	5	1.32	< 10	< 1	0.03	< 10	0.22	80	
531-CT-104	201	229	1	< 0.2	0.43	4	10	< 0.5	2	0.13	< 0.5	2	42	4	1.13	< 10	< 1	0.02	< 10	0.20	65	
531-CT-108	201	229	< 1	< 0.2	0.52	< 2	10	< 0.5	< 2	0.39	< 0.5	3	27	13	1.01	< 10	< 1	0.03	10	0.26	75	
531-CT-109	201	229	< 1	< 0.2	0.53	6	20	< 0.5	< 2	0.18	< 0.5	4	54	4	1.49	< 10	< 1	0.04	< 10	0.37	95	
531-CT-110	201	229	1	< 0.2	0.96	< 2	30	0.5	6	0.29	< 0.5	4	36	6	1.35	< 10	< 1	0.06	< 10	0.41	135	
531-CT-111	201	229	11	< 0.2	0.74	4	20	< 0.5	< 2	0.27	< 0.5	3	27	6	0.94	< 10	< 1	0.05	10	0.31	95	
531-CT-112	201	229	< 1	< 0.2	0.88	16	70	< 0.5	< 2	0.16	< 0.5	5	47	12	2.44	< 10	< 1	0.07	< 10	0.28	120	
531-CT-113	201	229	1	< 0.2	0.77	< 2	20	< 0.5	< 2	0.30	< 0.5	3	26	7	1.00	< 10	< 1	0.06	10	0.36	105	
531-CT-114	201	229	< 1	< 0.2	1.48	8	60	0.5	2	0.47	< 0.5	4	62	18	1.58	< 10	< 1	0.05	10	0.34	130	
531-CT-115	201	229	< 1	< 0.2	0.99	< 2	50	< 0.5	< 2	0.33	< 0.5	4	29	10	1.18	< 10	< 1	0.07	10	0.31	210	
531-CT-116	201	229	23	< 0.2	1.48	26	20	0.5	2	0.27	< 0.5	9	50	25	1.98	< 10	< 1	0.03	< 10	0.46	140	
531-CT-117	201	229	3	< 0.2	1.21	< 2	40	0.5	< 2	0.35	< 0.5	5	28	10	1.37	< 10	< 1	0.07	10	0.43	165	
531-CT-118	201	229	< 1	< 0.2	6.09	18	20	< 0.5	6	0.11	< 0.5	66	372	84	10.10	20	< 1	0.02	< 10	5.95	825	
531-CT-119	217	229	2	< 0.2	0.88	< 2	20	< 0.5	< 2	0.28	< 0.5	2	25	6	1.19	< 10	< 1	0.03	10	0.31	105	
531-CT-120	201	229	1	< 0.2	0.88	< 2	20	0.5	2	0.26	< 0.5	6	33	44	1.45	< 10	< 1	0.02	< 10	0.28	110	
531-CT-121	201	229	< 1	< 0.2	0.96	12	50	0.5	2	0.49	< 0.5	4	34	27	1.44	< 10	< 1	0.06	20	0.32	140	
531-CT-122	201	229	2	< 0.2	0.56	8	30	0.5	< 2	0.99	< 0.5	3	25	16	1.21	< 10	< 1	0.04	20	0.49	120	
531-CT-130	201	229	1	< 0.2	1.80	20	40	0.5	< 2	0.21	< 0.5	10	81	21	2.76	< 10	< 1	0.03	< 10	1.10	155	
531-CT-131	201	229	1	< 0.2	1.81	< 2	120	1.0	< 2	0.75	< 0.5	8	40	16	2.40	< 10	< 1	0.25	10	0.61	480	

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SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-CT-081	201	229	1 < 0.01		38	280	32	2	2	13	0.12	< 10	< 10	47	< 10	72
531-CT-082	201	229	1 < 0.01		71	520	24	14	8	9	0.09	< 10	< 10	69	10	928
531-CT-083	201	229	1 < 0.01		144	460	18	14	18	10	0.14	< 10	< 10	149	20	1480
531-CT-084	217	229	< 1	0.03	46	190	< 2	4	6	18	0.09	< 10	< 10	42	< 10	80
531-CT-085	201	229	< 1	< 0.01	33	180	2	4	2	10	0.12	< 10	< 10	49	< 10	54
531-CT-086	201	229	< 1	< 0.01	21	150	4	2	1	11	0.10	< 10	< 10	35	< 10	30
531-CT-087	201	229	< 1	0.01	61	480	2	2	3	19	0.15	< 10	< 10	62	< 10	60
531-CT-088	201	229	< 1	< 0.01	16	430	4	2	2	12	0.11	< 10	< 10	55	< 10	64
531-CT-089	201	229	< 1	0.01	119	360	< 2	4	10	9	0.24	< 10	< 10	130	10	76
531-CT-090	201	229	< 1	0.01	43	420	< 2	4	22	6	0.18	< 10	< 10	265	10	126
531-CT-091	201	229	< 1	< 0.01	52	290	8	2	2	10	0.12	< 10	< 10	45	< 10	30
531-CT-092	201	229	1	< 0.01	41	110	4	< 2	2	12	0.11	< 10	< 10	37	< 10	34
531-CT-093	201	229	< 1	0.01	41	120	4	< 2	2	11	0.13	< 10	< 10	44	< 10	18
531-CT-095	201	229	< 1	0.01	45	530	< 2	2	2	13	0.07	< 10	< 10	27	< 10	14
531-CT-096	201	229	< 1	< 0.01	47	310	2	2	2	13	0.14	< 10	< 10	54	< 10	42
531-CT-097	201	229	< 1	< 0.01	40	680	6	2	1	12	0.10	< 10	< 10	37	< 10	30
531-CT-098	201	229	< 1	< 0.01	22	320	4	2	1	12	0.10	< 10	< 10	29	< 10	18
531-CT-099	201	229	1	0.01	28	270	10	2	4	27	0.13	< 10	< 10	54	< 10	58
531-CT-100	201	229	< 1	0.01	14	300	4	< 2	2	19	0.08	< 10	< 10	35	< 10	30
531-CT-101	201	229	< 1	0.01	17	570	4	2	2	18	0.10	< 10	< 10	29	< 10	30
531-CT-102	201	229	< 1	0.01	12	370	2	4	2	16	0.09	< 10	< 10	27	< 10	20
531-CT-103	201	229	< 1	0.01	15	490	2	2	1	12	0.10	< 10	< 10	28	< 10	20
531-CT-104	201	229	< 1	< 0.01	15	110	< 2	4	1	9	0.10	< 10	< 10	28	< 10	18
531-CT-108	201	229	< 1	< 0.01	14	620	< 2	2	1	12	0.09	< 10	< 10	25	< 10	14
531-CT-109	201	229	< 1	< 0.01	27	260	6	2	1	10	0.10	< 10	< 10	30	< 10	20
531-CT-110	201	229	< 1	0.01	16	170	< 2	< 2	2	19	0.13	< 10	< 10	33	< 10	26
531-CT-111	201	229	< 1	0.01	12	420	2	< 2	1	15	0.10	< 10	< 10	24	< 10	18
531-CT-112	201	229	< 1	0.01	37	1000	28	4	1	14	0.09	< 10	< 10	36	< 10	28
531-CT-113	201	229	< 1	0.01	14	420	< 2	< 2	2	14	0.09	< 10	< 10	26	< 10	20
531-CT-114	201	229	< 1	0.01	41	680	2	2	2	19	0.09	< 10	< 10	30	< 10	22
531-CT-115	201	229	< 1	0.01	16	150	2	2	2	15	0.09	< 10	< 10	28	< 10	22
531-CT-116	201	229	< 1	< 0.01	51	840	6	< 2	2	12	0.10	< 10	< 10	42	< 10	28
531-CT-117	201	229	< 1	0.01	13	130	4	< 2	3	26	0.12	< 10	< 10	35	< 10	28
531-CT-118	201	229	< 1	< 0.01	209	460	< 2	6	37	2	0.07	< 10	< 10	326	10	124
531-CT-119	217	229	< 1	0.01	10	190	2	2	2	19	0.10	< 10	< 10	30	< 10	18
531-CT-120	201	229	< 1	< 0.01	29	560	6	4	2	10	0.08	< 10	< 10	31	< 10	16
531-CT-121	201	229	< 1	0.01	20	470	6	2	3	14	0.09	< 10	< 10	30	< 10	20
531-CT-122	201	229	< 1	0.01	13	780	2	2	2	18	0.07	< 10	< 10	25	< 10	18
531-CT-130	201	229	< 1	< 0.01	42	200	6	2	7	10	0.11	< 10	< 10	82	< 10	36
531-CT-131	201	229	< 1	0.01	20	490	2	4	4	31	0.08	< 10	< 10	41	< 10	64

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SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-CT-132	201	229	3 < 0.2	0.86	22	30	0.5	2	0.21 < 0.5	6	32	8	1.65 < 10	< 1	0.03 < 10	0.24	85				
531-CT-133	201	229	99 < 0.2	0.65	4	20	0.5	< 2	0.14 < 0.5	1	19	4	0.95 < 10	< 1	0.02 < 10	0.09	45				
531-CT-134	201	229	< 1 < 0.2	0.68	< 2	20	< 0.5	< 2	0.18 < 0.5	3	15	3	0.80 < 10	< 1	0.02 < 10	0.19	70				
531-CT-135	201	229	< 1 < 0.2	0.31	2	20	< 0.5	< 2	0.09 < 0.5	< 1	13	3	0.37 < 10	< 1	0.01 < 10	0.08	30				
531-CT-136	201	229	< 1 < 0.2	0.95	< 2	20	0.5	< 2	0.14 < 0.5	4	24	6	1.49 < 10	< 1	0.01 < 10	0.12	45				
531-CT-137	201	229	< 1 < 0.2	0.84	4	20	0.5	< 2	0.11 < 0.5	3	27	4	1.60 < 10	< 1	0.02 < 10	0.12	45				
531-CT-138	201	229	< 1 < 0.2	0.97	6	30	0.5	< 2	0.22 < 0.5	4	24	4	1.43 < 10	< 1	0.03 < 10	0.18	65				
531-CT-140	201	229	4 < 0.2	1.27	6	20	0.5	< 2	0.21 < 0.5	8	40	25	2.08 < 10	< 1	0.02 < 10	0.46	165				
531-CT-141	201	229	10 < 0.2	0.71	< 2	10	0.5	< 2	0.20 < 0.5	5	28	23	1.09 < 10	< 1	0.02	10	0.28	75			
531-CT-142	201	229	4 < 0.2	1.36	8	50	0.5	2	0.52 < 0.5	13	46	35	2.21 < 10	< 1	0.05	20	0.61	240			
531-CT-250	201	229	< 1 < 0.2	1.25	2	30	0.5	< 2	0.68 < 0.5	9	67	25	2.39 < 10	< 1	0.19	20	0.77	265			
531-CT-251	201	229	< 1 < 0.2	1.02	2	50	0.5	6	0.33 < 0.5	4	26	8	1.20 < 10	< 1	0.16 < 10	0.40	150				
531-CT-252	201	229	< 1 < 0.2	1.01	< 2	40	0.5	< 2	0.30 < 0.5	4	29	7	1.39 < 10	< 1	0.14	10	0.39	190			
531-CT-253	201	229	13 < 0.2	0.88	2	40	0.5	< 2	0.29 < 0.5	3	24	6	1.15 < 10	< 1	0.09	10	0.33	125			
531-CT-254	201	229	< 1 < 0.2	1.52	4	60	0.5	< 2	0.30 < 0.5	11	40	11	1.82 < 10	< 1	0.10	10	0.49	340			
531-CT-255	201	229	< 1 < 0.2	0.77	4	30	< 0.5	< 2	0.21 < 0.5	2	23	7	1.00 < 10	< 1	0.03 < 10	0.20	90				
531-CT-256	201	229	7 < 0.2	1.09	12	30	0.5	< 2	0.18 < 0.5	5	36	11	1.77 < 10	< 1	0.04 < 10	0.28	100				
531-CT-257	201	229	4 < 0.2	0.69	6	20	0.5	< 2	0.34 < 0.5	3	28	11	1.27 < 10	< 1	0.02	10	0.26	110			
531-CT-258	201	229	< 1 < 0.2	1.31	< 2	60	0.5	2	0.42 < 0.5	6	32	11	1.65 < 10	< 1	0.14	10	0.49	210			
531-CT-259	217	229	2 < 0.2	1.59	10	100	1.0	< 2	0.91 < 0.5	9	71	17	2.06 < 10	< 1	0.22	10	0.59	400			
531-CT-260	217	229	< 1 < 0.2	2.20	< 2	100	0.5	4	0.84 < 0.5	9	60	19	2.35	10	< 1	0.27	10	0.76	240		
531-CT-261	217	229	3 < 0.2	2.59	8	150	1.5	< 2	0.62 < 0.5	14	65	31	3.05	10	< 1	0.34	20	0.93	725		
531-CT-262	201	229	2 < 0.2	1.17	< 2	40	0.5	2	0.29 < 0.5	6	28	8	1.29 < 10	< 1	0.17	10	0.43	130			
531-CT-263	201	229	5 < 0.2	0.79	2	50	0.5	< 2	0.29 < 0.5	4	20	6	0.97 < 10	< 1	0.11 < 10	0.30	245				
531-CT-264	201	229	4 < 0.2	1.04	6	30	0.5	2	0.19 < 0.5	5	47	8	1.65 < 10	< 1	0.05 < 10	0.28	115				
531-CT-265	201	229	< 1 < 0.2	2.35	8	110	1.0	< 2	0.44 < 0.5	10	53	17	2.62	10	< 1	0.37	10	0.89	425		
531-CT-266	201	229	2 < 0.2	0.70	< 2	20	< 0.5	< 2	0.40 < 0.5	3	24	4	1.10 < 10	< 1	0.07	10	0.28	110			
531-CT-267	201	229	1 < 0.2	0.60	2	20	< 0.5	< 2	0.25 < 0.5	3	17	4	0.76 < 10	< 1	0.04 < 10	0.21	75				
531-CT-268	201	229	< 1 < 0.2	1.41	8	70	0.5	< 2	0.25 < 0.5	6	32	10	1.62 < 10	< 1	0.16	10	0.48	235			
531-CT-269	201	229	< 1 < 0.2	0.97	< 2	40	0.5	< 2	0.24 < 0.5	3	24	8	1.21 < 10	< 1	0.13	10	0.39	165			
531-CT-270	201	229	4 < 0.2	1.36	< 2	70	0.5	< 2	0.26 < 0.5	5	29	12	1.39 < 10	< 1	0.18	10	0.45	150			
531-CT-271	201	229	< 1 < 0.2	0.96	< 2	40	0.5	2	0.22 < 0.5	3	24	7	1.16 < 10	< 1	0.11	10	0.37	175			
531-CT-272	201	229	1 < 0.2	0.80	< 2	30	0.5	< 2	0.20 < 0.5	3	20	6	1.03 < 10	< 1	0.07 < 10	0.30	115				
531-CT-273	201	229	< 1 < 0.2	0.90	< 2	40	0.5	< 2	0.25 < 0.5	3	22	7	1.15 < 10	< 1	0.13	10	0.36	150			
531-CT-274	201	229	1 < 0.2	1.08	< 2	40	0.5	< 2	0.26 < 0.5	3	26	9	1.33 < 10	< 1	0.14	10	0.43	170			
531-CT-275	201	229	1 < 0.2	0.76	6	30	< 0.5	< 2	0.24 < 0.5	3	26	5	1.13 < 10	< 1	0.07 < 10	0.31	115				
531-CT-276	201	229	3 < 0.2	0.73	2	20	0.5	< 2	0.40 < 0.5	3	29	7	1.21 < 10	< 1	0.07	10	0.31	100			
531-CT-277	201	229	< 1 < 0.2	1.01	4	30	< 0.5	2	0.26 < 0.5	4	27	8	1.31 < 10	< 1	0.03 < 10	0.24	95				
531-CT-278	201	229	2 < 0.2	0.94	2	30	0.5	< 2	0.19 < 0.5	2	19	4	1.06 < 10	< 1	0.03 < 10	0.16	90				
531-CT-279	201	229	5 < 0.2	0.46	2	10	< 0.5	< 2	0.31 < 0.5	3	23	7	0.96 < 10	< 1	0.02 < 10	0.19	75				

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

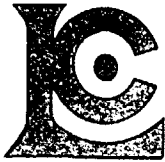
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 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :2-B  
 Total Pages :3  
 Certificate Date: 22-AUG-95  
 Invoice No. :19524399  
 P.O. Number :  
 Account :GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9524399</b>
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531-CT-132	201 229	< 1	< 0.01	20	370	2	2	1	12	0.10	< 10	< 10	31	< 10	28
531-CT-133	201 229	< 1	< 0.01	7	370	< 2	< 2	1	10	0.07	< 10	< 10	20	< 10	14
531-CT-134	201 229	< 1	< 0.01	7	210	2	2	1	10	0.08	< 10	< 10	24	< 10	16
531-CT-135	201 229	< 1	< 0.01	4	80	4	< 2	< 1	5	0.05	< 10	< 10	11	< 10	8
531-CT-136	201 229	< 1	< 0.01	18	540	4	< 2	1	6	0.06	< 10	< 10	28	< 10	10
531-CT-137	201 229	< 1	< 0.01	11	250	4	< 2	1	6	0.06	< 10	< 10	28	< 10	10
531-CT-138	201 229	< 1	< 0.01	12	550	2	2	1	10	0.07	< 10	< 10	27	< 10	18
531-CT-140	201 229	< 1	< 0.01	37	440	< 2	2	2	9	0.10	< 10	< 10	42	< 10	30
531-CT-141	201 229	< 1	< 0.01	34	280	4	< 2	1	8	0.08	< 10	< 10	23	< 10	14
531-CT-142	201 229	1	0.01	31	720	4	2	3	19	0.13	< 10	< 10	46	< 10	32
531-CT-250	201 229	< 1	0.01	35	1080	2	2	3	19	0.14	< 10	< 10	53	< 10	52
531-CT-251	201 229	< 1	0.01	12	90	4	4	2	19	0.09	< 10	< 10	29	< 10	32
531-CT-252	201 229	< 1	0.01	13	300	2	2	2	21	0.10	< 10	< 10	33	< 10	30
531-CT-253	201 229	< 1	0.01	11	240	2	2	2	22	0.09	< 10	< 10	29	< 10	24
531-CT-254	201 229	< 1	0.01	17	500	6	2	3	20	0.11	< 10	< 10	40	< 10	40
531-CT-255	201 229	< 1	< 0.01	11	410	2	2	1	12	0.08	< 10	< 10	24	< 10	14
531-CT-256	201 229	< 1	< 0.01	20	490	4	< 2	2	9	0.10	< 10	< 10	41	< 10	24
531-CT-257	201 229	< 1	< 0.01	22	660	4	2	1	10	0.08	< 10	< 10	27	< 10	18
531-CT-258	201 229	< 1	0.01	15	560	8	2	3	19	0.09	< 10	< 10	37	< 10	44
531-CT-259	217 229	< 1	0.02	21	580	6	2	4	24	0.08	< 10	< 10	39	< 10	48
531-CT-260	217 229	< 1	0.02	28	280	6	< 2	6	24	0.08	< 10	< 10	44	< 10	60
531-CT-261	217 229	< 1	0.02	32	460	10	< 2	8	29	0.08	< 10	< 10	62	< 10	68
531-CT-262	201 229	< 1	0.01	13	300	8	2	2	17	0.09	< 10	< 10	27	< 10	36
531-CT-263	201 229	< 1	0.01	9	260	4	2	2	16	0.08	< 10	< 10	22	< 10	28
531-CT-264	201 229	< 1	< 0.01	16	660	4	2	2	11	0.09	< 10	< 10	33	< 10	40
531-CT-265	201 229	< 1	0.01	26	250	8	< 2	6	28	0.12	< 10	< 10	57	< 10	62
531-CT-266	201 229	< 1	0.01	9	620	2	2	2	21	0.08	< 10	< 10	26	< 10	22
531-CT-267	201 229	< 1	0.01	8	430	6	< 2	1	15	0.07	< 10	< 10	19	< 10	16
531-CT-268	201 229	< 1	0.01	14	140	6	2	3	21	0.08	< 10	< 10	37	< 10	40
531-CT-269	201 229	< 1	0.01	11	280	6	2	2	18	0.07	< 10	< 10	26	< 10	36
531-CT-270	201 229	< 1	0.01	14	360	4	< 2	3	18	0.07	< 10	< 10	27	< 10	36
531-CT-271	201 229	< 1	0.01	10	200	6	< 2	2	17	0.08	< 10	< 10	26	< 10	32
531-CT-272	201 229	< 1	0.01	8	200	4	< 2	2	15	0.07	< 10	< 10	24	< 10	26
531-CT-273	201 229	< 1	0.01	10	310	2	4	2	18	0.08	< 10	< 10	27	< 10	28
531-CT-274	201 229	< 1	0.01	12	360	< 2	< 2	3	18	0.08	< 10	< 10	30	< 10	32
531-CT-275	201 229	< 1	0.01	10	220	2	2	2	15	0.09	< 10	< 10	28	< 10	24
531-CT-276	201 229	< 1	0.01	15	690	< 2	2	2	17	0.09	< 10	< 10	27	< 10	18
531-CT-277	201 229	< 1	0.01	16	630	2	< 2	1	12	0.09	< 10	< 10	28	< 10	18
531-CT-278	201 229	< 1	0.01	8	690	2	< 2	1	11	0.07	< 10	< 10	22	< 10	26
531-CT-279	201 229	< 1	0.01	19	680	2	2	1	12	0.05	< 10	< 10	20	< 10	10

CERTIFICATION: \_\_\_\_\_



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

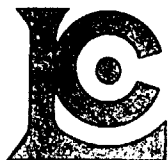
Page Number : 1-A  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : I9523942  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523942

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-SD-001	201 229	1 < 0.2	1.11	8	20 < 0.5	< 2	0.26 < 0.5	4	25	9	1.31 < 10	< 1	0.03 < 10	0.20	95					
531-SD-002	217 229	< 1 < 0.2	2.66	< 2	130	0.5	2	0.63 < 0.5	14	62	21	3.02 < 10	< 1	0.41	10	0.94	495			
531-SD-003	201 229	1 0.2	0.87	< 2	20 < 0.5	< 2	0.22 < 0.5	2	21	3	1.11 < 10	< 1	0.02 < 10	0.15	70					
531-SD-004	201 229	1 < 0.2	0.80	4	20 < 0.5	< 2	0.18 < 0.5	3	26	6	1.53 < 10	< 1	0.02 < 10	0.13	55					
531-SD-005	201 229	< 1 < 0.2	0.91	< 2	30 < 0.5	< 2	0.17 < 0.5	4	28	3	1.94 < 10	< 1	0.03 < 10	0.14	80					
531-SD-006	201 229	< 1 < 0.2	0.63	< 2	20 < 0.5	2	0.21 < 0.5	2	20	3	1.08 < 10	< 1	0.02 < 10	0.19	70					
531-SD-007	201 229	< 1 < 0.2	0.45	< 2	10 < 0.5	< 2	0.17 < 0.5	2	17	2	0.91 < 10	< 1	0.03 < 10	0.19	75					
531-SD-008	201 229	< 1 < 0.2	0.73	< 2	40 < 0.5	< 2	0.28 < 0.5	3	23	8	1.23 < 10	< 1	0.08	10	0.28	210				
531-SD-009	201 229	< 1 < 0.2	1.01	< 2	50 < 0.5	< 2	0.25 < 0.5	4	25	8	1.26 < 10	< 1	0.11	10	0.36	235				
531-SD-010	201 229	2 < 0.2	1.33	< 2	70 < 0.5	< 2	0.30 < 0.5	10	30	10	1.59 < 10	< 1	0.14	10	0.40	440				
531-SD-011	201 229	< 1 < 0.2	1.21	< 2	50 < 0.5	2	0.34 < 0.5	5	27	7	1.48 < 10	< 1	0.16	10	0.43	220				
531-SD-012	201 229	< 1 < 0.2	1.50	< 2	70 < 0.5	2	0.36 < 0.5	5	33	11	1.85 < 10	< 1	0.21	10	0.49	190				
531-SD-013	201 229	< 1 < 0.2	1.51	< 2	70 < 0.5	2	0.35 < 0.5	6	36	8	1.85 < 10	< 1	0.22	10	0.59	235				
531-SD-014	201 229	< 1 < 0.2	0.82	4	20 < 0.5	< 2	0.19 < 0.5	3	25	4	1.28 < 10	< 1	0.02 < 10	0.19	75					
531-SD-015	201 229	5 < 0.2	2.36	14	40 < 0.5	< 2	0.21 < 0.5	10	57	27	3.06 < 10	< 1	0.05 < 10	0.47	185					
531-SD-016	201 229	3 < 0.2	2.72	24	100 < 0.5	2	0.33 < 0.5	18	66	26	3.66 < 10	< 1	0.08	10	0.76	325				
531-SD-017	201 229	1 0.2	1.33	10	30 < 0.5	< 2	0.22 < 0.5	8	38	17	2.15 < 10	< 1	0.04 < 10	0.37	135					
531-SD-018	201 229	3 < 0.2	1.32	2	30 < 0.5	< 2	0.21 < 0.5	5	34	9	1.46 < 10	< 1	0.03 < 10	0.28	95					
531-SD-019	201 229	21 0.4	0.72	2	20 < 0.5	< 2	0.13 < 0.5	3	35	3	1.26 < 10	< 1	0.02 < 10	0.21	65					
531-SD-020	201 229	6 < 0.2	0.81	< 2	20 < 0.5	< 2	0.25 < 0.5	3	24	4	1.03 < 10	< 1	0.03 < 10	0.27	80					
531-SD-021	201 229	110 < 0.2	1.05	2	40 < 0.5	< 2	0.40 < 0.5	6	43	12	1.83 < 10	< 1	0.04	10	0.44	140				
531-SD-022	201 229	< 1 < 0.2	1.07	< 2	60 < 0.5	< 2	0.53 < 0.5	1	16	6	1.51 < 10	< 1	0.07	20	0.31	110				
531-SD-023	201 229	2 < 0.2	1.42	< 2	30 < 0.5	< 2	0.29 < 0.5	7	39	7	2.07 < 10	< 1	0.06 < 10	0.31	110					
531-SD-024	201 229	3 < 0.2	0.71	< 2	20 < 0.5	< 2	0.36 < 0.5	4	21	4	0.94 < 10	< 1	0.02 < 10	0.24	80					
531-SD-025	217 229	< 1 < 0.2	2.94	< 2	180	0.5	< 2	0.80 < 0.5	14	78	17	3.14 < 10	< 1	0.37	10	0.95	770			
531-SD-026	201 229	4 < 0.2	0.72	< 2	30 < 0.5	< 2	0.33 < 0.5	2	19	4	0.95 < 10	< 1	0.03	10	0.18	70				
531-SD-027	201 229	5 < 0.2	1.61	8	50 < 0.5	2	0.31 < 0.5	9	49	31	1.79 < 10	< 1	0.04	10	0.49	140				
531-SD-028	201 229	< 1 < 0.2	0.72	< 2	20 < 0.5	< 2	0.37 < 0.5	3	18	3	0.88 < 10	< 1	0.04 < 10	0.26	95					
531-SD-029	201 229	10 0.2	1.89	12	40 < 0.5	2	0.30 < 0.5	13	63	33	3.00 < 10	< 1	0.04 < 10	0.72	240					
531-SD-030	201 229	5 < 0.2	1.74	6	40 < 0.5	< 2	0.20 < 0.5	8	59	11	2.62 < 10	< 1	0.05 < 10	0.51	160					
531-SD-031	201 229	16 < 0.2	1.72	2	30 < 0.5	2	0.34 < 0.5	9	45	28	2.04 < 10	< 1	0.04	10	0.52	185				
531-SD-032	201 229	3 < 0.2	2.21	6	80 < 0.5	2	0.39 < 0.5	12	63	64	2.53 < 10	< 1	0.04	10	0.71	395				
531-SD-033	201 229	8 < 0.2	3.98	16	100 < 0.5	4	0.49 < 0.5	35	262	54	6.97 < 10	< 1	0.06 < 10	3.22	940					
531-SD-034	201 229	4 < 0.2	1.57	20	110 < 0.5	< 2	0.23 < 0.5	13	73	11	2.85 < 10	< 1	0.06 < 10	0.66	1180					
531-SD-035	201 229	17 < 0.2	1.18	8	40 < 0.5	< 2	0.26 < 0.5	7	42	9	1.83 < 10	< 1	0.04 < 10	0.34	120					
531-SD-036	201 229	8 < 0.2	1.00	10	30 < 0.5	< 2	0.22 < 0.5	7	49	10	1.83 < 10	< 1	0.05 < 10	0.32	90					
531-SD-037	201 229	32 < 0.2	0.96	2	30 < 0.5	2	0.49 < 0.5	8	50	12	1.60 < 10	< 1	0.05	10	0.45	120				
531-SD-038	201 229	14 < 0.2	0.94	4	20 < 0.5	< 2	0.21 < 0.5	4	27	8	1.86 < 10	< 1	0.04 < 10	0.17	90					
531-SD-039	201 229	15 < 0.2	0.87	< 2	20 < 0.5	< 2	0.18 < 0.5	3	23	2	1.24 < 10	< 1	0.02 < 10	0.13	55					
531-SD-040	201 229	24 < 0.2	1.03	12	20 < 0.5	2	0.26 < 0.5	6	31	10	1.94 < 10	< 1	0.04 < 10	0.23	100					

CERTIFICATION: *Hawthorne*





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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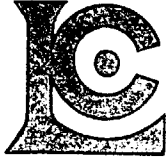
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Page Number : 1-B  
Total Pages : 3  
Certificate Date: 15-AUG-95  
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## CERTIFICATE OF ANALYSIS A9523942

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-SD-001	201 229	< 1	0.01	12	90	2	< 2	2	16	0.11	< 10	< 10	30	< 10	18
531-SD-002	217 229	< 1	0.03	26	290	8	< 2	7	37	0.14	< 10	< 10	62	< 10	58
531-SD-003	201 229	< 1	< 0.01	7	180	2	< 2	1	15	0.10	< 10	< 10	24	< 10	14
531-SD-004	201 229	< 1	< 0.01	17	670	2	< 2	1	9	0.06	< 10	< 10	29	< 10	12
531-SD-005	201 229	< 1	< 0.01	13	880	2	< 2	1	8	0.04	< 10	< 10	34	< 10	20
531-SD-006	201 229	< 1	< 0.01	7	480	2	< 2	1	10	0.04	< 10	< 10	20	< 10	12
531-SD-007	201 229	< 1	< 0.01	6	350	< 2	< 2	1	9	0.03	< 10	< 10	17	< 10	12
531-SD-008	201 229	< 1	0.01	10	590	2	< 2	2	12	0.05	< 10	< 10	23	< 10	24
531-SD-009	201 229	< 1	0.01	12	460	2	< 2	2	12	0.06	< 10	< 10	23	< 10	26
531-SD-010	201 229	< 1	0.01	14	410	4	2	2	19	0.07	< 10	< 10	29	< 10	28
531-SD-011	201 229	< 1	0.01	13	310	4	< 2	3	25	0.10	< 10	< 10	31	< 10	26
531-SD-012	201 229	< 1	0.01	15	370	4	< 2	3	26	0.09	< 10	< 10	42	< 10	34
531-SD-013	201 229	< 1	0.01	17	270	4	< 2	3	26	0.11	< 10	< 10	39	< 10	38
531-SD-014	201 229	< 1	< 0.01	16	310	2	< 2	1	10	0.08	< 10	< 10	25	< 10	12
531-SD-015	201 229	< 1	< 0.01	48	880	4	< 2	3	11	0.11	< 10	< 10	53	< 10	40
531-SD-016	201 229	< 1	0.01	91	550	6	2	4	20	0.17	< 10	< 10	69	< 10	46
531-SD-017	201 229	< 1	< 0.01	30	420	6	< 2	2	11	0.12	< 10	< 10	43	< 10	24
531-SD-018	201 229	< 1	< 0.01	25	240	2	< 2	1	15	0.11	< 10	< 10	29	< 10	18
531-SD-019	201 229	< 1	< 0.01	17	140	2	< 2	1	10	0.09	< 10	< 10	26	< 10	14
531-SD-020	201 229	< 1	0.01	14	400	2	< 2	1	13	0.09	< 10	< 10	24	< 10	14
531-SD-021	201 229	< 1	0.01	35	320	2	< 2	3	15	0.11	< 10	< 10	35	< 10	18
531-SD-022	201 229	< 1	0.01	11	260	2	< 2	2	16	0.09	< 10	< 10	16	< 10	8
531-SD-023	201 229	< 1	0.01	21	1000	4	< 2	2	16	0.10	< 10	< 10	39	< 10	36
531-SD-024	201 229	< 1	0.01	18	480	2	< 2	1	11	0.08	< 10	< 10	22	< 10	14
531-SD-025	217 229	< 1	0.02	34	320	8	2	5	20	0.12	< 10	< 10	68	< 10	64
531-SD-026	201 229	< 1	< 0.01	9	220	< 2	< 2	1	15	0.09	< 10	< 10	23	< 10	10
531-SD-027	201 229	< 1	< 0.01	31	390	2	< 2	3	14	0.11	< 10	< 10	44	< 10	38
531-SD-028	201 229	< 1	0.01	9	450	2	< 2	2	22	0.09	< 10	< 10	21	< 10	14
531-SD-029	201 229	< 1	< 0.01	57	570	6	< 2	5	14	0.13	< 10	< 10	67	< 10	56
531-SD-030	201 229	< 1	< 0.01	31	370	4	< 2	3	13	0.12	< 10	< 10	57	< 10	54
531-SD-031	201 229	< 1	0.01	33	330	4	< 2	3	16	0.11	< 10	< 10	41	< 10	38
531-SD-032	201 229	< 1	< 0.01	57	370	4	< 2	5	13	0.11	< 10	< 10	56	< 10	46
531-SD-033	201 229	< 1	< 0.01	83	610	6	2	24	8	0.29	< 10	< 10	226	< 10	80
531-SD-034	201 229	< 1	< 0.01	47	500	6	< 2	3	11	0.09	< 10	< 10	56	< 10	54
531-SD-035	201 229	< 1	< 0.01	36	810	4	< 2	1	11	0.07	< 10	< 10	33	< 10	22
531-SD-036	201 229	< 1	< 0.01	42	680	2	< 2	1	11	0.08	< 10	< 10	36	< 10	22
531-SD-037	201 229	< 1	< 0.01	47	310	4	< 2	2	14	0.11	< 10	< 10	34	< 10	20
531-SD-038	201 229	< 1	< 0.01	13	440	2	< 2	1	10	0.09	< 10	< 10	35	< 10	16
531-SD-039	201 229	< 1	< 0.01	9	340	2	2	1	11	0.08	< 10	< 10	25	< 10	8
531-SD-040	201 229	< 1	0.01	18	790	2	2	1	12	0.08	< 10	< 10	33	< 10	18

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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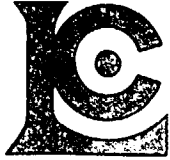
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :2-A  
 Total Pages :3  
 Certificate Date: 15-AUG-95  
 Invoice No. :19523942  
 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS A9523942

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-SD-041	201 229	1 < 0.2	0.98	2	40 < 0.5	< 2	0.39 < 0.5	4	29	9	1.34 < 10	< 1	0.12	10	0.43	175				
531-SD-042	201 229	1 < 0.2	1.28	2	70 < 0.5	< 2	0.49 < 0.5	7	33	12	1.53 < 10	< 1	0.08	10	0.39	175				
531-SD-043	201 229	< 1 < 0.2	1.32	26	40 < 0.5	< 2	0.31 < 0.5	6	31	56	1.68 < 10	< 1	0.05	< 10	0.42	135				
531-SD-044	201 229	2 < 0.2	1.76	16	40 < 0.5	< 2	0.24 < 0.5	8	30	26	1.73 < 10	< 1	0.03	< 10	0.33	110				
531-SD-045	201 229	2 < 0.2	4.15	18	110 < 0.5	< 2	0.31 < 0.5	14	52	46	2.97	10	< 1	0.10	10	0.62	185			
531-SD-046	201 229	2 < 0.2	2.02	14	50 < 0.5	< 2	0.26 < 0.5	10	51	36	2.40 < 10	< 1	0.06	10	0.62	180				
531-SD-047	201 229	9 < 0.2	1.28	16	50 < 0.5	< 2	0.22 < 0.5	8	50	13	2.59 < 10	< 1	0.06	< 10	0.37	140				
531-SD-048	201 229	2 < 0.2	0.98	8	30 < 0.5	< 2	0.21 < 0.5	6	33	10	1.46 < 10	< 1	0.04	< 10	0.31	115				
531-SD-049	201 229	< 1 < 0.2	0.87	4	20 < 0.5	< 2	0.16 < 0.5	3	25	4	1.57 < 10	< 1	0.03	< 10	0.13	85				
531-SD-050	201 229	< 1 < 0.2	1.12	2	30 < 0.5	< 2	0.29 < 0.5	4	27	6	1.44 < 10	< 1	0.06	< 10	0.30	125				
531-SD-051	217 229	< 1 < 0.2	3.49	6	170 < 0.5	< 2	0.54 < 0.5	19	94	29	3.66	10	< 1	0.49	10	1.13	760			
531-SD-052	201 229	< 1 < 0.2	0.77	2	30 < 0.5	< 2	0.38 < 0.5	3	19	5	0.83 < 10	< 1	0.07	10	0.28	110				
531-SD-053	201 229	< 1 < 0.2	0.87	4	40 < 0.5	< 2	0.45 < 0.5	3	20	8	0.88 < 10	< 1	0.06	10	0.25	115				
531-SD-054	217 229	< 1 < 0.2	1.68	2	140 < 0.5	< 2	0.66 < 0.5	10	94	14	1.89	10	< 1	0.21	10	0.47	695			
531-SD-055	201 229	1 < 0.2	0.87	4	40 < 0.5	< 2	0.37 < 0.5	4	22	8	1.10 < 10	< 1	0.10	10	0.31	165				
531-SD-056	201 229	8 < 0.2	0.67	2	30 < 0.5	< 2	0.38 < 0.5	2	18	7	0.86 < 10	< 1	0.07	10	0.24	115				
531-SD-057	217 229	2 < 0.2	2.33	2	130 < 0.5	< 2	0.52 < 0.5	17	80	18	2.73	10	< 1	0.46	10	0.93	955			
531-SD-058	201 229	7 < 0.2	0.70	2	20 < 0.5	< 2	0.36 < 0.5	3	21	8	0.95 < 10	< 1	0.03	< 10	0.22	80				
531-SD-059	201 229	5 < 0.2	1.31	10	40 < 0.5	< 2	0.24 < 0.5	8	42	17	1.80 < 10	< 1	0.03	< 10	0.35	110				
531-SD-060	201 229	2 < 0.2	1.17	10	40 < 0.5	< 2	0.21 < 0.5	12	68	12	2.27 < 10	< 1	0.04	< 10	0.53	165				
531-SD-061	201 229	2 < 0.2	1.55	10	40 < 0.5	< 2	0.48 < 0.5	11	55	31	1.86 < 10	< 1	0.06	10	0.65	190				
531-SD-062	201 229	4 < 0.2	0.97	4	30 < 0.5	< 2	0.55 < 0.5	4	34	42	1.45 < 10	< 1	0.03	20	0.34	190				
531-SD-063	201 229	110 < 0.2	0.54	2	20 < 0.5	< 2	0.19 < 0.5	2	23	4	0.72 < 10	< 1	0.03	< 10	0.17	65				
531-SD-064	201 229	6 < 0.2	1.83	4	90 < 0.5	< 2	0.70 < 0.5	9	47	19	2.06	10	< 1	0.17	10	0.60	395			
531-SD-065	201 229	9 < 0.2	0.47	2	10 < 0.5	< 2	0.18 < 0.5	2	16	7	0.82 < 10	< 1	0.01	< 10	0.14	60				
531-SD-066	201 229	< 1 < 0.2	1.35	2	50 < 0.5	< 2	0.57 < 0.5	8	48	19	1.79 < 10	< 1	0.04	10	0.49	225				
531-SD-067	201 229	4 < 0.2	3.36	14	110 < 0.5	< 2	0.51 < 0.5	29	102	84	4.17	10	< 1	0.07	10	1.10	795			
531-SD-068	201 229	< 1 < 0.2	1.27	4	30 < 0.5	< 2	0.32 < 0.5	6	34	10	1.34 < 10	< 1	0.03	10	0.46	135				
531-SD-069	201 229	1 < 0.2	1.84	2	60 < 0.5	< 2	0.47 < 0.5	7	46	15	1.94	10	< 1	0.16	10	0.68	250			
531-SD-070	201 229	2 < 0.2	1.71	2	110 < 0.5	< 2	0.50 < 0.5	8	47	17	1.89 < 10	< 1	0.16	10	0.59	480				
531-SD-071	201 229	4 < 0.2	2.80	8	40 < 0.5	< 2	0.31 < 0.5	22	158	73	4.89	10	< 1	0.04	< 10	1.81	405			
531-SD-072	201 229	1 < 0.2	1.07	2	50 < 0.5	< 2	0.29 < 0.5	4	26	9	1.32 < 10	< 1	0.09	10	0.44	140				
531-SD-073	201 229	1 < 0.2	1.20	2	50 < 0.5	< 2	0.22 < 0.5	5	32	11	1.52 < 10	< 1	0.13	< 10	0.46	185				
531-SD-074	201 229	17 < 0.2	1.16	10	40 < 0.5	< 2	0.17 < 0.5	8	68	8	2.31 < 10	< 1	0.07	< 10	0.40	145				
531-SD-075	201 229	5 < 0.2	1.39	10	30 < 0.5	< 2	0.31 < 0.5	10	62	14	2.38 < 10	< 1	0.10	< 10	0.55	165				
531-SD-076	201 229	6 < 0.2	0.97	8	40 < 0.5	< 2	0.49 < 0.5	8	44	17	1.50 < 10	< 1	0.09	10	0.48	145				
531-SD-077	201 229	5 < 0.2	1.26	10	40 < 0.5	< 2	0.27 < 0.5	8	46	10	2.47 < 10	< 1	0.04	< 10	0.36	145				
531-SD-078	201 229	3 < 0.2	0.98	8	20 < 0.5	< 2	0.42 < 0.5	8	46	15	1.53 < 10	< 1	0.03	10	0.43	100				
531-SD-079	201 229	< 1 < 0.2	0.94	4	30 < 0.5	< 2	0.29 < 0.5	3	29	7	1.28 < 10	< 1	0.04	10	0.31	105				
531-SD-080	201 229	1 < 0.2	2.58	2	110 < 0.5	< 2	0.55 < 0.5	11	61	30	2.88	10	< 1	0.30	20	1.00	390			

CERTIFICATION:



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Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

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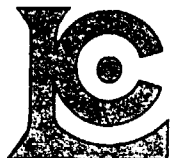
## CERTIFICATE OF ANALYSIS

### A9523942

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-SD-041	201 229	< 1	0.02	13	310	2	< 2	3	21	0.11	< 10	< 10	31	< 10	26
531-SD-042	201 229	< 1	0.01	16	280	4	< 2	3	20	0.12	< 10	< 10	39	< 10	24
531-SD-043	201 229	< 1	0.01	22	270	6	2	3	18	0.14	< 10	< 10	45	< 10	38
531-SD-044	201 229	< 1	0.01	29	280	2	< 2	2	15	0.13	< 10	< 10	38	< 10	26
531-SD-045	201 229	1	0.01	41	440	10	< 2	4	17	0.12	< 10	< 10	63	< 10	74
531-SD-046	201 229	< 1	0.01	46	400	6	< 2	3	15	0.15	< 10	< 10	52	< 10	42
531-SD-047	201 229	< 1	< 0.01	34	580	6	2	1	15	0.09	< 10	< 10	51	< 10	46
531-SD-048	201 229	< 1	< 0.01	18	270	6	< 2	1	13	0.11	< 10	< 10	32	< 10	30
531-SD-049	201 229	< 1	< 0.01	12	510	2	< 2	1	11	0.09	< 10	< 10	32	< 10	16
531-SD-050	201 229	< 1	0.01	12	260	4	< 2	2	21	0.11	< 10	< 10	34	< 10	24
531-SD-051	217 229	< 1	0.03	33	330	14	< 2	8	36	0.15	< 10	< 10	82	< 10	76
531-SD-052	201 229	< 1	0.01	10	620	< 2	< 2	2	20	0.09	< 10	< 10	22	< 10	20
531-SD-053	201 229	< 1	0.01	12	790	2	< 2	2	21	0.08	< 10	< 10	23	< 10	20
531-SD-054	217 229	1	0.03	20	380	6	2	4	29	0.11	< 10	< 10	45	< 10	74
531-SD-055	201 229	< 1	0.01	11	340	8	< 2	2	23	0.09	< 10	< 10	30	< 10	24
531-SD-056	201 229	< 1	0.01	9	590	< 2	2	2	18	0.08	< 10	< 10	23	< 10	16
531-SD-057	217 229	< 1	0.03	27	310	10	4	6	36	0.15	< 10	< 10	62	< 10	62
531-SD-058	201 229	< 1	0.01	13	740	2	< 2	1	15	0.07	< 10	< 10	22	< 10	12
531-SD-059	201 229	< 1	0.01	54	510	4	< 2	2	12	0.10	< 10	< 10	36	< 10	60
531-SD-060	201 229	< 1	< 0.01	73	740	4	< 2	2	12	0.08	< 10	< 10	41	< 10	46
531-SD-061	201 229	< 1	0.01	61	530	2	< 2	3	18	0.13	< 10	< 10	40	< 10	32
531-SD-062	201 229	< 1	0.01	28	510	4	2	3	18	0.12	< 10	< 10	35	< 10	18
531-SD-063	201 229	< 1	< 0.01	9	90	2	< 2	1	14	0.11	< 10	< 10	23	< 10	10
531-SD-064	201 229	< 1	0.01	25	330	6	< 2	5	25	0.12	< 10	< 10	50	< 10	34
531-SD-065	201 229	< 1	< 0.01	10	390	< 2	< 2	< 1	5	0.04	< 10	< 10	18	< 10	8
531-SD-066	201 229	< 1	0.01	24	260	6	2	3	19	0.13	< 10	< 10	41	< 10	38
531-SD-067	201 229	< 1	0.01	67	450	6	< 2	7	16	0.16	< 10	< 10	95	< 10	82
531-SD-068	201 229	< 1	0.01	22	400	8	< 2	2	19	0.13	< 10	< 10	36	< 10	24
531-SD-069	201 229	1	0.02	21	230	6	2	4	33	0.14	< 10	< 10	48	< 10	40
531-SD-070	201 229	2	0.01	23	250	6	2	4	23	0.10	< 10	< 10	40	< 10	40
531-SD-071	201 229	< 1	< 0.01	60	420	6	6	15	10	0.15	< 10	< 10	156	< 10	68
531-SD-072	201 229	< 1	0.01	16	310	8	< 2	2	12	0.06	< 10	< 10	29	< 10	26
531-SD-073	201 229	< 1	0.01	17	180	8	< 2	2	12	0.06	< 10	< 10	33	< 10	32
531-SD-074	201 229	1	< 0.01	39	1130	4	< 2	1	10	0.07	< 10	< 10	40	< 10	46
531-SD-075	201 229	< 1	< 0.01	39	1060	4	2	2	14	0.10	< 10	< 10	48	< 10	50
531-SD-076	201 229	< 1	0.01	48	500	6	2	2	16	0.10	< 10	< 10	33	< 10	24
531-SD-077	201 229	< 1	0.01	33	500	< 2	2	2	14	0.10	< 10	< 10	44	< 10	24
531-SD-078	201 229	< 1	0.01	33	210	< 2	< 2	2	15	0.11	< 10	< 10	34	< 10	18
531-SD-079	201 229	< 1	0.01	12	120	4	< 2	2	21	0.11	< 10	< 10	34	< 10	20
531-SD-080	201 229	< 1	0.03	29	470	4	< 2	7	36	0.14	< 10	< 10	62	< 10	60

CERTIFICATION:

*Stuart Deveau*



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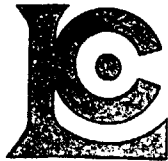
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## CERTIFICATE OF ANALYSIS A9523942

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-SD-081	201 229	< 1	< 0.2	1.36	8	50	< 0.5	2	0.19	< 0.5	3	32	16	1.64	< 10	< 1	0.04	< 10	0.31	100
531-SD-082	201 229	1	< 0.2	2.04	< 2	90	< 0.5	< 2	0.56	< 0.5	11	48	13	2.26	< 10	< 1	0.24	10	0.76	375
531-SD-083	201 229	13	< 0.2	0.93	8	20	< 0.5	< 2	0.22	< 0.5	4	34	7	1.45	< 10	< 1	0.04	10	0.27	85
531-SD-084	201 229	5	< 0.2	1.54	14	60	< 0.5	< 2	0.26	< 0.5	8	52	12	2.42	< 10	< 1	0.07	< 10	0.37	120
531-SD-085	201 229	5	< 0.2	0.99	2	30	< 0.5	< 2	0.18	< 0.5	4	37	6	1.66	< 10	< 1	0.03	< 10	0.24	115
531-SD-086	201 229	< 1	< 0.2	1.12	4	30	< 0.5	< 2	0.34	< 0.5	3	24	4	1.24	< 10	< 1	0.06	10	0.30	105
531-SD-087	201 229	< 1	< 0.2	1.08	< 2	30	< 0.5	< 2	0.47	< 0.5	4	33	5	1.51	< 10	< 1	0.12	< 10	0.46	165
531-SD-088	201 229	< 1	< 0.2	1.67	< 2	110	< 0.5	< 2	0.70	< 0.5	4	34	17	1.73	< 10	< 1	0.14	10	0.43	155
531-SD-089	201 229	2	< 0.2	1.71	< 2	90	< 0.5	< 2	0.60	< 0.5	6	36	16	1.70	< 10	< 1	0.14	10	0.49	310
531-SD-090	201 229	< 1	< 0.2	1.89	2	70	< 0.5	< 2	0.56	< 0.5	12	31	39	1.90	< 10	< 1	0.05	< 10	0.43	270
531-SD-091	201 229	2	< 0.2	1.12	10	20	< 0.5	< 2	0.21	< 0.5	4	35	16	2.09	< 10	< 1	0.03	< 10	0.31	105
531-SD-092	201 229	2	< 0.2	1.90	30	90	< 0.5	< 2	0.27	< 0.5	27	38	39	2.87	< 10	< 1	0.04	< 10	0.34	1115
531-SD-093	201 229	11	< 0.2	1.49	8	40	< 0.5	< 2	0.30	< 0.5	9	56	18	2.46	< 10	< 1	0.07	< 10	0.47	160
531-SD-094	201 229	2	< 0.2	2.65	2	190	0.5	< 2	1.06	< 0.5	11	53	34	3.04	< 10	< 1	0.27	30	0.76	335
531-SD-095	201 229	2	< 0.2	2.96	4	150	0.5	< 2	0.75	< 0.5	12	64	32	3.31	< 10	< 1	0.34	20	1.00	420
531-SD-096	201 229	1	< 0.2	0.74	8	30	< 0.5	< 2	0.31	< 0.5	6	37	13	1.70	< 10	< 1	0.03	< 10	0.27	210
531-SD-097	201 229	3	0.2	1.22	8	30	< 0.5	< 2	0.34	< 0.5	7	43	14	1.90	< 10	< 1	0.03	< 10	0.34	100
531-SD-098	201 229	7	< 0.2	2.60	14	30	< 0.5	< 2	0.22	< 0.5	8	48	33	2.71	< 10	< 1	0.03	< 10	0.62	145
531-SD-099	201 229	< 1	< 0.2	2.11	< 2	120	0.5	< 2	0.65	< 0.5	8	48	22	2.50	< 10	< 1	0.18	20	0.62	305
531-SD-100	201 229	110	< 0.2	0.88	6	40	< 0.5	2	0.27	< 0.5	5	52	8	1.67	< 10	< 1	0.05	< 10	0.40	120
531-SD-101	201 229	5	< 0.2	3.55	< 2	230	0.5	4	0.88	< 0.5	24	31	128	5.46	< 10	< 1	0.13	20	0.93	910
531-SD-102	201 229	1	< 0.2	0.93	2	30	< 0.5	< 2	0.50	< 0.5	5	35	5	1.54	< 10	< 1	0.10	< 10	0.46	240

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 3-B  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523942  
 P.O. Number :  
 Account : GKQ

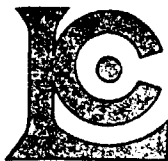
Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

## CERTIFICATE OF ANALYSIS

### A9523942

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-SD-081	201	229	< 1	< 0.01	14	520	6	< 2	2	12	0.08	< 10	< 10	36	< 10	52
531-SD-082	201	229	< 1	0.02	24	320	6	< 2	5	30	0.13	< 10	< 10	50	< 10	52
531-SD-083	201	229	< 1	< 0.01	18	400	2	< 2	1	11	0.09	< 10	< 10	28	< 10	26
531-SD-084	201	229	< 1	< 0.01	36	790	4	< 2	2	14	0.10	< 10	< 10	45	< 10	26
531-SD-085	201	229	< 1	< 0.01	19	1160	2	< 2	1	10	0.07	< 10	< 10	30	< 10	36
531-SD-086	201	229	< 1	0.01	10	470	4	2	2	22	0.10	< 10	< 10	27	< 10	24
531-SD-087	201	229	< 1	0.02	13	470	2	< 2	3	31	0.12	< 10	< 10	35	< 10	30
531-SD-088	201	229	< 1	0.01	20	550	4	2	4	26	0.09	< 10	< 10	38	< 10	28
531-SD-089	201	229	< 1	0.01	19	240	6	2	4	24	0.10	< 10	< 10	38	< 10	40
531-SD-090	201	229	< 1	0.01	26	450	4	< 2	3	18	0.10	< 10	< 10	43	< 10	60
531-SD-091	201	229	< 1	< 0.01	15	330	6	< 2	1	14	0.12	< 10	< 10	50	< 10	26
531-SD-092	201	229	< 1	< 0.01	21	770	12	< 2	3	14	0.09	< 10	< 10	66	< 10	118
531-SD-093	201	229	< 1	0.01	36	960	4	< 2	2	17	0.10	< 10	< 10	45	< 10	88
531-SD-094	201	229	< 1	0.02	37	410	8	< 2	7	28	0.10	< 10	< 10	55	< 10	58
531-SD-095	201	229	< 1	0.02	33	280	10	< 2	8	45	0.13	< 10	< 10	73	< 10	64
531-SD-096	201	229	< 1	0.01	25	1410	2	2	1	16	0.06	< 10	< 10	30	< 10	28
531-SD-097	201	229	< 1	< 0.01	25	170	4	< 2	2	19	0.12	< 10	< 10	41	< 10	30
531-SD-098	201	229	< 1	< 0.01	24	550	4	< 2	4	15	0.13	< 10	< 10	60	< 10	52
531-SD-099	201	229	< 1	0.01	27	310	6	< 2	5	23	0.10	< 10	< 10	51	< 10	40
531-SD-100	201	229	< 1	< 0.01	22	130	6	< 2	1	13	0.11	< 10	< 10	44	< 10	40
531-SD-101	201	229	< 1	0.01	45	500	8	2	16	16	0.11	< 10	< 10	180	< 10	126
531-SD-102	201	229	< 1	0.01	15	650	2	< 2	2	17	0.09	< 10	< 10	35	< 10	26

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

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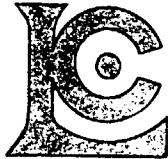
Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-A  
Total Pages : 3  
Certificate Date: 15-AUG-95  
Invoice No. : 19523941  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS A9523941

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HL-001	201 229	6 < 0.2	0.83	10	30 < 0.5	< 2	0.19 < 0.5	6	34	7	1.40 < 10	< 1	0.04 < 10	0.23	125					
531-HL-002	201 229	< 1 < 0.2	4.96	8	100 < 0.5	< 2	0.36 < 0.5	31	72	52	5.92 < 10	< 1	0.08 < 10	1.64	845					
531-HL-003	201 229	45 < 0.2	0.81	2	20 < 0.5	< 2	0.20 < 0.5	4	31	6	1.11 < 10	< 1	0.02 < 10	0.31	100					
531-HL-004	217 229	3 < 0.2	5.21	16	90 < 0.5	< 2	1.17 < 0.5	31	127	92	5.89 < 10	1	0.08 < 10	2.25	1660					
531-HL-005	201 229	16 < 0.4	3.84	108	100 < 0.5	< 2	0.44 < 0.5	26	42	41	7.28 < 10	< 1	0.07 < 10	1.34	775					
531-HL-006	201 229	7 < 0.2	3.01	14	70 < 0.5	< 2	0.27 < 0.5	27	76	29	5.67 < 10	< 1	0.06 < 10	1.11	425					
531-HL-007	201 229	4 < 0.4	1.99	22	130 < 0.5	< 2	0.26 < 0.5	34	36	54	3.31 < 10	< 1	0.10 < 10	0.40	2970					
531-HL-008	201 229	3 < 0.2	0.54	< 2	20 < 0.5	< 2	0.17 < 0.5	2	25	4	1.01 < 10	< 1	0.02 < 10	0.17	65					
531-HL-009	201 229	5 < 0.2	1.27	30	80 < 0.5	< 2	0.53 < 0.5	11	38	96	2.32 < 10	< 1	0.04 < 10	0.45	645					
531-HL-010	201 229	4 < 0.2	0.96	10	60 < 0.5	< 2	0.36 < 0.5	8	33	16	1.56 < 10	< 1	0.08 < 10	0.35	310					
531-HL-011	201 229	4 < 0.2	0.68	8	20 < 0.5	< 2	0.20 < 0.5	3	28	4	1.25 < 10	< 1	0.03 < 10	0.20	75					
531-HL-012	217 229	2 < 0.2	1.25	8	60 < 0.5	< 2	0.29 < 0.5	8	161	10	1.75 < 10	< 1	0.13 < 10	0.43	280					
531-HL-013	201 229	8 < 0.2	0.66	28	30 < 0.5	< 2	0.22 < 0.5	4	28	10	1.52 < 10	< 1	0.02 < 10	0.18	85					
531-HL-014	201 229	6 < 0.4	1.34	44	30 < 0.5	< 2	0.23 < 0.5	12	67	24	2.77 < 10	< 1	0.07 < 10	0.42	245					
531-HL-015	201 229	3 < 0.2	1.13	< 2	50 < 0.5	2	0.29 < 0.5	7	40	8	1.87 < 10	< 1	0.17 < 10	0.46	175					
531-HL-016	201 229	3 < 0.2	0.54	10	10 < 0.5	< 2	0.16 < 0.5	3	34	3	1.60 < 10	< 1	0.03 < 10	0.17	70					
531-HL-017	201 229	1 < 0.2	0.65	14	10 < 0.5	< 2	0.14 < 0.5	4	36	5	1.67 < 10	< 1	0.03 < 10	0.25	80					
531-HL-018	201 229	4 < 0.2	0.83	4	30 < 0.5	< 2	0.37 < 0.5	4	28	6	1.37 < 10	< 1	0.10 < 10	0.34	125					
531-HL-019	201 229	< 1 < 0.2	1.08	2	60 < 0.5	< 2	0.23 < 0.5	6	31	8	1.55 < 10	< 1	0.15 < 10	0.45	205					
531-HL-020	201 229	1 < 0.2	1.66	714	60 < 0.5	< 2	0.27 < 0.5	49	45	17	3.12 < 10	< 1	0.06 < 10	0.66	855					
531-HL-021	201 229	2 < 0.2	0.67	6	20 < 0.5	2	0.23 < 0.5	4	34	5	1.49 < 10	< 1	0.04 < 10	0.23	90					
531-HL-022	201 229	3 < 0.2	0.61	18	20 < 0.5	2	0.21 < 0.5	4	34	5	1.51 < 10	< 1	0.04 < 10	0.30	85					
531-HL-023	201 229	1 < 0.2	1.60	< 2	60 < 0.5	2	0.47 < 0.5	8	39	9	1.89 < 10	< 1	0.06 < 10	0.61	235					
531-HL-024	201 229	4 < 0.2	1.33	4	40 < 0.5	< 2	0.24 < 0.5	7	44	8	2.32 < 10	< 1	0.04 < 10	0.34	115					
531-HL-025	201 229	1 < 0.2	0.89	18	20 < 0.5	2	0.28 < 0.5	4	25	4	1.33 < 10	< 1	0.04 < 10	0.34	125					
531-HL-026	201 229	7 < 0.2	4.19	24	220 < 0.5	< 2	0.53 < 1.0	44	47	75	10.65 < 20	< 1	0.40 < 20	1.58	2740					
531-HL-027	201 229	39 < 0.2	0.64	10	40 < 0.5	2	0.21 < 0.5	4	34	4	1.52 < 10	< 1	0.08 < 10	0.26	275					
531-HL-028	201 229	3 < 0.2	0.81	6	30 < 0.5	< 2	0.20 < 0.5	5	36	7	1.84 < 10	< 1	0.04 < 10	0.22	115					
531-HL-029	201 229	4 < 0.2	0.90	6	80 < 0.5	2	0.25 < 0.5	9	41	11	1.64 < 10	< 1	0.07 < 10	0.37	515					
531-HL-030	201 229	1 < 0.2	1.01	4	40 < 0.5	< 2	0.21 < 0.5	4	25	14	1.32 < 10	< 1	0.05 < 10	0.27	195					
531-HL-031	201 229	4 < 0.2	1.17	6	40 < 0.5	< 2	0.23 < 0.5	8	37	9	1.88 < 10	1	0.14 < 10	0.67	220					
531-HL-032	201 229	< 1 < 0.2	0.45	< 2	20 < 0.5	< 2	0.19 < 0.5	2	18	2	0.90 < 10	< 1	0.04 < 10	0.17	70					
531-HL-033	201 229	2 < 0.2	0.48	4	20 < 0.5	< 2	0.15 < 0.5	2	24	1	1.00 < 10	< 1	0.03 < 10	0.19	75					
531-HL-034	201 229	6 < 0.2	0.47	2	20 < 0.5	< 2	0.26 < 0.5	3	21	3	1.01 < 10	1	0.03 < 10	0.18	65					
531-HL-035	217 229	1 < 0.2	2.14	< 2	130 < 0.5	2	0.35 < 0.5	17	75	16	2.57 < 10	< 1	0.31 < 20	0.77	755					
531-HL-036	217 229	1 < 0.2	1.61	4	80 < 0.5	2	0.65 < 0.5	11	97	13	1.95 < 10	< 1	0.17 < 20	0.62	345					
531-HL-037	201 229	4 < 0.2	1.48	16	40 < 0.5	< 2	0.12 < 0.5	7	53	14	2.92 < 10	< 1	0.06 < 10	0.44	185					
531-HL-038	201 229	20 < 0.2	1.10	< 2	40 < 0.5	2	0.28 < 0.5	6	27	3	1.46 < 10	< 1	0.09 < 10	0.36	215					
531-HL-039	201 229	5 < 0.2	1.97	18	60 < 0.5	< 2	0.17 < 0.5	12	59	14	3.37 < 10	< 1	0.06 < 10	0.66	220					
531-HL-040	201 229	330 < 0.2	1.41	< 2	40 < 0.5	< 2	0.18 < 0.5	6	30	10	1.47 < 10	< 1	0.04 < 10	0.30	100					

CERTIFICATION:



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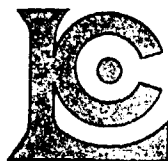
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<b>CERTIFICATE OF ANALYSIS</b>	<b>A9523941</b>
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HL-001	201 229	< 1	< 0.01	22	220	4	2	1	11	0.09	< 10	< 10	29	< 10	22
531-HL-002	201 229	< 1	0.03	50	410	4	< 2	14	9	0.11	< 10	< 10	231	< 10	108
531-HL-003	201 229	< 1	< 0.01	23	140	4	< 2	1	9	0.10	< 10	< 10	25	< 10	16
531-HL-004	217 229	< 1	0.08	45	630	4	4	17	14	0.08	< 10	< 10	226	< 10	74
531-HL-005	201 229	1	0.01	37	470	6	4	14	7	0.14	< 10	< 10	204	10	122
531-HL-006	201 229	< 1	0.02	34	380	< 2	< 2	8	4	0.16	< 10	< 10	227	< 10	76
531-HL-007	201 229	< 1	< 0.01	36	560	12	2	3	8	0.06	< 10	< 10	57	< 10	148
531-HL-008	201 229	< 1	< 0.01	10	80	4	< 2	1	10	0.09	< 10	< 10	24	< 10	10
531-HL-009	201 229	< 1	0.01	87	360	4	< 2	3	10	0.10	< 10	< 10	40	< 10	40
531-HL-010	201 229	< 1	< 0.01	28	400	4	< 2	1	9	0.08	< 10	< 10	31	< 10	34
531-HL-011	201 229	1	< 0.01	16	250	2	< 2	1	10	0.09	< 10	< 10	26	< 10	14
531-HL-012	217 229	< 1	0.03	17	220	8	2	2	25	0.08	< 10	< 10	35	< 10	30
531-HL-013	201 229	< 1	< 0.01	17	600	4	< 2	1	13	0.07	< 10	< 10	27	< 10	22
531-HL-014	201 229	< 1	< 0.01	37	550	8	2	2	11	0.12	< 10	< 10	56	< 10	134
531-HL-015	201 229	< 1	0.01	18	200	8	< 2	2	20	0.10	< 10	< 10	39	< 10	30
531-HL-016	201 229	< 1	< 0.01	14	120	6	< 2	1	9	0.11	< 10	< 10	36	< 10	12
531-HL-017	201 229	< 1	< 0.01	22	200	2	< 2	1	8	0.11	< 10	< 10	40	< 10	14
531-HL-018	201 229	< 1	0.01	13	160	6	< 2	2	13	0.10	< 10	< 10	28	< 10	20
531-HL-019	201 229	< 1	0.01	15	190	6	< 2	2	17	0.08	< 10	< 10	31	< 10	28
531-HL-020	201 229	< 1	< 0.01	629	740	4	2	5	12	0.07	< 10	< 10	66	< 10	84
531-HL-021	201 229	< 1	< 0.01	16	300	6	< 2	1	12	0.09	< 10	< 10	32	< 10	16
531-HL-022	201 229	1	< 0.01	16	250	6	< 2	1	9	0.08	< 10	< 10	33	< 10	12
531-HL-023	201 229	< 1	0.02	19	130	4	< 2	4	26	0.13	< 10	< 10	45	< 10	34
531-HL-024	201 229	< 1	0.01	22	490	6	< 2	2	12	0.12	< 10	< 10	46	< 10	26
531-HL-025	201 229	< 1	0.01	14	350	4	< 2	2	14	0.09	< 10	< 10	29	< 10	26
531-HL-026	201 229	1	0.01	42	1060	496	6	28	13	0.17	< 10	< 10	298	< 10	754
531-HL-027	201 229	< 1	< 0.01	13	360	6	< 2	1	12	0.08	< 10	< 10	30	< 10	48
531-HL-028	201 229	< 1	< 0.01	25	810	8	< 2	1	11	0.09	< 10	< 10	35	< 10	18
531-HL-029	201 229	< 1	< 0.01	18	520	8	< 2	2	13	0.06	< 10	< 10	34	< 10	58
531-HL-030	201 229	< 1	< 0.01	13	320	4	< 2	1	11	0.08	< 10	< 10	29	< 10	22
531-HL-031	201 229	< 1	0.01	20	230	8	< 2	3	12	0.10	< 10	< 10	50	< 10	30
531-HL-032	201 229	< 1	< 0.01	8	190	2	< 2	1	7	0.07	< 10	< 10	23	< 10	14
531-HL-033	201 229	< 1	< 0.01	9	150	2	< 2	1	8	0.07	< 10	< 10	22	< 10	20
531-HL-034	201 229	< 1	< 0.01	10	300	2	< 2	1	9	0.06	< 10	< 10	21	< 10	10
531-HL-035	217 229	< 1	0.02	27	240	14	< 2	5	24	0.10	< 10	< 10	52	< 10	54
531-HL-036	217 229	< 1	0.03	20	460	4	< 2	4	29	0.11	< 10	< 10	42	< 10	38
531-HL-037	201 229	< 1	< 0.01	21	540	8	< 2	2	8	0.09	< 10	< 10	65	< 10	52
531-HL-038	201 229	< 1	0.01	13	270	6	< 2	2	17	0.10	< 10	< 10	32	< 10	30
531-HL-039	201 229	< 1	< 0.01	36	680	8	< 2	5	12	0.11	< 10	< 10	85	< 10	60
531-HL-040	201 229	< 1	< 0.01	15	500	4	< 2	2	10	0.07	< 10	< 10	32	< 10	26

CERTIFICATION: Stuart Deveau



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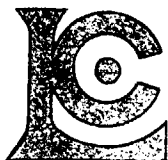
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## CERTIFICATE OF ANALYSIS A9523941

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HL-041	201 229	5	< 0.2	0.97	20	30	< 0.5	< 2	0.23	< 0.5	8	40	11	1.85	< 10	< 1	0.05	10	0.27	130
531-HL-042	201 229	< 1	< 0.2	1.44	< 2	100	0.5	< 2	0.79	< 0.5	7	36	17	1.95	< 10	< 1	0.16	30	0.50	240
531-HL-043	217 229	1	< 0.2	1.01	4	60	< 0.5	< 2	0.60	< 0.5	5	136	9	1.43	< 10	< 1	0.10	10	0.37	180
531-HL-044	201 229	3	< 0.2	0.86	10	30	< 0.5	< 2	0.25	< 0.5	6	34	9	1.61	< 10	< 1	0.07	10	0.35	120
531-HL-045	217 229	4	< 0.2	0.63	10	90	< 0.5	< 2	0.29	< 0.5	4	180	6	1.40	< 10	< 1	0.08	< 10	0.29	430
531-HL-046	201 229	7	< 0.2	1.58	< 2	60	< 0.5	< 2	0.37	< 0.5	9	30	49	1.66	< 10	< 1	0.02	20	0.33	170
531-HL-047	201 229	4	0.2	2.31	16	100	0.5	< 2	0.44	< 0.5	20	32	59	3.55	10	1	0.05	10	0.57	720
531-HL-048	201 229	3	< 0.2	0.74	6	10	< 0.5	< 2	0.12	< 0.5	3	31	7	1.54	< 10	< 1	0.02	< 10	0.18	100
531-HL-049	201 229	4	0.4	1.87	< 2	130	0.5	< 2	0.70	< 0.5	8	46	40	2.26	< 10	< 1	0.18	40	0.57	305
531-HL-050	201 229	9	0.4	2.06	18	90	< 0.5	< 2	0.64	< 0.5	13	60	60	3.12	< 10	< 1	0.11	40	0.68	245
531-HL-051	201 229	5	0.2	1.41	6	70	< 0.5	< 2	0.65	< 0.5	7	49	8	2.09	< 10	< 1	0.14	10	0.62	340
531-HL-052	201 229	< 1	0.4	1.62	< 2	100	0.5	< 2	0.87	< 0.5	7	42	26	2.17	< 10	< 1	0.19	30	0.67	230
531-HL-053	201 229	1	0.4	2.57	12	180	0.5	< 2	1.30	< 0.5	12	62	35	3.35	10	< 1	0.18	40	1.01	585
531-HL-054	201 229	< 1	< 0.2	0.68	4	20	< 0.5	< 2	0.17	< 0.5	2	14	2	0.72	< 10	< 1	0.04	10	0.17	60
531-HL-055	201 229	< 1	< 0.2	0.43	< 2	10	< 0.5	< 2	0.14	< 0.5	1	11	< 1	0.46	< 10	< 1	0.02	< 10	0.09	35
531-HL-056	201 229	2	0.2	2.20	< 2	80	< 0.5	< 2	0.18	< 0.5	9	30	36	2.01	< 10	< 1	0.07	10	0.36	345
531-HL-057	201 229	1	0.2	1.08	14	120	< 0.5	< 2	0.15	< 0.5	4	29	12	1.30	< 10	< 1	0.04	10	0.13	475
531-HL-058	201 229	1	< 0.2	0.47	< 2	30	< 0.5	< 2	0.12	< 0.5	2	16	2	0.75	< 10	< 1	0.03	10	0.13	75
531-HL-059	201 229	1	< 0.2	0.85	< 2	20	< 0.5	< 2	0.27	< 0.5	2	23	3	1.07	< 10	< 1	0.04	10	0.34	115
531-HL-060	201 229	1	< 0.2	0.71	2	20	< 0.5	< 2	0.19	< 0.5	3	20	7	0.82	< 10	< 1	0.02	10	0.22	75
531-HL-061	201 229	< 1	< 0.2	0.52	8	10	< 0.5	< 2	0.14	< 0.5	< 1	14	3	0.50	< 10	< 1	0.01	< 10	0.08	30
531-HL-062	201 229	3	0.2	0.88	24	30	< 0.5	< 2	0.16	< 0.5	3	39	6	1.64	< 10	< 1	0.03	< 10	0.26	115
531-HL-063	201 229	1	0.6	4.25	30	150	0.5	< 2	0.46	< 0.5	25	82	117	3.47	10	< 1	0.06	60	0.61	1050
531-HL-064	201 229	6	0.2	1.04	10	30	< 0.5	< 2	0.25	< 0.5	6	38	6	1.29	< 10	< 1	0.05	10	0.41	155
531-HL-065	201 229	1	0.2	0.59	12	20	< 0.5	< 2	0.16	< 0.5	3	67	3	1.50	< 10	< 1	0.04	< 10	0.30	135
531-HL-066	201 229	1	0.2	0.82	20	20	< 0.5	< 2	0.16	< 0.5	3	42	7	1.75	< 10	< 1	0.04	< 10	0.31	100
531-HL-067	201 229	5	0.2	0.98	8	20	< 0.5	< 2	0.15	< 0.5	3	25	6	1.05	< 10	< 1	0.03	< 10	0.27	75
531-HL-068	201 229	< 1	0.2	1.19	8	40	< 0.5	< 2	0.16	< 0.5	3	42	10	1.45	< 10	< 1	0.03	10	0.28	80
531-HL-069	201 229	3	< 0.2	0.62	10	10	< 0.5	< 2	0.12	< 0.5	2	21	3	0.88	< 10	< 1	0.01	< 10	0.16	60
531-HL-070	201 229	3	< 0.2	0.27	4	10	< 0.5	< 2	0.09	< 0.5	< 1	16	1	0.43	< 10	< 1	0.02	< 10	0.08	30
531-HL-071	201 229	220	0.2	0.38	2	20	< 0.5	< 2	0.14	< 0.5	2	29	2	0.89	< 10	< 1	0.02	< 10	0.16	175
531-HL-072	201 229	< 1	0.2	1.08	12	40	< 0.5	< 2	0.33	< 0.5	5	30	7	1.40	< 10	< 1	0.09	10	0.46	220
531-HL-073	201 229	1	0.2	0.58	6	40	< 0.5	< 2	0.23	< 0.5	2	24	3	0.84	< 10	< 1	0.08	10	0.25	195
531-HL-074	201 229	< 1	< 0.2	0.35	4	10	< 0.5	< 2	0.17	< 0.5	1	21	1	0.57	< 10	< 1	0.03	< 10	0.16	50
531-HL-075	201 229	< 1	0.8	0.56	< 2	10	< 0.5	< 2	0.22	< 0.5	1	15	2	0.56	< 10	< 1	0.02	< 10	0.17	55
531-HL-076	201 229	3	0.4	3.18	20	90	< 0.5	< 2	0.37	< 0.5	19	182	67	4.27	10	< 1	0.06	10	1.81	510
531-HL-077	201 229	6	0.4	2.25	134	60	< 0.5	< 2	0.21	< 0.5	37	99	28	4.24	< 10	< 1	0.07	< 10	1.09	530
531-HL-078	201 229	2	0.6	5.59	22	70	< 0.5	< 2	0.39	< 0.5	37	346	88	8.24	10	< 1	0.05	< 10	3.60	690
531-HL-079	201 229	3	0.2	1.48	8	70	< 0.5	< 2	0.48	< 0.5	6	36	12	1.71	< 10	< 1	0.15	10	0.48	260
531-HL-080	217 229	< 1	1.0	6.33	36	310	1.5	< 2	1.05	< 0.5	26	103	60	5.19	20	< 1	0.26	20	0.83	2130

CERTIFICATION: \_\_\_\_\_





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project: 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number :2-B  
Total Pages :3  
Certificate Date: 15-AUG-95  
Invoice No. :19523941  
P.O. Number :  
Account :GKQ

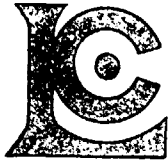
## CERTIFICATE OF ANALYSIS

### A9523941

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HL-041	201 229	< 1	0.01	38	1090	< 2	< 2	1	11	0.08	< 10	< 10	34	< 10	26
531-HL-042	201 229	< 1	0.01	20	460	8	< 2	4	19	0.07	< 10	< 10	37	< 10	36
531-HL-043	217 229	< 1	0.03	17	280	4	< 2	2	19	0.07	< 10	< 10	31	< 10	22
531-HL-044	201 229	< 1	< 0.01	21	570	< 2	< 2	1	10	0.07	< 10	< 10	32	< 10	22
531-HL-045	217 229	1	0.04	13	340	6	< 2	1	16	0.06	< 10	< 10	32	< 10	56
531-HL-046	201 229	< 1	< 0.01	19	220	6	2	2	10	0.06	< 10	< 10	35	< 10	38
531-HL-047	201 229	1	0.01	20	520	28	2	3	11	0.07	< 10	< 10	75	< 10	154
531-HL-048	201 229	< 1	< 0.01	12	150	4	< 2	1	8	0.08	< 10	< 10	32	< 10	26
531-HL-049	201 229	< 1	0.01	28	200	14	< 2	5	20	0.09	< 10	< 10	41	< 10	40
531-HL-050	201 229	< 1	0.01	74	260	6	2	6	15	0.13	< 10	< 10	58	< 10	62
531-HL-051	201 229	< 1	0.01	22	510	6	2	3	20	0.11	< 10	< 10	43	< 10	38
531-HL-052	201 229	< 1	0.01	21	560	6	2	5	22	0.07	< 10	< 10	42	< 10	44
531-HL-053	201 229	< 1	0.04	38	460	12	2	8	29	0.10	< 10	< 10	75	< 10	58
531-HL-054	201 229	< 1	< 0.01	6	180	8	< 2	1	12	0.08	< 10	< 10	18	< 10	20
531-HL-055	201 229	< 1	< 0.01	3	240	4	< 2	< 1	9	0.07	< 10	< 10	14	< 10	6
531-HL-056	201 229	< 1	< 0.01	19	260	8	< 2	2	11	0.08	< 10	< 10	37	< 10	124
531-HL-057	201 229	< 1	< 0.01	12	710	20	< 2	1	13	0.05	< 10	< 10	21	< 10	64
531-HL-058	201 229	< 1	< 0.01	7	100	6	< 2	1	10	0.08	< 10	< 10	18	< 10	10
531-HL-059	201 229	1	0.01	9	340	6	< 2	2	15	0.10	< 10	< 10	24	< 10	20
531-HL-060	201 229	< 1	< 0.01	16	350	4	< 2	1	10	0.07	< 10	< 10	17	< 10	14
531-HL-061	201 229	< 1	< 0.01	7	120	4	< 2	< 1	10	0.10	< 10	< 10	13	< 10	4
531-HL-062	201 229	< 1	< 0.01	17	380	8	< 2	1	12	0.09	< 10	< 10	32	< 10	28
531-HL-063	201 229	< 1	0.01	82	390	20	< 2	8	17	0.14	< 10	< 10	59	< 10	54
531-HL-064	201 229	< 1	0.01	28	410	8	< 2	2	15	0.13	< 10	< 10	28	< 10	24
531-HL-065	201 229	< 1	< 0.01	25	120	2	< 2	1	15	0.12	< 10	< 10	35	< 10	16
531-HL-066	201 229	< 1	< 0.01	18	350	6	< 2	1	12	0.11	< 10	< 10	36	< 10	28
531-HL-067	201 229	< 1	< 0.01	15	150	6	< 2	1	12	0.12	< 10	< 10	26	< 10	16
531-HL-068	201 229	< 1	< 0.01	15	180	12	< 2	2	15	0.10	< 10	< 10	30	< 10	18
531-HL-069	201 229	< 1	< 0.01	8	140	4	< 2	1	8	0.08	< 10	< 10	21	< 10	8
531-HL-070	201 229	< 1	< 0.01	4	80	6	< 2	< 1	7	0.07	< 10	< 10	11	< 10	4
531-HL-071	201 229	< 1	< 0.01	10	90	6	< 2	1	11	0.08	< 10	< 10	19	< 10	14
531-HL-072	201 229	< 1	0.01	11	180	6	< 2	2	23	0.11	< 10	< 10	31	< 10	28
531-HL-073	201 229	< 1	0.01	8	80	6	< 2	1	17	0.10	< 10	< 10	20	< 10	18
531-HL-074	201 229	< 1	< 0.01	6	60	2	< 2	1	11	0.09	< 10	< 10	15	< 10	12
531-HL-075	201 229	< 1	< 0.01	5	270	2	< 2	1	13	0.08	< 10	< 10	16	< 10	10
531-HL-076	201 229	< 1	< 0.01	57	260	8	< 2	15	10	0.13	< 10	< 10	128	< 10	82
531-HL-077	201 229	1	< 0.01	148	240	6	2	9	10	0.11	< 10	< 10	119	< 10	74
531-HL-078	201 229	< 1	< 0.01	96	100	< 2	2	26	7	0.30	< 10	< 10	262	< 10	98
531-HL-079	201 229	< 1	0.01	15	380	8	2	3	19	0.09	< 10	< 10	35	< 10	30
531-HL-080	217 229	< 1	0.01	77	480	22	6	7	32	0.11	< 10	< 10	85	< 10	78

CERTIFICATION:

*Stuart Deveau*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-A  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523941  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523941

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HL-081	201 229	4	0.2	0.95	2	20	< 0.5	< 2	0.22	< 0.5	3	29	5	1.23	< 10	< 1	0.04	10	0.32	110
531-HL-082	201 229	1	0.2	1.95	10	60	< 0.5	< 2	0.37	< 0.5	11	67	25	2.48	< 10	< 1	0.04	10	0.61	225
531-HL-083	201 229	2	0.2	1.60	10	30	< 0.5	< 2	0.22	< 0.5	11	88	9	2.49	< 10	< 1	0.02	10	1.05	195
531-HL-084	201 229	5	< 0.2	0.48	6	30	< 0.5	< 2	0.13	< 0.5	2	50	2	0.90	< 10	< 1	0.02	< 10	0.18	70
531-HL-085	201 229	3	0.2	0.73	6	10	< 0.5	< 2	0.25	< 0.5	5	39	12	1.52	< 10	< 1	0.03	10	0.41	135
531-HL-086	201 229	1	0.2	0.33	2	10	< 0.5	< 2	0.11	< 0.5	3	66	1	1.44	< 10	< 1	0.03	< 10	0.21	55
531-HL-087	201 229	16	0.2	1.49	4	80	< 0.5	< 2	0.44	< 0.5	8	43	11	1.82	< 10	< 1	0.09	10	0.50	185
531-HL-101	201 229	2	0.2	0.88	4	20	< 0.5	< 2	0.13	< 0.5	3	29	5	1.75	< 10	< 1	0.03	10	0.20	115
531-HL-102	201 229	< 1	0.2	0.85	6	40	< 0.5	< 2	0.23	< 0.5	3	21	4	1.14	< 10	< 1	0.08	10	0.31	175
531-HL-103	201 229	< 1	0.2	0.75	2	30	< 0.5	< 2	0.29	< 0.5	3	23	2	1.02	< 10	< 1	0.05	10	0.30	155
531-HL-104	201 229	2	0.2	0.81	2	30	< 0.5	< 2	0.36	< 0.5	4	24	4	1.13	< 10	< 1	0.11	10	0.33	265
531-HL-105	201 229	1	0.2	1.47	2	50	< 0.5	< 2	0.22	< 0.5	4	28	7	1.97	< 10	< 1	0.06	10	0.27	100
531-HL-106	201 229	7	< 0.2	0.31	< 2	10	< 0.5	< 2	0.11	< 0.5	< 1	17	1	0.75	< 10	< 1	0.02	< 10	0.06	40
531-HL-107	201 229	2	< 0.2	0.57	< 2	20	< 0.5	< 2	0.18	< 0.5	1	14	3	0.57	< 10	< 1	0.03	10	0.11	50
531-HL-108	201 229	1	< 0.2	0.50	< 2	20	< 0.5	2	0.26	< 0.5	2	17	2	0.59	< 10	< 1	0.04	10	0.16	75
531-HL-109	201 229	< 1	< 0.2	0.61	2	20	< 0.5	2	0.35	< 0.5	4	23	7	0.89	< 10	< 1	0.04	10	0.27	165
531-HL-110	201 229	1	< 0.2	1.54	2	110	0.5	2	0.58	< 0.5	9	37	15	1.82	10	< 1	0.20	30	0.54	460
531-HL-111	201 229	3	< 0.2	0.70	2	30	< 0.5	2	0.41	< 0.5	6	40	5	1.40	< 10	< 1	0.07	10	0.38	195
531-HL-112	201 229	1	< 0.2	0.69	< 2	40	< 0.5	2	0.31	< 0.5	5	25	3	1.08	< 10	< 1	0.13	10	0.31	240
531-HL-113	201 229	1	< 0.2	0.95	2	40	< 0.5	2	0.32	< 0.5	6	35	5	1.54	< 10	< 1	0.14	10	0.43	170
531-HL-114	217 229	1	< 0.2	1.10	4	60	< 0.5	4	0.34	< 0.5	14	222	9	2.43	< 10	< 1	0.23	10	1.10	350
531-HL-115	217 229	< 1	< 0.2	4.53	6	30	< 0.5	< 2	0.35	< 0.5	34	303	31	7.37	< 10	< 1	0.04	< 10	3.76	650
531-HL-116	217 229	6	< 0.2	2.66	20	70	< 0.5	< 2	0.59	< 0.5	26	249	25	4.69	< 10	< 1	0.07	10	1.94	930
531-HL-117	217 229	3	< 0.2	2.52	18	110	< 0.5	< 2	0.65	< 0.5	27	254	30	4.57	< 10	< 1	0.08	10	1.39	2740
531-HL-118	217 229	4	< 0.2	0.73	6	40	< 0.5	< 2	0.32	< 0.5	6	280	6	1.53	< 10	< 1	0.10	< 10	0.48	200
531-HL-119	201 229	9	< 0.2	0.27	4	20	< 0.5	< 2	0.12	< 0.5	2	48	2	1.05	< 10	< 1	0.03	< 10	0.09	100
531-HL-120	201 229	3	< 0.2	0.72	4	30	< 0.5	< 2	0.29	< 0.5	4	31	4	1.32	< 10	< 1	0.10	10	0.32	140

CERTIFICATION: *[Signature]*



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
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## CERTIFICATE OF ANALYSIS

### A9523941

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HL-081	201 229	< 1	0.01	10	110	6	< 2	2	17	0.09	< 10	< 10	30	< 10	20
531-HL-082	201 229	< 1	< 0.01	44	130	4	2	4	11	0.13	< 10	< 10	57	< 10	38
531-HL-083	201 229	< 1	< 0.01	33	110	2	< 2	3	9	0.14	< 10	< 10	63	< 10	36
531-HL-084	201 229	< 1	< 0.01	16	120	4	< 2	1	10	0.07	< 10	< 10	17	< 10	12
531-HL-085	201 229	< 1	0.01	28	560	2	< 2	1	11	0.08	< 10	< 10	30	< 10	18
531-HL-086	201 229	< 1	< 0.01	21	90	2	< 2	1	7	0.07	< 10	< 10	24	< 10	10
531-HL-087	201 229	< 1	0.01	19	110	6	< 2	3	21	0.10	< 10	< 10	38	< 10	30
531-HL-101	201 229	< 1	< 0.01	14	810	6	< 2	1	9	0.07	< 10	< 10	29	< 10	32
531-HL-102	201 229	< 1	0.01	10	130	6	< 2	2	19	0.09	< 10	< 10	26	< 10	26
531-HL-103	201 229	< 1	0.01	8	140	4	< 2	2	19	0.11	< 10	< 10	23	< 10	24
531-HL-104	201 229	1	0.01	11	210	4	2	2	19	0.10	< 10	< 10	25	< 10	24
531-HL-105	201 229	< 1	0.01	20	420	4	< 2	2	14	0.12	< 10	< 10	37	< 10	24
531-HL-106	201 229	< 1	< 0.01	4	130	4	< 2	< 1	10	0.07	< 10	< 10	15	< 10	6
531-HL-107	201 229	< 1	< 0.01	4	190	4	< 2	1	14	0.09	< 10	< 10	16	< 10	8
531-HL-108	201 229	< 1	< 0.01	7	130	4	< 2	1	15	0.10	< 10	< 10	16	< 10	14
531-HL-109	201 229	< 1	< 0.01	11	620	4	< 2	2	11	0.07	< 10	< 10	24	< 10	22
531-HL-110	201 229	< 1	0.01	25	190	12	< 2	4	23	0.10	< 10	< 10	36	< 10	38
531-HL-111	201 229	< 1	0.01	25	390	4	< 2	2	13	0.09	< 10	< 10	30	< 10	20
531-HL-112	201 229	1	0.01	11	140	6	< 2	2	16	0.09	< 10	< 10	24	< 10	26
531-HL-113	201 229	< 1	0.01	16	270	6	< 2	2	14	0.10	< 10	< 10	35	< 10	30
531-HL-114	217 229	< 1	0.04	73	460	4	< 2	3	19	0.10	< 10	< 10	42	< 10	34
531-HL-115	217 229	< 1	0.01	95	160	6	2	26	6	0.36	< 10	< 10	241	10	84
531-HL-116	217 229	< 1	0.02	58	420	2	2	9	16	0.22	< 10	< 10	139	< 10	84
531-HL-117	217 229	< 1	0.02	67	1050	10	2	8	16	0.19	< 10	< 10	116	< 10	114
531-HL-118	217 229	< 1	0.04	38	240	4	< 2	2	22	0.09	< 10	< 10	30	< 10	22
531-HL-119	201 229	< 1	< 0.01	14	80	2	< 2	< 1	9	0.06	< 10	< 10	21	< 10	6
531-HL-120	201 229	< 1	0.01	14	150	4	< 2	2	18	0.10	< 10	< 10	29	< 10	20

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number : 1-A  
 Total Pages : 4  
 Certificate Date: 21-AUG-95  
 Invoice No. : 19524400  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9524400

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-HL-088	201 229	< 1	< 0.2	0.52	2	20	< 0.5	< 2	0.27	< 0.5	2	13	7	0.67	< 10	< 1	0.01	< 10	0.13	65
531-HL-089	201 229	3	< 0.2	1.43	42	30	0.5	2	0.18	< 0.5	8	45	25	2.09	< 10	< 1	0.03	< 10	0.41	225
531-HL-090	217 229	21	< 0.2	2.66	64	100	0.5	< 2	0.66	< 0.5	14	117	50	3.44	10	< 1	0.04	10	0.35	400
531-HL-091	201 229	< 1	< 0.2	0.71	4	30	< 0.5	< 2	0.12	< 0.5	1	13	4	0.63	< 10	< 1	0.02	< 10	0.13	70
531-HL-092	201 229	< 1	< 0.2	0.91	< 2	30	< 0.5	2	0.20	< 0.5	3	16	6	0.94	< 10	< 1	0.02	< 10	0.21	75
531-HL-093	217 229	< 1	< 0.2	3.03	4	140	1.0	2	0.32	< 0.5	7	78	23	3.13	10	< 1	0.12	10	0.56	175
531-HL-094	201 229	< 1	< 0.2	0.70	2	20	< 0.5	2	0.21	< 0.5	2	15	6	0.60	< 10	< 1	0.01	< 10	0.15	50
531-HL-095	201 229	7	< 0.2	0.21	6	10	< 0.5	2	0.12	< 0.5	1	13	2	0.61	< 10	< 1	0.02	< 10	0.06	35
531-HL-096	201 229	1	< 0.2	1.02	8	30	0.5	< 2	0.26	< 0.5	5	34	8	1.39	< 10	< 1	0.04	< 10	0.39	130
531-HL-097	201 229	2	< 0.2	0.40	8	20	< 0.5	< 2	0.15	< 0.5	2	39	4	1.13	< 10	< 1	0.02	< 10	0.17	70
531-HL-098	201 229	2	< 0.2	0.46	18	30	< 0.5	< 2	0.15	< 0.5	2	30	6	1.05	< 10	< 1	0.02	< 10	0.16	200
531-HL-099	217 229	4	< 0.2	2.16	132	60	0.5	2	0.32	< 0.5	27	201	36	3.45	< 10	< 1	0.08	< 10	1.49	955
531-HL-100	201 229	10	< 0.2	1.13	6	60	0.5	< 2	0.46	< 0.5	6	29	16	1.28	< 10	< 1	0.04	10	0.34	325
531-HL-121	217 229	3	< 0.2	3.33	50	90	< 0.5	6	0.10	< 0.5	25	258	23	5.32	10	< 1	0.08	< 10	2.44	510
531-HL-122	201 229	< 1	< 0.2	0.46	< 2	20	< 0.5	< 2	0.14	< 0.5	1	16	3	0.60	< 10	< 1	0.02	< 10	0.15	65
531-HL-123	201 229	1	< 0.2	0.45	6	20	< 0.5	< 2	0.14	< 0.5	1	22	5	0.60	< 10	< 1	0.02	< 10	0.13	45
531-HL-124	201 229	17	< 0.2	0.77	4	20	0.5	< 2	0.25	< 0.5	3	29	7	1.14	< 10	< 1	0.03	< 10	0.30	110
531-HL-125	201 229	< 1	< 0.2	0.58	4	10	< 0.5	< 2	0.12	< 0.5	2	18	3	0.85	< 10	< 1	0.01	< 10	0.19	65
531-HL-126	201 229	21	< 0.2	0.80	12	20	< 0.5	< 2	0.16	< 0.5	3	29	5	1.00	< 10	< 1	0.02	< 10	0.28	80
531-HL-127	201 229	< 1	< 0.2	0.18	10	10	< 0.5	< 2	0.08	< 0.5	1	29	2	0.89	< 10	< 1	0.01	< 10	0.03	30
531-HL-128	201 229	5	< 0.2	0.63	16	30	< 0.5	< 2	0.16	< 0.5	4	49	7	1.77	< 10	< 1	0.04	< 10	0.25	235
531-HL-129	201 229	5	< 0.2	1.21	36	30	0.5	2	0.17	< 0.5	6	46	10	2.04	< 10	< 1	0.04	< 10	0.27	90
531-HL-130	201 229	4	< 0.2	1.37	24	60	0.5	< 2	0.16	< 0.5	7	45	11	2.58	< 10	< 1	0.05	< 10	0.30	175
531-HL-131	201 229	2	< 0.2	0.22	4	10	< 0.5	< 2	0.12	< 0.5	1	65	2	1.30	< 10	< 1	0.01	< 10	0.08	45
531-HL-132	201 229	3	< 0.2	0.34	12	10	< 0.5	< 2	0.13	< 0.5	1	36	3	1.24	< 10	< 1	0.02	< 10	0.12	50
531-HL-133	201 229	2	< 0.2	1.47	24	30	0.5	< 2	0.10	< 0.5	4	38	10	2.70	< 10	< 1	0.03	< 10	0.29	90
531-HL-134	217 229	< 1	< 0.2	0.35	2	30	< 0.5	< 2	0.16	< 0.5	1	298	4	0.91	< 10	< 1	0.08	< 10	0.08	80
531-HL-135	201 229	4	< 0.2	0.24	< 2	30	< 0.5	2	0.12	< 0.5	1	25	2	0.80	< 10	< 1	0.02	< 10	0.04	60
531-HL-136	201 229	20	< 0.2	0.23	< 2	30	< 0.5	< 2	0.17	< 0.5	1	22	2	0.71	< 10	< 1	0.02	< 10	0.06	60
531-HL-137	217 229	< 1	< 0.2	0.73	4	30	< 0.5	< 2	0.39	< 0.5	2	187	7	1.04	< 10	< 1	0.08	< 10	0.32	115
531-HL-138	201 229	< 1	< 0.2	2.11	6	100	0.5	2	1.19	< 0.5	11	33	44	2.11	< 10	< 1	0.04	20	0.36	610
531-HL-139	201 229	< 1	< 0.2	3.81	26	140	< 0.5	2	0.22	< 0.5	38	68	55	7.60	20	< 1	0.11	< 10	1.49	1225
531-HL-140	201 229	6	< 0.2	1.60	6	70	< 0.5	2	0.31	< 0.5	10	42	21	2.10	< 10	< 1	0.03	10	0.58	385
531-HL-141	201 229	< 1	< 0.2	3.88	28	130	1.0	2	0.15	< 0.5	17	34	125	3.86	10	< 1	0.06	10	0.27	205
531-HL-142	201 229	< 1	< 0.2	3.99	18	90	< 0.5	4	0.31	< 0.5	27	61	71	6.02	10	< 1	0.05	< 10	1.23	555
531-JC-342	201 229	< 1	< 0.2	0.84	4	40	0.5	< 2	0.22	< 0.5	3	22	9	1.09	< 10	< 1	0.10	10	0.32	160
531-JC-343	201 229	< 1	< 0.2	1.06	2	40	< 0.5	< 2	0.35	< 0.5	3	29	7	1.36	< 10	< 1	0.09	10	0.42	160
531-JC-344	201 229	< 1	< 0.2	1.16	2	60	0.5	2	0.42	< 0.5	5	28	10	1.35	< 10	< 1	0.10	10	0.35	230
531-JC-345	201 229	33	< 0.2	0.99	14	20	< 0.5	< 2	0.27	< 0.5	5	38	7	1.61	< 10	< 1	0.04	< 10	0.37	105
531-JC-346	217 229	2	< 0.2	2.60	20	150	0.5	2	0.97	< 0.5	12	78	24	2.78	10	< 1	0.34	20	0.84	530

CERTIFICATION:



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
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## CERTIFICATE OF ANALYSIS

### A9524400

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-HL-088	201 229	< 1	< 0.01	6	440	4	2	1	10	0.06	< 10	< 10	17	< 10	8
531-HL-089	201 229	< 1	< 0.01	31	530	4	4	2	10	0.10	< 10	< 10	43	< 10	28
531-HL-090	217 229	1	0.04	27	300	4	< 2	3	18	0.16	< 10	< 10	81	< 10	28
531-HL-091	201 229	< 1	< 0.01	8	150	6	< 2	1	8	0.06	< 10	< 10	18	< 10	16
531-HL-092	201 229	< 1	< 0.01	9	100	4	2	1	11	0.08	< 10	< 10	26	< 10	14
531-HL-093	217 229	< 1	0.02	20	250	8	4	5	22	0.07	< 10	< 10	67	< 10	34
531-HL-094	201 229	< 1	< 0.01	8	110	6	< 2	1	8	0.07	< 10	< 10	15	< 10	8
531-HL-095	201 229	< 1	< 0.01	3	50	< 2	< 2	< 1	7	0.06	< 10	< 10	16	< 10	4
531-HL-096	201 229	< 1	0.01	18	190	4	2	2	16	0.11	< 10	< 10	34	< 10	28
531-HL-097	201 229	< 1	< 0.01	18	120	2	2	1	9	0.08	< 10	< 10	26	< 10	12
531-HL-098	201 229	< 1	< 0.01	16	120	8	2	1	9	0.08	< 10	< 10	25	< 10	12
531-HL-099	217 229	1	0.03	92	250	2	4	4	15	0.10	< 10	< 10	56	< 10	46
531-HL-100	201 229	< 1	0.01	15	180	4	2	2	16	0.10	< 10	< 10	30	< 10	22
531-HL-121	217 229	< 1	0.01	72	390	14	2	16	5	0.09	< 10	< 10	183	< 10	82
531-HL-122	201 229	< 1	< 0.01	6	100	2	< 2	1	9	0.07	< 10	< 10	17	< 10	12
531-HL-123	201 229	< 1	< 0.01	11	100	4	2	1	10	0.07	< 10	< 10	16	< 10	8
531-HL-124	201 229	< 1	< 0.01	13	140	4	2	1	11	0.08	< 10	< 10	29	< 10	18
531-HL-125	201 229	< 1	< 0.01	6	80	4	2	1	8	0.08	< 10	< 10	26	< 10	12
531-HL-126	201 229	< 1	< 0.01	13	160	< 2	2	1	10	0.10	< 10	< 10	29	< 10	16
531-HL-127	201 229	< 1	< 0.01	6	60	2	< 2	< 1	6	0.05	< 10	< 10	19	< 10	4
531-HL-128	201 229	< 1	< 0.01	18	190	8	4	1	10	0.07	< 10	< 10	38	< 10	28
531-HL-129	201 229	< 1	< 0.01	21	500	4	4	2	10	0.10	< 10	< 10	42	< 10	32
531-HL-130	201 229	< 1	< 0.01	24	2240	6	4	2	10	0.08	< 10	< 10	44	< 10	46
531-HL-131	201 229	< 1	< 0.01	14	90	2	< 2	< 1	9	0.07	< 10	< 10	28	< 10	6
531-HL-132	201 229	< 1	< 0.01	12	80	2	< 2	1	8	0.08	< 10	< 10	32	< 10	12
531-HL-133	201 229	< 1	< 0.01	16	340	2	4	1	6	0.10	< 10	< 10	55	< 10	34
531-HL-134	217 229	1	0.05	9	100	2	< 2	< 1	17	0.03	< 10	< 10	16	< 10	8
531-HL-135	201 229	< 1	< 0.01	6	90	4	< 2	< 1	8	0.05	< 10	< 10	17	< 10	8
531-HL-136	201 229	< 1	< 0.01	4	110	2	2	< 1	11	0.06	< 10	< 10	17	< 10	6
531-HL-137	217 229	< 1	0.03	14	210	4	< 2	1	16	0.06	< 10	< 10	22	< 10	18
531-HL-138	201 229	< 1	< 0.01	32	370	6	6	5	15	0.07	< 10	< 10	48	< 10	46
531-HL-139	201 229	< 1	< 0.01	34	590	2	6	28	6	0.11	< 10	< 10	379	< 10	136
531-HL-140	201 229	3	< 0.01	23	200	4	< 2	3	13	0.13	< 10	< 10	51	< 10	44
531-HL-141	201 229	1	< 0.01	51	270	20	4	3	8	0.06	< 10	< 10	67	< 10	48
531-HL-142	201 229	1	< 0.01	65	490	6	4	7	7	0.14	< 10	< 10	148	< 10	98
531-JC-342	201 229	< 1	0.01	11	140	2	2	2	14	0.07	< 10	< 10	24	< 10	28
531-JC-343	201 229	< 1	0.01	13	360	4	4	2	21	0.11	< 10	< 10	32	< 10	34
531-JC-344	201 229	< 1	0.01	14	160	2	2	3	18	0.11	< 10	< 10	32	< 10	30
531-JC-345	201 229	< 1	0.01	22	320	< 2	4	2	14	0.11	< 10	< 10	48	< 10	26
531-JC-346	217 229	< 1	0.03	31	350	8	4	7	31	0.11	< 10	< 10	54	< 10	60

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-347	201 229	3 < 0.2	1.84	6	100 < 0.5	2	0.49 < 0.5	10	44	19	2.27 < 10	< 1	0.31	10	0.70	305				
531-JC-348	217 229	2 < 0.2	2.79	4	160	0.5	2	0.90 < 0.5	13	72	22	3.12	10	< 1	0.44	20	0.95	415		
531-JC-349	217 229	1 < 0.2	2.49	6	160	0.5	< 2	0.83 < 0.5	11	58	20	2.68	10	< 1	0.29	20	0.74	255		
531-JC-350	201 229	2 < 0.2	0.47	2	20 < 0.5	< 2	0.17 < 0.5	2	14	3	0.78 < 10	< 1	0.03	< 10	0.16	65				
531-JC-351	201 229	2 < 0.2	0.82	10	30 < 0.5	2	0.21 < 0.5	5	30	7	1.49 < 10	< 1	0.03	< 10	0.20	175				
531-JC-352	201 229	4 < 0.2	0.49	8	20 < 0.5	2	0.15 < 0.5	3	28	4	0.90 < 10	< 1	0.03	< 10	0.19	95				
531-JC-353	217 229	2 < 0.2	2.66	2	170	1.0	< 2	0.63 < 0.5	14	68	23	2.65	10	< 1	0.20	20	0.60	750		
531-JC-354	201 229	1 < 0.2	0.70	< 2	20 < 0.5	< 2	0.24 < 0.5	3	16	7	0.76 < 10	< 1	0.03	< 10	0.19	70				
531-JC-355	201 229	2 < 0.2	1.12	12	40 < 0.5	< 2	0.17 < 0.5	5	37	12	2.02 < 10	< 1	0.05	< 10	0.32	125				
531-JC-356	201 229	< 1 < 0.2	1.18	16	40	0.5	< 2	0.14 < 0.5	2	32	8	2.26 < 10	< 1	0.04	< 10	0.21	85			
531-JC-357	201 229	7 < 0.2	1.23	2	40 < 0.5	< 2	0.20 < 0.5	6	29	8	1.12 < 10	< 1	0.04	< 10	0.26	100				
531-JC-358	201 229	19 < 0.2	1.06	6	60 < 0.5	< 2	0.18 < 0.5	5	37	9	1.95 < 10	< 1	0.04	< 10	0.26	135				
531-JC-359	201 229	< 1 < 0.2	0.62	< 2	20 < 0.5	< 2	0.16 < 0.5	2	15	7	0.64 < 10	< 1	0.02	< 10	0.15	55				
531-JC-360	201 229	< 1 < 0.2	1.40	8	40 < 0.5	< 2	0.25 < 0.5	6	31	10	1.59 < 10	< 1	0.07	< 10	0.48	140				
531-JC-361	201 229	4 < 0.2	1.37	20	40 < 0.5	< 2	0.17 < 0.5	4	37	14	2.11 < 10	< 1	0.04	< 10	0.35	100				
531-JC-362	201 229	43 < 0.2	1.56	16	40	0.5	4	0.20 < 0.5	8	49	17	2.28 < 10	< 1	0.04	< 10	0.54	170			
531-JC-363	201 229	< 1 < 0.2	0.51	< 2	10 < 0.5	2	0.14 < 0.5	1	11	3	0.50 < 10	< 1	0.01	< 10	0.12	35				
531-JC-364	201 229	< 1 < 0.2	1.15	10	30 < 0.5	2	0.11 < 0.5	5	34	12	1.47 < 10	< 1	0.02	< 10	0.29	85				
531-JC-365	201 229	3 < 0.2	1.74	20	60 < 0.5	2	0.16 < 0.5	9	47	16	2.66 < 10	< 1	0.06	< 10	0.54	180				
531-JC-366	201 229	2 < 0.2	0.98	16	30 < 0.5	< 2	0.25 < 0.5	4	25	12	1.17 < 10	< 1	0.02	< 10	0.34	90				
531-JC-367	201 229	< 1 < 0.2	0.75	2	20 < 0.5	< 2	0.14 < 0.5	3	20	5	1.27 < 10	< 1	0.02	< 10	0.12	50				
531-JC-368	201 229	1 < 0.2	1.12	8	30 < 0.5	< 2	0.17 < 0.5	4	25	5	1.59 < 10	< 1	0.03	< 10	0.16	70				
531-JC-369	217 229	< 1 < 0.2	0.98	< 2	30 < 0.5	< 2	0.16 < 0.5	3	187	5	1.32 < 10	< 1	0.06	< 10	0.18	80				
531-JC-370	201 229	< 1 < 0.2	1.60	< 2	70 < 0.5	< 2	0.29 < 0.5	6	36	15	1.86 < 10	< 1	0.17	10	0.55	215				
531-JC-371	201 229	< 1 < 0.2	0.67	4	20 < 0.5	< 2	0.23 < 0.5	1	16	3	0.77 < 10	< 1	0.04	< 10	0.18	100				
531-JC-372	201 229	3 < 0.2	1.10	6	50 < 0.5	2	0.15 < 0.5	3	19	4	1.28 < 10	< 1	0.02	< 10	0.13	80				
531-JC-373	201 229	< 1 < 0.2	1.10	14	30 < 0.5	< 2	0.16 < 0.5	5	27	8	1.60 < 10	< 1	0.03	< 10	0.20	105				
531-JC-374	201 229	< 1 < 0.2	0.66	8	20 < 0.5	< 2	0.21 < 0.5	2	15	4	0.74 < 10	< 1	0.03	< 10	0.15	55				
531-JC-375	217 229	< 1 < 0.2	2.75	4	140 < 0.5	< 2	0.47 < 0.5	23	67	21	2.99	10	1	0.45	10	0.91	860			
531-JC-376	201 229	< 1 < 0.2	2.14	6	130 < 0.5	< 2	0.53 < 0.5	8	43	14	2.23	10	< 1	0.27	10	0.65	320			
531-JC-478	201 229	3 < 0.2	0.94	8	40 < 0.5	< 2	0.18 < 0.5	6	35	10	1.76 < 10	< 1	0.04	< 10	0.27	125				
531-JC-479	201 229	3 < 0.2	0.70	10	40 < 0.5	< 2	0.14 < 0.5	5	40	8	1.76 < 10	< 2	0.04	< 10	0.22	165				
531-JC-480	217 229	< 1 < 0.2	2.08	< 2	140 < 0.5	< 2	0.90 < 0.5	13	63	27	2.32	10	< 1	0.25	20	0.66	440			
531-JC-481	201 229	< 1 < 0.2	1.11	< 2	50 < 0.5	2	0.27 < 0.5	4	29	7	1.44 < 10	< 1	0.11	< 10	0.44	190				
531-JC-483	201 229	< 1 < 0.2	1.32	6	60 < 0.5	4	0.39 < 0.5	5	34	11	1.73 < 10	< 1	0.10	10	0.40	200				
531-JC-484	217 229	< 1 < 0.2	2.19	10	100 < 0.5	< 2	0.39 < 0.5	11	95	19	2.54	10	< 1	0.27	10	0.75	390			
531-JC-485	201 229	9 < 0.2	1.08	8	50 < 0.5	< 2	0.27 < 0.5	6	30	8	1.58 < 10	< 1	0.06	< 10	0.34	290				
531-JC-486	201 229	< 1 < 0.2	1.21	2	60 < 0.5	< 2	0.32 < 0.5	6	33	9	1.53 < 10	< 1	0.16	10	0.47	235				
531-JC-487	201 229	< 1 < 0.2	1.67	8	80 < 0.5	6	0.34 < 0.5	8	40	12	2.02 < 10	< 1	0.24	10	0.64	415				
531-JC-488	217 229	< 1 < 0.2	3.40	4	170 < 0.5	< 2	0.56 < 0.5	18	73	31	3.56	10	< 1	0.55	10	1.17	720			

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
POV 1C0

Project: 531  
Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number :2-B  
Total Pages :4  
Certificate Date: 21-AUG-95  
Invoice No. :19524400  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS A9524400

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-347	201 229	< 1	0.01	22	200	8	2	4	24	0.10	< 10	< 10	47	< 10	54
531-JC-348	217 229	< 1	0.02	32	210	6	2	8	25	0.10	< 10	< 10	59	< 10	68
531-JC-349	217 229	< 1	0.02	24	190	18	< 2	6	22	0.07	< 10	< 10	48	< 10	64
531-JC-350	201 229	< 1	< 0.01	6	250	4	2	1	9	0.06	< 10	< 10	20	< 10	16
531-JC-351	201 229	< 1	< 0.01	24	970	6	2	1	9	0.06	< 10	< 10	28	< 10	26
531-JC-352	201 229	< 1	< 0.01	11	90	< 2	2	1	9	0.08	< 10	< 10	23	< 10	16
531-JC-353	217 229	< 1	0.02	32	270	10	< 2	6	27	0.10	< 10	< 10	53	< 10	48
531-JC-354	201 229	< 1	< 0.01	10	540	4	< 2	1	10	0.05	< 10	< 10	16	< 10	14
531-JC-355	201 229	< 1	< 0.01	25	510	2	2	2	11	0.09	< 10	< 10	39	< 10	34
531-JC-356	201 229	< 1	< 0.01	16	1330	2	4	1	11	0.10	< 10	< 10	52	< 10	24
531-JC-357	201 229	< 1	< 0.01	20	210	4	< 2	1	13	0.10	< 10	< 10	29	< 10	26
531-JC-358	201 229	< 1	< 0.01	21	880	6	4	1	13	0.09	< 10	< 10	38	< 10	28
531-JC-359	201 229	< 1	< 0.01	7	160	4	2	1	11	0.08	< 10	< 10	18	< 10	12
531-JC-360	201 229	< 1	< 0.01	18	250	4	< 2	2	15	0.10	< 10	< 10	35	< 10	32
531-JC-361	201 229	1	< 0.01	24	580	2	2	2	9	0.10	< 10	< 10	56	< 10	28
531-JC-362	201 229	< 1	< 0.01	35	480	2	2	2	11	0.11	< 10	< 10	48	< 10	46
531-JC-363	201 229	< 1	< 0.01	6	250	4	2	< 1	7	0.06	< 10	< 10	14	< 10	8
531-JC-364	201 229	< 1	< 0.01	21	160	6	2	1	8	0.10	< 10	< 10	33	< 10	20
531-JC-365	201 229	1	< 0.01	27	340	8	2	2	11	0.14	< 10	< 10	76	< 10	46
531-JC-366	201 229	< 1	0.01	18	500	2	< 2	1	10	0.09	< 10	< 10	26	< 10	18
531-JC-367	201 229	< 1	< 0.01	12	710	< 2	2	1	9	0.07	< 10	< 10	26	< 10	8
531-JC-368	201 229	< 1	< 0.01	15	1040	4	2	1	8	0.06	< 10	< 10	29	< 10	18
531-JC-369	217 229	< 1	0.03	13	840	4	2	1	15	0.06	< 10	< 10	24	< 10	20
531-JC-370	201 229	< 1	< 0.01	17	230	6	< 2	3	18	0.09	< 10	< 10	39	< 10	38
531-JC-371	201 229	< 1	< 0.01	7	390	6	< 2	1	13	0.07	< 10	< 10	19	< 10	16
531-JC-372	201 229	< 1	< 0.01	12	710	10	2	1	11	0.07	< 10	< 10	26	< 10	22
531-JC-373	201 229	< 1	< 0.01	14	600	6	2	1	11	0.08	< 10	< 10	32	< 10	28
531-JC-374	201 229	< 1	< 0.01	6	410	< 2	< 2	1	11	0.07	< 10	< 10	19	< 10	12
531-JC-375	217 229	< 1	0.02	27	210	10	< 2	6	30	0.12	< 10	< 10	63	< 10	68
531-JC-376	201 229	< 1	0.01	21	160	12	2	5	25	0.09	< 10	< 10	39	< 10	56
531-JC-478	201 229	< 1	< 0.01	16	280	8	< 2	1	9	0.10	< 10	< 10	41	< 10	40
531-JC-479	201 229	< 1	< 0.01	17	260	2	< 2	1	8	0.09	< 10	< 10	35	< 10	40
531-JC-480	217 229	< 1	0.02	23	310	14	< 2	4	32	0.08	< 10	< 10	48	< 10	58
531-JC-481	201 229	< 1	0.01	12	200	6	2	2	18	0.09	< 10	< 10	32	< 10	30
531-JC-483	201 229	< 1	0.01	14	360	2	2	3	15	0.09	< 10	< 10	39	< 10	24
531-JC-484	217 229	< 1	0.02	24	410	8	< 2	4	25	0.11	< 10	< 10	54	< 10	48
531-JC-485	201 229	< 1	0.01	11	560	4	< 2	2	17	0.08	< 10	< 10	34	< 10	48
531-JC-486	201 229	< 1	0.01	15	280	< 2	< 2	3	21	0.09	< 10	< 10	36	< 10	34
531-JC-487	201 229	< 1	< 0.01	20	230	8	< 2	4	24	0.11	< 10	< 10	46	< 10	54
531-JC-488	217 229	< 1	0.02	33	520	12	< 2	8	34	0.13	< 10	< 10	75	10	86

CERTIFICATION: *Stuart Deveau*



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

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 Total Pages : 4  
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 Invoice No. : 19524400  
 P.O. Number :  
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## CERTIFICATE OF ANALYSIS A9524400

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-JC-489	201	229	< 1	< 0.2	1.04	2	50	< 0.5	< 2	0.31	< 0.5	4	27	9	1.43	< 10	< 1	0.12	< 10	0.38	165
531-JC-490	201	229	9	< 0.2	0.91	2	20	< 0.5	< 2	0.14	< 0.5	3	29	3	1.58	< 10	< 1	0.03	< 10	0.19	65
531-JC-491	201	229	< 1	< 0.2	1.36	4	50	< 0.5	< 2	0.19	< 0.5	6	31	6	1.78	< 10	< 1	0.03	< 10	0.27	95
531-JC-492	201	229	1	< 0.2	0.77	2	20	< 0.5	< 2	0.17	< 0.5	3	24	6	1.09	< 10	< 1	0.02	< 10	0.24	95
531-JC-493	201	229	< 1	< 0.2	0.68	2	20	< 0.5	< 2	0.19	< 0.5	2	18	2	0.78	< 10	< 1	0.04	< 10	0.26	80
531-JC-494	201	229	< 1	< 0.2	1.22	8	40	< 0.5	< 2	0.12	< 0.5	6	35	6	2.06	< 10	1	0.04	< 10	0.26	105
531-JC-495	201	229	< 1	< 0.2	1.33	26	60	< 0.5	< 2	0.18	< 0.5	11	39	11	2.50	< 10	< 1	0.04	< 10	0.27	270
531-JC-496	201	229	< 1	< 0.2	0.85	2	20	< 0.5	< 2	0.26	< 0.5	3	26	4	1.06	< 10	< 1	0.03	< 10	0.32	100
531-JC-497	217	229	< 1	< 0.2	2.09	28	90	< 0.5	< 2	0.55	< 0.5	11	155	19	2.89	< 10	1	0.15	10	0.94	395
531-JC-498	201	229	2	< 0.2	1.11	14	40	< 0.5	< 2	0.23	< 0.5	7	39	9	2.23	< 10	< 1	0.04	< 10	0.28	210
531-JC-499	201	229	1	< 0.2	0.38	4	40	< 0.5	< 2	0.15	< 0.5	3	26	3	1.11	< 10	< 1	0.03	< 10	0.14	285
531-JC-500	201	229	< 1	< 0.2	1.03	< 2	60	< 0.5	< 2	0.27	< 0.5	6	26	6	1.32	< 10	< 1	0.12	< 10	0.37	290
531-JC-501	217	229	< 1	< 0.2	2.28	2	150	0.5	2	0.99	< 0.5	10	61	17	2.54	< 10	< 1	0.34	20	0.76	505
531-JC-502	201	229	< 1	< 0.2	1.12	< 2	40	< 0.5	< 2	0.32	< 0.5	4	24	6	1.22	< 10	< 1	0.13	< 10	0.38	120
531-JC-503	201	229	< 1	< 0.2	0.94	< 2	40	< 0.5	< 2	0.23	< 0.5	4	21	6	1.08	< 10	< 1	0.10	< 10	0.30	200
531-JC-504	201	229	< 1	< 0.2	0.88	< 2	30	< 0.5	< 2	0.28	< 0.5	2	22	3	1.00	< 10	< 1	0.10	< 10	0.33	100
531-JC-505	201	229	< 1	< 0.2	1.18	2	50	< 0.5	< 2	0.38	< 0.5	4	27	7	1.38	< 10	< 1	0.16	< 10	0.43	155
531-JC-506	201	229	< 1	< 0.2	1.82	< 2	90	< 0.5	2	0.55	< 0.5	7	39	12	2.00	< 10	< 1	0.20	10	0.63	220
531-JC-507	217	229	< 1	< 0.2	2.27	4	130	0.5	2	0.59	< 0.5	12	73	12	2.58	< 10	< 1	0.41	10	0.78	385
531-JC-508	201	229	< 1	< 0.2	1.80	4	80	< 0.5	2	0.44	< 0.5	9	43	10	2.12	< 10	< 1	0.22	10	0.73	405
531-JC-509	201	229	< 1	< 0.2	1.78	6	40	< 0.5	< 2	0.21	< 0.5	8	38	12	1.95	< 10	< 1	0.04	< 10	0.33	115
531-JC-510	201	229	6	< 0.2	1.33	4	60	< 0.5	2	0.27	< 0.5	7	58	7	1.92	< 10	< 1	0.10	< 10	0.62	300
531-JC-511	201	229	< 1	< 0.2	0.99	4	30	< 0.5	< 2	0.22	< 0.5	6	40	3	2.12	< 10	< 1	0.05	< 10	0.29	120
531-JC-512	201	229	< 1	< 0.2	0.89	8	60	< 0.5	2	0.18	< 0.5	6	48	5	1.54	< 10	1	0.04	< 10	0.37	300
531-JC-513	201	229	< 1	< 0.2	1.80	28	60	< 0.5	< 2	0.22	< 0.5	13	63	23	3.13	< 10	< 1	0.06	< 10	0.55	165
531-JC-514	217	229	< 1	< 0.2	0.68	12	40	< 0.5	< 2	0.24	< 0.5	7	179	3	1.48	< 10	< 1	0.12	< 10	0.36	370
531-JC-515	217	229	6	< 0.2	2.36	42	90	< 0.5	< 2	0.44	< 0.5	29	152	30	6.73	< 10	1	0.07	< 10	1.13	2500
531-JC-516	201	229	< 1	< 0.2	0.36	< 2	10	< 0.5	< 2	0.20	< 0.5	1	10	1	0.46	< 10	< 1	0.01	< 10	0.10	45
531-JC-517	201	229	4	< 0.2	0.90	8	20	< 0.5	< 2	0.20	< 0.5	4	33	9	1.40	< 10	< 1	0.03	< 10	0.30	100
531-JC-518	201	229	< 1	< 0.2	0.65	< 2	20	< 0.5	< 2	0.17	< 0.5	2	16	3	0.76	< 10	< 1	0.03	< 10	0.17	60
531-JC-519	201	229	20	< 0.2	0.61	2	10	< 0.5	< 2	0.12	< 0.5	1	19	1	1.16	< 10	< 1	0.02	< 10	0.08	35
531-JC-520	201	229	< 1	< 0.2	0.71	< 2	30	< 0.5	< 2	0.22	< 0.5	3	25	3	1.16	< 10	< 1	0.08	< 10	0.30	110
531-JC-521	201	229	4	< 0.2	1.07	6	30	< 0.5	< 2	0.28	< 0.5	8	37	4	1.46	< 10	< 1	0.04	< 10	0.28	85
531-JC-522	201	229	1	< 0.2	1.05	8	30	< 0.5	< 2	0.21	< 0.5	8	85	5	2.10	< 10	< 1	0.05	< 10	0.54	125
531-JC-523	201	229	16	< 0.2	1.49	6	50	< 0.5	< 2	0.22	< 0.5	8	48	13	1.76	< 10	< 1	0.03	< 10	0.39	95
531-JC-524	201	229	6	< 0.2	0.87	12	20	< 0.5	2	0.31	< 0.5	8	44	12	2.11	< 10	< 1	0.04	< 10	0.33	140
531-JC-525	201	229	2	< 0.2	0.92	8	20	< 0.5	< 2	0.25	< 0.5	4	33	7	1.33	< 10	< 1	0.02	< 10	0.32	110
531-JC-526	201	229	6	< 0.2	0.59	2	20	< 0.5	< 2	0.29	< 0.5	3	20	5	0.77	< 10	< 1	0.01	< 10	0.18	85
531-JC-527	201	229	1	< 0.2	1.34	< 2	80	< 0.5	< 2	0.61	< 0.5	5	31	18	1.50	< 10	< 1	0.08	10	0.35	280
531-JC-528	201	229	2	< 0.2	1.59	2	80	< 0.5	< 2	0.69	< 0.5	7	48	16	2.35	< 10	< 1	0.23	20	0.69	195

CERTIFICATION: \_\_\_\_\_





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## CERTIFICATE OF ANALYSIS

### A9524400

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-489	201 229	< 1	< 0.01	12	520	6	< 2	2	18	0.07	< 10	< 10	32	< 10	30
531-JC-490	201 229	< 1	< 0.01	11	670	4	< 2	1	8	0.06	< 10	< 10	29	< 10	32
531-JC-491	201 229	< 1	< 0.01	16	890	4	< 2	1	11	0.07	< 10	< 10	34	< 10	26
531-JC-492	201 229	< 1	< 0.01	11	340	2	< 2	1	9	0.07	< 10	< 10	27	< 10	18
531-JC-493	201 229	< 1	< 0.01	8	300	4	< 2	1	10	0.07	< 10	< 10	18	< 10	16
531-JC-494	201 229	< 1	< 0.01	15	1740	6	< 2	1	8	0.05	< 10	< 10	35	< 10	70
531-JC-495	201 229	< 1	< 0.01	34	640	4	< 2	1	10	0.09	< 10	< 10	46	< 10	26
531-JC-496	201 229	< 1	0.01	11	300	4	< 2	1	15	0.09	< 10	< 10	27	< 10	18
531-JC-497	217 229	< 1	0.03	34	310	4	< 2	4	29	0.15	< 10	< 10	61	< 10	46
531-JC-498	201 229	< 1	< 0.01	20	1040	4	< 2	1	13	0.08	< 10	< 10	40	< 10	68
531-JC-499	201 229	< 1	< 0.01	8	270	2	< 2	< 1	10	0.07	< 10	< 10	24	< 10	22
531-JC-500	201 229	< 1	< 0.01	12	120	4	< 2	2	18	0.10	< 10	< 10	29	< 10	42
531-JC-501	217 229	< 1	0.02	27	430	8	< 2	6	30	0.09	< 10	< 10	51	< 10	60
531-JC-502	201 229	< 1	0.01	11	240	4	< 2	2	22	0.09	< 10	< 10	27	< 10	32
531-JC-503	201 229	< 1	< 0.01	9	220	4	< 2	2	16	0.07	< 10	< 10	25	< 10	32
531-JC-504	201 229	< 1	0.01	9	290	2	< 2	2	18	0.09	< 10	< 10	23	< 10	30
531-JC-505	201 229	< 1	0.01	12	480	2	< 2	2	20	0.09	< 10	< 10	30	< 10	32
531-JC-506	201 229	< 1	0.01	18	440	6	< 2	4	27	0.10	< 10	< 10	42	< 10	52
531-JC-507	217 229	< 1	0.02	24	460	10	< 2	4	31	0.11	< 10	< 10	54	< 10	60
531-JC-508	201 229	< 1	0.01	21	260	6	< 2	4	33	0.14	< 10	< 10	47	< 10	54
531-JC-509	201 229	< 1	< 0.01	31	500	4	< 2	2	14	0.12	< 10	< 10	38	< 10	40
531-JC-510	201 229	< 1	< 0.01	26	300	6	< 2	2	16	0.10	< 10	< 10	41	< 10	40
531-JC-511	201 229	< 1	< 0.01	18	570	2	< 2	1	11	0.09	< 10	< 10	44	< 10	30
531-JC-512	201 229	< 1	< 0.01	32	410	4	< 2	1	13	0.08	< 10	< 10	32	< 10	24
531-JC-513	201 229	< 1	< 0.01	77	800	6	< 2	2	14	0.13	< 10	< 10	61	< 10	42
531-JC-514	217 229	< 1	0.04	18	180	4	< 2	1	19	0.08	< 10	< 10	30	< 10	22
531-JC-515	217 229	1	0.01	65	1160	4	2	11	18	0.05	< 10	< 10	131	10	78
531-JC-516	201 229	< 1	< 0.01	3	300	< 2	< 2	< 1	11	0.06	< 10	< 10	12	< 10	6
531-JC-517	201 229	< 1	< 0.01	25	320	4	< 2	1	11	0.09	< 10	< 10	30	< 10	24
531-JC-518	201 229	< 1	< 0.01	6	140	2	< 2	1	12	0.07	< 10	< 10	19	< 10	12
531-JC-519	201 229	< 1	< 0.01	4	290	2	< 2	< 1	6	0.06	< 10	< 10	23	< 10	12
531-JC-520	201 229	< 1	< 0.01	10	220	4	< 2	1	14	0.07	< 10	< 10	25	< 10	24
531-JC-521	201 229	< 1	< 0.01	52	660	2	< 2	1	15	0.09	< 10	< 10	28	< 10	20
531-JC-522	201 229	< 1	< 0.01	55	390	6	< 2	2	14	0.11	< 10	< 10	41	< 10	42
531-JC-523	201 229	< 1	< 0.01	51	490	6	< 2	1	13	0.10	< 10	< 10	36	< 10	30
531-JC-524	201 229	< 1	< 0.01	43	730	8	< 2	1	13	0.08	< 10	< 10	40	< 10	22
531-JC-525	201 229	< 1	< 0.01	20	150	4	< 2	1	14	0.11	< 10	< 10	33	< 10	20
531-JC-526	201 229	< 1	< 0.01	9	250	2	< 2	1	13	0.09	< 10	< 10	22	< 10	10
531-JC-527	201 229	< 1	0.01	17	360	4	< 2	3	23	0.10	< 10	< 10	32	< 10	26
531-JC-528	201 229	< 1	0.01	23	550	6	< 2	4	22	0.11	< 10	< 10	46	< 10	40

CERTIFICATION:

*[Handwritten signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 POV 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: D.W. MANN

Page Number : 4-A  
 Total Pages : 4  
 Certificate Date: 21-AUG-95  
 Invoice No. : 19524400  
 P.O. Number :  
 Account : GKO

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9524400</b>
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SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-529	201 229	4	< 0.2	0.88	12	30	< 0.5	< 2	0.27	< 0.5	7	34	16	1.53	< 10	< 1	0.03	10	0.34	125
531-JC-530	201 229	20	< 0.2	1.19	6	50	< 0.5	< 2	0.25	< 0.5	7	28	6	1.80	< 10	< 1	0.04	< 10	0.21	85
531-JC-531	201 229	< 1	< 0.2	1.04	12	30	< 0.5	< 2	0.23	< 0.5	4	26	11	1.34	< 10	< 1	0.03	< 10	0.32	105
531-JC-532	201 229	6	< 0.2	1.96	14	40	< 0.5	< 2	0.20	< 0.5	8	34	21	2.90	< 10	< 1	0.03	< 10	0.46	160
531-JC-533	201 229	6	< 0.2	2.48	16	100	< 0.5	2	0.25	< 0.5	12	48	34	3.98	< 10	1	0.04	< 10	0.67	280

CERTIFICATION: \_\_\_\_\_





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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 1-A  
 Total Pages : 4  
 Certificate Date: 02-AUG-95  
 Invoice No. : I9522646  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9522646</b>
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SAMPLE	PREP		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-JC-001	201	229	< 1	< 0.2	0.94	< 2	40	0.5	< 2	0.30	< 0.5	4	27	7	1.30	< 10	< 1	0.15	10	0.42	225
531-JC-002	201	229	< 1	< 0.2	1.64	< 2	70	0.5	< 2	0.49	< 0.5	10	43	10	2.01	< 10	< 1	0.24	10	0.73	335
531-JC-003	201	229	5	< 0.2	0.69	< 2	20	0.5	< 2	0.24	< 0.5	3	26	3	1.22	< 10	< 1	0.05	< 10	0.22	80
531-JC-004	201	229	< 1	< 0.2	1.90	2	80	0.5	< 2	0.36	< 0.5	10	50	12	2.30	< 10	< 1	0.23	10	0.72	415
531-JC-005	201	229	17	< 0.2	2.14	16	70	0.5	< 2	0.23	< 0.5	10	55	21	3.07	< 10	< 1	0.08	10	0.63	215
531-JC-006	201	229	3	< 0.2	0.61	< 2	20	0.5	< 2	0.30	< 0.5	2	24	4	1.18	< 10	< 1	0.08	< 10	0.31	130
531-JC-007	201	229	< 1	< 0.2	1.67	< 2	80	0.5	< 2	0.38	< 0.5	10	44	13	2.00	< 10	< 1	0.21	10	0.67	330
531-JC-008	201	229	< 1	< 0.2	2.24	< 2	120	0.5	< 2	0.39	< 0.5	9	55	18	2.55	< 10	< 1	0.34	10	0.80	570
531-JC-009	201	229	3	< 0.2	1.06	< 2	40	0.5	< 2	0.37	< 0.5	6	33	6	1.47	< 10	< 1	0.13	10	0.44	195
531-JC-010	201	229	3	< 0.2	0.78	< 2	20	0.5	< 2	0.23	< 0.5	1	22	4	1.01	< 10	< 1	0.06	< 10	0.20	65
531-JC-011	201	229	< 1	< 0.2	1.50	< 2	60	0.5	2	0.33	< 0.5	7	38	10	1.79	< 10	< 1	0.13	10	0.51	315
531-JC-012	201	229	< 1	< 0.2	1.46	< 2	70	0.5	< 2	0.29	< 0.5	6	36	9	1.75	< 10	< 1	0.10	10	0.48	220
531-JC-013	201	229	14	< 0.2	0.29	< 2	30	0.5	< 2	0.24	< 0.5	2	31	4	0.98	< 10	< 1	0.04	< 10	0.09	205
531-JC-014	201	229	15	< 0.2	1.40	12	40	0.5	< 2	0.19	< 0.5	4	29	23	2.41	< 10	< 1	0.02	< 10	0.30	120
531-JC-015	201	229	1	< 0.2	2.93	< 2	110	0.5	< 2	0.26	< 0.5	14	33	61	2.85	< 10	< 1	0.04	10	0.36	345
531-JC-016	201	229	10	< 0.2	2.34	< 2	70	0.5	< 2	0.20	< 0.5	7	44	25	2.12	< 10	< 1	0.03	10	0.50	145
531-JC-017	201	229	4	< 0.2	2.11	< 2	100	0.5	< 2	0.25	0.5	10	29	38	2.67	< 10	< 1	0.03	< 10	0.35	280
531-JC-018	201	229	6	< 0.2	1.29	< 2	40	0.5	< 2	0.19	< 0.5	4	31	15	2.59	< 10	< 1	0.04	< 10	0.39	155
531-JC-019	201	229	27	< 0.2	1.04	< 2	60	0.5	< 2	0.25	< 0.5	4	25	9	1.21	< 10	< 1	0.02	< 10	0.24	245
531-JC-020	201	229	9	< 0.2	1.12	< 2	20	0.5	< 2	0.20	< 0.5	6	28	17	1.34	< 10	< 1	0.02	< 10	0.31	105
531-JC-021	201	229	3	< 0.2	1.23	< 2	30	0.5	< 2	0.18	< 0.5	5	22	15	1.31	< 10	< 1	0.03	10	0.23	80
531-JC-022	201	229	1	< 0.2	1.73	< 2	110	0.5	< 2	0.38	0.5	10	47	22	2.04	< 10	< 1	0.12	20	0.53	280
531-JC-023	201	229	8	< 0.2	0.60	< 2	10	0.5	< 2	0.24	< 0.5	2	20	4	0.97	< 10	< 1	0.03	< 10	0.23	80
531-JC-024	201	229	3	< 0.2	1.87	< 2	90	0.5	< 2	0.27	< 0.5	11	42	13	2.17	< 10	1	0.19	10	0.65	605
531-JC-025	201	229	1	< 0.2	0.60	< 2	20	0.5	< 2	0.20	< 0.5	2	19	4	0.84	< 10	< 1	0.05	< 10	0.24	105
531-JC-026	201	229	1	< 0.2	0.66	< 2	30	0.5	< 2	0.23	< 0.5	3	21	3	0.99	< 10	< 1	0.05	< 10	0.24	105
531-JC-027	201	229	< 1	< 0.2	0.85	2	40	0.5	< 2	0.29	< 0.5	4	24	6	1.12	< 10	< 1	0.06	10	0.29	175
531-JC-028	201	229	< 1	< 0.2	1.30	< 2	60	0.5	< 2	0.27	< 0.5	7	34	8	1.62	< 10	1	0.13	10	0.44	275
531-JC-029	201	229	< 1	< 0.2	1.46	< 2	60	0.5	< 2	0.37	< 0.5	8	36	11	1.69	< 10	< 1	0.12	10	0.50	320
531-JC-030	201	229	< 1	< 0.2	2.19	< 2	90	0.5	< 2	0.39	< 0.5	11	52	18	2.57	< 10	< 1	0.27	10	0.78	350
531-JC-031	201	229	2	< 0.2	0.91	< 2	40	0.5	< 2	0.29	< 0.5	7	31	7	1.46	< 10	1	0.11	10	0.33	235
531-JC-032	201	229	2	< 0.2	0.81	< 2	10	0.5	< 2	0.25	< 0.5	3	25	6	1.30	< 10	< 1	0.03	< 10	0.24	85
531-JC-033	201	229	2	< 0.2	0.56	4	10	0.5	< 2	0.20	< 0.5	3	25	4	1.31	< 10	< 1	0.03	< 10	0.18	80
531-JC-034	201	229	1	< 0.2	1.71	< 2	80	0.5	< 2	0.46	< 0.5	8	43	17	2.15	< 10	< 1	0.17	10	0.63	225
531-JC-035	201	229	< 1	< 0.2	2.24	< 2	110	0.5	< 2	0.51	< 0.5	13	56	20	2.70	< 10	< 1	0.32	10	0.77	470
531-JC-036	201	229	1	< 0.2	0.82	< 2	30	0.5	< 2	0.27	< 0.5	3	21	6	1.06	< 10	< 1	0.08	< 10	0.29	115
531-JC-037	201	229	< 1	< 0.2	0.78	< 2	30	0.5	< 2	0.21	< 0.5	4	21	5	1.12	< 10	1	0.08	< 10	0.28	115
531-JC-038	201	229	< 1	< 0.2	1.93	< 2	90	0.5	< 2	0.37	< 0.5	10	46	19	2.35	< 10	< 1	0.27	10	0.68	345
531-JC-039	201	229	< 1	< 0.2	1.94	2	100	0.5	< 2	0.57	< 0.5	8	50	17	2.35	< 10	1	0.21	10	0.61	255
531-JC-040	201	229	< 1	< 0.2	0.71	< 2	20	0.5	< 2	0.26	< 0.5	3	20	3	0.97	< 10	< 1	0.07	< 10	0.27	110

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

5175 Timberlea Blvd., Mississauga  
Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

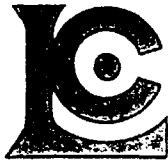
Page Number : 1-B  
Total Pages : 4  
Certificate Date: 02-AUG-95  
Invoice No. : 19522646  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522646

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-001	201 229	< 1	0.01	13	340	4	< 2	2	19	0.10	< 10	< 10	29	< 10	38
531-JC-002	201 229	< 1	0.02	19	480	4	< 2	4	33	0.15	< 10	< 10	44	< 10	56
531-JC-003	201 229	< 1	0.01	10	380	< 2	< 2	1	13	0.08	< 10	< 10	25	< 10	14
531-JC-004	201 229	< 1	0.01	24	200	2	< 2	4	23	0.12	< 10	< 10	47	< 10	48
531-JC-005	201 229	< 1	< 0.01	35	1660	6	< 2	3	13	0.08	< 10	< 10	48	< 10	94
531-JC-006	201 229	< 1	0.01	10	600	2	< 2	1	14	0.05	< 10	< 10	24	< 10	20
531-JC-007	201 229	< 1	0.02	22	380	4	< 2	4	27	0.12	< 10	< 10	43	< 10	52
531-JC-008	201 229	< 1	0.01	28	270	6	< 2	6	30	0.12	< 10	< 10	53	< 10	62
531-JC-009	201 229	< 1	0.01	14	270	2	< 2	3	26	0.13	< 10	< 10	34	< 10	32
531-JC-010	201 229	< 1	< 0.01	8	350	4	< 2	1	14	0.09	< 10	< 10	24	< 10	14
531-JC-011	201 229	< 1	0.01	17	210	4	< 2	3	26	0.11	< 10	< 10	40	< 10	40
531-JC-012	201 229	< 1	0.01	17	170	6	< 2	3	22	0.10	< 10	< 10	39	< 10	36
531-JC-013	201 229	< 1	< 0.01	13	160	6	< 2	1	13	0.04	< 10	< 10	21	< 10	12
531-JC-014	201 229	< 1	< 0.01	13	340	2	< 2	2	10	0.09	< 10	< 10	49	< 10	46
531-JC-015	201 229	< 1	< 0.01	26	400	4	< 2	3	13	0.10	< 10	< 10	57	< 10	116
531-JC-016	201 229	< 1	0.01	25	220	6	< 2	3	14	0.13	< 10	< 10	46	< 10	40
531-JC-017	201 229	< 1	< 0.01	21	250	6	< 2	3	9	0.07	< 10	< 10	61	< 10	38
531-JC-018	201 229	< 1	< 0.01	13	400	2	< 2	2	11	0.09	< 10	< 10	54	< 10	42
531-JC-019	201 229	< 1	< 0.01	13	90	< 2	< 2	2	11	0.07	< 10	< 10	25	< 10	12
531-JC-020	201 229	< 1	< 0.01	13	300	4	< 2	1	10	0.09	< 10	< 10	30	< 10	22
531-JC-021	201 229	< 1	< 0.01	15	360	< 2	< 2	1	12	0.10	< 10	< 10	27	< 10	16
531-JC-022	201 229	< 1	0.01	21	280	2	< 2	5	31	0.10	< 10	< 10	44	< 10	34
531-JC-023	201 229	< 1	0.01	7	290	2	< 2	1	13	0.07	< 10	< 10	21	< 10	14
531-JC-024	201 229	< 1	0.01	21	200	6	< 2	4	23	0.10	< 10	< 10	43	< 10	48
531-JC-025	201 229	< 1	0.01	7	260	< 2	< 2	1	13	0.06	< 10	< 10	19	< 10	18
531-JC-026	201 229	< 1	0.01	8	220	< 2	< 2	1	17	0.08	< 10	< 10	24	< 10	20
531-JC-027	201 229	< 1	0.01	10	230	< 2	< 2	2	20	0.08	< 10	< 10	28	< 10	24
531-JC-028	201 229	< 1	0.01	15	200	2	< 2	3	21	0.10	< 10	< 10	37	< 10	32
531-JC-029	201 229	< 1	0.02	15	380	2	< 2	3	28	0.12	< 10	< 10	38	< 10	40
531-JC-030	201 229	< 1	0.02	24	360	< 2	< 2	6	32	0.12	< 10	< 10	54	< 10	54
531-JC-031	201 229	< 1	0.01	12	330	< 2	< 2	2	20	0.10	< 10	< 10	31	< 10	28
531-JC-032	201 229	< 1	0.01	9	310	< 2	< 2	1	16	0.10	< 10	< 10	28	< 10	22
531-JC-033	201 229	< 1	< 0.01	9	700	< 2	< 2	1	10	0.07	< 10	< 10	25	< 10	16
531-JC-034	201 229	< 1	0.02	18	480	< 2	< 2	5	29	0.11	< 10	< 10	45	< 10	40
531-JC-035	201 229	< 1	0.02	25	220	< 2	< 2	7	30	0.12	< 10	< 10	58	< 10	54
531-JC-036	201 229	< 1	0.01	9	400	< 2	< 2	2	16	0.07	< 10	< 10	24	< 10	20
531-JC-037	201 229	< 1	0.01	8	230	2	< 2	2	16	0.07	< 10	< 10	25	< 10	20
531-JC-038	201 229	< 1	0.01	21	230	2	< 2	5	26	0.10	< 10	< 10	48	< 10	48
531-JC-039	201 229	< 1	0.01	25	410	4	< 2	6	28	0.07	< 10	< 10	45	< 10	50
531-JC-040	201 229	< 1	0.01	7	360	< 2	< 2	2	17	0.08	< 10	< 10	22	< 10	20

CERTIFICATION: *Stuart Deveau*



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 531  
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Page Number : 2-A  
 Total Pages : 4  
 Certificate Date : 02-AUG-95  
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 Account : GKQ

## CERTIFICATE OF ANALYSIS A9522646

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-041	201 229	1 < 0.2	0.81	< 2	30	0.5	< 2	0.25	< 0.5	3	20	4	1.06	< 10	< 1	0.05	< 10	0.25	110	
531-JC-042	201 229	7 < 0.2	1.49	< 2	80	0.5	< 2	0.35	< 0.5	6	35	14	1.80	< 10	< 1	0.16	10	0.47	210	
531-JC-043	201 229	< 1 < 0.2	1.81	< 2	80	0.5	< 2	0.29	< 0.5	10	44	14	2.20	< 10	< 1	0.22	10	0.64	365	
531-JC-044	201 229	< 1 < 0.2	1.62	< 2	80	0.5	< 2	0.30	< 0.5	9	43	13	2.12	< 10	< 1	0.22	10	0.60	325	
531-JC-045	201 229	2 < 0.2	1.70	2	90	0.5	< 2	0.37	< 0.5	8	40	16	2.08	< 10	< 1	0.24	10	0.60	385	
531-JC-046	201 229	2 < 0.2	0.66	< 2	30	0.5	< 2	0.24	< 0.5	3	19	4	0.88	< 10	< 1	0.07	< 10	0.25	115	
531-JC-047	201 229	< 1 < 0.2	0.84	< 2	40	0.5	< 2	0.24	< 0.5	3	23	7	1.14	< 10	< 1	0.09	10	0.30	125	
531-JC-048	201 229	< 1 < 0.2	1.34	8	70	0.5	< 2	0.29	< 0.5	8	35	11	1.88	< 10	< 1	0.15	10	0.48	270	
531-JC-049	201 229	2 < 0.2	1.51	< 2	40	0.5	< 2	0.30	< 0.5	7	34	13	1.75	< 10	< 1	0.11	< 10	0.50	155	
531-JC-050	201 229	7 < 0.2	2.22	< 2	50	0.5	< 2	0.23	< 0.5	9	54	28	2.64	< 10	< 1	0.06	10	0.59	200	
531-JC-051	201 229	4 < 0.2	0.79	2	20	0.5	< 2	0.19	< 0.5	3	25	5	1.16	< 10	< 1	0.02	< 10	0.17	70	
531-JC-052	201 229	< 1 < 0.2	0.52	< 2	10	0.5	2	0.19	< 0.5	2	13	3	0.63	< 10	< 1	0.03	< 10	0.16	50	
531-JC-053	201 229	15 < 0.2	0.50	< 2	20	0.5	< 2	0.12	< 0.5	3	33	3	1.36	< 10	< 1	0.03	< 10	0.19	70	
531-JC-054	201 229	9 < 0.2	2.00	6	60	0.5	< 2	0.30	< 0.5	9	39	26	2.96	< 10	< 1	0.05	10	0.43	140	
531-JC-055	201 229	87 < 0.2	1.05	8	20	0.5	< 2	0.19	< 0.5	3	27	10	1.73	< 10	< 1	0.02	< 10	0.19	80	
531-JC-056	201 229	11 < 0.2	1.20	< 2	40	0.5	< 2	0.23	< 0.5	7	31	15	1.92	< 10	< 1	0.05	< 10	0.31	145	
531-JC-057	201 229	< 1 < 0.2	2.25	< 2	130	0.5	< 2	0.44	< 0.5	11	51	13	2.51	< 10	< 1	0.35	10	0.86	570	
531-JC-059	201 229	1 < 0.2	2.65	< 2	140	0.5	< 2	0.45	< 0.5	13	63	19	3.09	< 10	< 1	0.45	10	1.01	545	
531-JC-060	201 229	2 < 0.2	1.65	< 2	100	0.5	2	0.39	< 0.5	12	45	14	2.24	< 10	< 1	0.33	10	0.71	595	
531-JC-061	201 229	< 1 < 0.2	0.61	< 2	30	0.5	< 2	0.27	< 0.5	5	19	5	0.92	< 10	< 1	0.11	10	0.27	190	
531-JC-062	201 229	13 < 0.2	1.75	2	90	0.5	< 2	0.72	< 0.5	12	46	11	2.87	< 10	2	0.20	10	0.60	385	
531-JC-063	201 229	14 < 0.2	2.30	12	50	0.5	< 2	0.21	< 0.5	11	53	24	3.17	< 10	1	0.05	< 10	0.63	210	
531-JC-064	201 229	1 < 0.2	0.74	< 2	30	0.5	< 2	0.21	< 0.5	3	18	4	0.97	< 10	< 1	0.06	< 10	0.26	115	
531-JC-065	201 229	1 < 0.2	0.78	< 2	10	0.5	< 2	0.23	< 0.5	4	26	6	1.26	< 10	< 1	0.04	< 10	0.29	100	
531-JC-066	201 229	< 1 < 0.2	1.43	< 2	80	0.5	< 2	0.43	< 0.5	7	35	13	1.70	< 10	< 1	0.14	10	0.52	385	
531-JC-067	201 229	3 < 0.2	1.28	6	50	0.5	< 2	0.29	< 0.5	6	33	16	1.68	< 10	< 1	0.04	< 10	0.43	200	
531-JC-068	201 229	4 < 0.2	1.67	20	180	0.5	< 2	0.20	0.5	10	29	80	1.76	< 10	< 1	0.03	10	0.16	840	
531-JC-069	201 229	4 < 0.2	1.92	8	50	0.5	< 2	0.21	< 0.5	9	40	29	2.37	< 10	< 1	0.03	10	0.49	170	
531-JC-070	201 229	34 < 0.2	1.51	< 2	50	0.5	< 2	0.15	< 0.5	5	24	20	1.76	< 10	< 1	0.03	< 10	0.29	105	
531-JC-071	201 229	4 < 0.2	2.36	< 2	80	0.5	< 2	0.17	0.5	8	38	26	2.69	< 10	< 1	0.05	10	0.49	170	
531-JC-072	201 229	4 < 0.2	0.88	2	30	0.5	< 2	0.20	< 0.5	4	42	10	1.69	< 10	< 1	0.04	< 10	0.28	120	
531-JC-073	201 229	34 < 0.2	1.39	< 2	70	0.5	< 2	0.23	< 0.5	8	33	8	2.40	< 10	< 1	0.08	10	0.39	135	
531-JC-074	201 229	< 1 < 0.2	0.88	< 2	30	0.5	< 2	0.20	< 0.5	5	24	6	1.17	< 10	< 1	0.06	< 10	0.32	155	
531-JC-075	201 229	20 < 0.2	1.13	14	30	0.5	< 2	0.27	< 0.5	7	45	21	1.91	< 10	< 1	0.03	< 10	0.57	160	
531-JC-076	201 229	< 1 < 0.2	0.61	4	20	0.5	< 2	0.32	< 0.5	3	21	15	0.81	< 10	< 1	0.01	10	0.16	70	
531-JC-077	201 229	8 < 0.2	1.18	4	30	0.5	< 2	0.43	< 0.5	6	27	23	1.26	< 10	< 1	0.03	10	0.35	130	
531-JC-078	201 229	< 1 < 0.2	0.39	< 2	10	0.5	< 2	0.11	< 0.5	< 1	9	2	0.39	< 10	< 1	0.01	< 10	0.09	35	
531-JC-079	201 229	38 < 0.2	5.07	8	100	0.5	< 2	0.47	< 0.5	33	129	131	6.07	10	< 1	0.05	20	1.76	930	
531-JC-080	201 229	2 < 0.2	1.02	2	40	0.5	< 2	0.18	< 0.5	4	29	7	1.67	< 10	< 1	0.04	< 10	0.21	125	
531-JC-081	201 229	1 < 0.2	1.97	4	40	0.5	< 2	0.19	< 0.5	7	32	15	1.95	10	< 1	0.04	< 10	0.36	135	

CERTIFICATION:

*Handwritten signature*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments : ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 2-B  
Total Pages : 4  
Certificate Date: 02-AUG-95  
Invoice No. : 19522646  
P.O. Number :  
Account : GKQ

## CERTIFICATE OF ANALYSIS

### A9522646

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-041	201 229	< 1	0.01	9	180	< 2	< 2	2	20	0.09	< 10	< 10	26	< 10	20
531-JC-042	201 229	< 1	0.01	16	390	2	2	3	23	0.09	< 10	< 10	39	< 10	40
531-JC-043	201 229	< 1	0.01	21	300	< 2	< 2	4	23	0.10	< 10	< 10	44	< 10	46
531-JC-044	201 229	< 1	0.01	20	330	4	2	4	23	0.10	< 10	< 10	43	< 10	44
531-JC-045	201 229	< 1	0.01	18	280	4	< 2	4	23	0.09	< 10	< 10	42	< 10	50
531-JC-046	201 229	< 1	0.01	8	340	< 2	< 2	1	14	0.07	< 10	< 10	21	< 10	20
531-JC-047	201 229	< 1	0.01	10	330	2	< 2	2	18	0.07	< 10	< 10	27	< 10	22
531-JC-048	201 229	< 1	0.01	15	150	6	< 2	3	22	0.10	< 10	< 10	41	< 10	36
531-JC-049	201 229	< 1	0.01	14	270	< 2	< 2	3	22	0.10	< 10	< 10	39	< 10	30
531-JC-050	201 229	< 1	0.01	27	870	< 2	< 2	3	16	0.13	< 10	< 10	50	< 10	54
531-JC-051	201 229	< 1	0.01	9	390	< 2	< 2	1	12	0.08	< 10	< 10	25	< 10	16
531-JC-052	201 229	< 1	< 0.01	5	360	< 2	< 2	1	11	0.06	< 10	< 10	17	< 10	8
531-JC-053	201 229	< 1	< 0.01	12	180	2	< 2	1	10	0.08	< 10	< 10	31	< 10	14
531-JC-054	201 229	< 1	0.01	17	370	2	2	3	16	0.13	< 10	< 10	61	< 10	32
531-JC-055	201 229	< 1	< 0.01	9	850	< 2	< 2	1	11	0.08	< 10	< 10	34	< 10	20
531-JC-056	201 229	< 1	0.01	14	1570	< 2	2	2	13	0.07	< 10	< 10	35	< 10	30
531-JC-057	201 229	< 1	0.02	25	460	< 2	2	6	31	0.14	< 10	< 10	51	< 10	64
531-JC-059	201 229	< 1	0.02	30	420	< 2	2	7	31	0.14	< 10	< 10	63	< 10	74
531-JC-060	201 229	< 1	0.01	21	500	2	< 2	4	24	0.12	< 10	< 10	47	< 10	60
531-JC-061	201 229	< 1	0.01	8	330	< 2	< 2	1	14	0.07	< 10	< 10	20	< 10	20
531-JC-062	201 229	< 1	0.01	18	490	2	2	4	25	0.09	< 10	< 10	49	< 10	50
531-JC-063	201 229	< 1	< 0.01	26	820	< 2	2	3	12	0.12	< 10	< 10	59	< 10	92
531-JC-064	201 229	< 1	0.01	9	120	< 2	< 2	1	14	0.07	< 10	< 10	22	< 10	20
531-JC-065	201 229	< 1	0.01	10	210	4	< 2	2	14	0.09	< 10	< 10	28	< 10	18
531-JC-066	201 229	< 1	0.01	18	130	< 2	< 2	3	20	0.10	< 10	< 10	36	< 10	40
531-JC-067	201 229	< 1	0.01	22	310	2	< 2	2	13	0.11	< 10	< 10	39	< 10	44
531-JC-068	201 229	1	< 0.01	31	900	20	< 2	2	9	0.04	< 10	< 10	31	< 10	62
531-JC-069	201 229	1	0.01	33	390	2	< 2	2	13	0.13	< 10	< 10	44	< 10	30
531-JC-070	201 229	< 1	< 0.01	11	170	< 2	< 2	2	12	0.10	< 10	< 10	38	< 10	28
531-JC-071	201 229	< 1	0.01	18	510	4	< 2	3	14	0.13	< 10	< 10	53	< 10	50
531-JC-072	201 229	< 1	< 0.01	14	620	2	< 2	1	14	0.08	< 10	< 10	32	< 10	20
531-JC-073	201 229	< 1	< 0.01	18	530	< 2	< 2	2	13	0.12	< 10	< 10	43	< 10	44
531-JC-074	201 229	< 1	0.01	10	180	2	< 2	2	14	0.09	< 10	< 10	26	< 10	20
531-JC-075	201 229	1	0.01	34	380	6	2	2	13	0.12	< 10	< 10	41	< 10	32
531-JC-076	201 229	< 1	0.01	10	510	4	< 2	1	11	0.07	< 10	< 10	20	< 10	10
531-JC-077	201 229	< 1	0.01	17	680	4	< 2	2	13	0.09	< 10	< 10	26	< 10	24
531-JC-078	201 229	< 1	< 0.01	2	60	2	< 2	< 1	7	0.06	< 10	< 10	13	< 10	6
531-JC-079	201 229	1	0.02	82	640	< 2	2	10	11	0.16	< 10	< 10	192	10	110
531-JC-080	201 229	< 1	< 0.01	10	850	4	< 2	1	12	0.07	< 10	< 10	30	< 10	28
531-JC-081	201 229	< 1	0.01	16	510	4	< 2	2	15	0.10	< 10	< 10	41	< 10	32

CERTIFICATION: H. J. Decker



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Page Number : 3-A  
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 Certificate Date: 02-AUG-95  
 Invoice No. : 19522646  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments : ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9522646

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-082	201 229	2 < 0.2	3.75	< 2	150	0.5	< 2	0.20	< 0.5	12	57	36	3.26	10	1	0.11	10	0.64	225	
531-JC-083	201 229	3 < 0.2	1.25	6	30	0.5	< 2	0.19	< 0.5	5	28	9	1.56	10	< 1	0.03	< 10	0.34	115	
531-JC-084	201 229	34 < 0.2	1.74	2	60	0.5	< 2	0.20	< 0.5	8	31	17	2.04	< 10	< 1	0.05	< 10	0.38	200	
531-JC-085	201 229	< 1 < 0.2	1.04	2	40	0.5	< 2	0.26	< 0.5	7	25	8	1.22	< 10	< 1	0.08	< 10	0.32	215	
531-JC-086	201 229	< 1 < 0.2	0.70	2	40	0.5	2	0.23	< 0.5	3	20	4	0.89	< 10	< 1	0.06	< 10	0.23	135	
531-JC-087	201 229	1 < 0.2	0.84	< 2	20	0.5	< 2	0.29	< 0.5	3	22	4	1.18	< 10	1	0.07	< 10	0.30	125	
531-JC-088	201 229	< 1 < 0.2	0.84	< 2	40	0.5	2	0.23	< 0.5	3	24	6	1.17	< 10	< 1	0.07	10	0.30	195	
531-JC-089	201 229	< 1 < 0.2	0.97	< 2	40	0.5	< 2	0.27	< 0.5	5	24	7	1.30	< 10	< 1	0.09	< 10	0.34	195	
531-JC-090	201 229	1 < 0.2	0.62	2	20	0.5	< 2	0.23	< 0.5	3	21	4	1.07	< 10	1	0.06	< 10	0.23	95	
531-JC-091	201 229	8 < 0.2	1.04	8	40	0.5	< 2	0.19	< 0.5	5	31	7	1.78	< 10	< 1	0.06	< 10	0.28	135	
531-JC-092	201 229	< 1 < 0.2	1.77	< 2	70	0.5	< 2	0.36	< 0.5	11	41	12	2.19	10	< 1	0.21	10	0.63	280	
531-JC-093	201 229	4 < 0.2	1.11	< 2	50	0.5	< 2	0.37	< 0.5	7	35	8	1.62	< 10	< 1	0.16	10	0.48	260	
531-JC-094	201 229	< 1 < 0.2	0.87	< 2	30	0.5	< 2	0.30	< 0.5	4	27	5	1.27	< 10	< 1	0.07	10	0.35	135	
531-JC-095	201 229	69 < 0.2	0.92	2	30	0.5	< 2	0.16	< 0.5	4	20	4	1.31	< 10	< 1	0.03	< 10	0.17	105	
531-JC-096	201 229	3 < 0.2	1.46	4	40	0.5	< 2	0.23	< 0.5	7	32	9	2.17	10	< 1	0.06	< 10	0.35	125	
531-JC-097	201 229	< 1 < 0.2	1.20	< 2	40	0.5	< 2	0.29	< 0.5	6	30	7	1.72	10	1	0.07	< 10	0.41	155	
531-JC-098	201 229	< 1 < 0.2	0.93	< 2	30	0.5	< 2	0.26	< 0.5	5	24	5	1.28	< 10	1	0.07	< 10	0.28	145	
531-JC-099	201 229	< 1 < 0.2	1.29	< 2	40	0.5	< 2	0.37	< 0.5	6	34	8	1.68	10	< 1	0.09	10	0.50	195	
531-JC-100	201 229	286 < 0.2	1.22	< 2	30	0.5	< 2	0.17	< 0.5	8	31	11	2.02	< 10	< 1	0.03	< 10	0.26	110	
531-JC-101	201 229	1 < 0.2	1.30	4	30	0.5	< 2	0.19	< 0.5	6	29	9	1.81	< 10	< 1	0.05	< 10	0.37	140	
531-JC-102	201 229	9 < 0.2	2.07	< 2	60	0.5	< 2	0.18	< 0.5	7	37	20	2.16	10	< 1	0.06	< 10	0.37	120	
531-JC-103	201 229	15 < 0.2	0.92	< 2	30	0.5	< 2	0.26	< 0.5	3	23	7	1.07	< 10	< 1	0.06	10	0.30	105	
531-JC-104	201 229	< 1 < 0.2	1.31	< 2	40	0.5	< 2	0.17	< 0.5	7	33	8	2.12	< 10	< 1	0.07	< 10	0.28	110	
531-JC-105	201 229	1 < 0.2	1.79	< 2	110	0.5	< 2	0.64	< 0.5	6	38	18	1.97	10	1	0.15	10	0.54	300	
531-JC-106	201 229	9 < 0.2	1.29	6	30	0.5	< 2	0.27	< 0.5	8	39	10	1.93	< 10	< 1	0.05	< 10	0.43	130	
531-JC-107	217 229	2 < 0.2	2.32	6	130	0.5	< 2	0.33	< 0.5	23	97	19	2.72	10	< 1	0.16	10	0.70	1870	
531-JC-108	201 229	2 < 0.2	1.60	10	70	0.5	< 2	0.22	< 0.5	11	48	19	2.34	< 10	< 1	0.03	< 10	0.49	145	
531-JC-109	201 229	3 < 0.2	1.03	2	50	0.5	< 2	0.22	< 0.5	9	37	8	1.50	< 10	< 1	0.06	< 10	0.38	210	
531-JC-110	201 229	2 < 0.2	1.22	14	30	0.5	< 2	0.25	< 0.5	9	43	12	2.45	< 10	1	0.06	< 10	0.41	155	
531-JC-111	201 229	< 1 < 0.2	0.43	2	20	0.5	< 2	0.17	< 0.5	2	20	3	0.82	< 10	< 1	0.03	< 10	0.11	80	
531-JC-112	201 229	2 < 0.2	1.17	4	30	0.5	4	0.21	< 0.5	6	30	13	1.17	< 10	< 1	0.02	< 10	0.38	115	
531-JC-113	201 229	3 < 0.2	1.80	12	70	0.5	< 2	0.38	< 0.5	13	47	37	2.46	10	< 1	0.03	20	0.41	205	
531-JC-114	201 229	2 < 0.2	1.30	2	60	0.5	< 2	0.18	< 0.5	7	32	8	1.72	< 10	1	0.04	< 10	0.21	100	
531-JC-115	201 229	3 < 0.2	0.83	10	20	0.5	2	0.12	< 0.5	3	35	8	1.92	< 10	< 1	0.03	< 10	0.19	80	
531-JC-116	201 229	1 < 0.2	0.48	< 2	10	0.5	< 2	0.17	< 0.5	3	21	3	1.22	< 10	< 1	0.02	< 10	0.12	50	
531-JC-117	201 229	19 < 0.2	0.54	2	20	0.5	< 2	0.12	< 0.5	2	27	3	1.48	< 10	< 1	0.03	< 10	0.11	50	
531-JC-118	201 229	1 < 0.2	1.25	< 2	40	0.5	< 2	0.20	< 0.5	6	28	13	1.45	< 10	< 1	0.03	< 10	0.32	125	
531-JC-119	201 229	4 < 0.2	0.89	< 2	10	0.5	< 2	0.14	< 0.5	3	22	44	1.05	< 10	< 1	0.02	< 10	0.18	60	
531-JC-120	201 229	4 < 0.2	0.56	2	10	0.5	< 2	0.09	< 0.5	2	16	6	0.72	< 10	< 1	0.01	< 10	0.11	35	
531-JC-121	217 229	< 1 < 0.2	0.75	4	30	0.5	< 2	0.21	< 0.5	6	124	8	1.42	< 10	< 1	0.11	< 10	0.41	185	

CERTIFICATION: \_\_\_\_\_





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## CERTIFICATE OF ANALYSIS A9522646

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-082	201 229	1	0.01	29	320	16	< 2	5	21	0.08	< 10	< 10	68	< 10	50
531-JC-083	201 229	< 1	0.01	13	170	2	< 2	2	14	0.11	< 10	< 10	38	< 10	34
531-JC-084	201 229	< 1	< 0.01	17	440	4	< 2	2	12	0.10	< 10	< 10	39	< 10	88
531-JC-085	201 229	< 1	0.01	10	400	6	< 2	2	18	0.08	< 10	< 10	28	< 10	26
531-JC-086	201 229	< 1	0.01	7	180	< 2	< 2	1	18	0.08	< 10	< 10	22	< 10	22
531-JC-087	201 229	< 1	0.01	9	330	2	< 2	2	19	0.10	< 10	< 10	27	< 10	24
531-JC-088	201 229	< 1	0.01	10	140	2	< 2	2	17	0.08	< 10	< 10	28	< 10	26
531-JC-089	201 229	< 1	0.01	11	190	6	< 2	2	17	0.08	< 10	< 10	29	< 10	28
531-JC-090	201 229	< 1	0.01	9	510	2	< 2	1	10	0.06	< 10	< 10	23	< 10	14
531-JC-091	201 229	< 1	< 0.01	12	1000	6	< 2	1	12	0.07	< 10	< 10	32	< 10	40
531-JC-092	201 229	< 1	0.01	18	300	6	< 2	4	24	0.12	< 10	< 10	46	< 10	42
531-JC-093	201 229	< 1	0.01	15	350	4	< 2	3	22	0.11	< 10	< 10	36	< 10	30
531-JC-094	201 229	< 1	0.01	10	230	2	< 2	2	20	0.10	< 10	< 10	30	< 10	22
531-JC-095	201 229	< 1	< 0.01	8	290	2	< 2	1	12	0.09	< 10	< 10	27	< 10	22
531-JC-096	201 229	1	0.01	15	570	4	< 2	2	16	0.13	< 10	< 10	48	< 10	26
531-JC-097	201 229	< 1	0.01	12	270	4	< 2	2	20	0.12	< 10	< 10	38	< 10	44
531-JC-098	201 229	< 1	0.01	8	320	6	< 2	2	18	0.09	< 10	< 10	31	< 10	22
531-JC-099	201 229	< 1	0.02	13	240	4	< 2	3	28	0.14	< 10	< 10	39	< 10	34
531-JC-100	201 229	< 1	< 0.01	16	1070	2	< 2	1	9	0.06	< 10	< 10	36	< 10	30
531-JC-101	201 229	< 1	0.01	13	430	4	< 2	2	14	0.10	< 10	< 10	37	< 10	24
531-JC-102	201 229	< 1	0.01	17	860	2	< 2	2	12	0.09	< 10	< 10	43	< 10	36
531-JC-103	201 229	< 1	0.01	9	250	4	< 2	2	18	0.10	< 10	< 10	26	< 10	22
531-JC-104	201 229	< 1	< 0.01	14	1190	6	< 2	2	11	0.08	< 10	< 10	39	< 10	46
531-JC-105	201 229	< 1	0.01	20	450	8	< 2	4	21	0.08	< 10	< 10	39	< 10	34
531-JC-106	201 229	< 1	< 0.01	14	310	8	< 2	2	14	0.11	< 10	< 10	42	< 10	48
531-JC-107	217 229	< 1	0.02	31	280	8	< 2	4	19	0.09	< 10	< 10	54	< 10	50
531-JC-108	201 229	< 1	< 0.01	34	640	2	< 2	2	11	0.09	< 10	< 10	44	< 10	38
531-JC-109	201 229	< 1	< 0.01	20	200	4	< 2	2	13	0.10	< 10	< 10	32	< 10	48
531-JC-110	201 229	< 1	0.01	27	290	2	< 2	2	15	0.12	< 10	< 10	46	< 10	44
531-JC-111	201 229	< 1	< 0.01	6	110	2	< 2	1	11	0.07	< 10	< 10	19	< 10	18
531-JC-112	201 229	< 1	< 0.01	14	120	6	< 2	2	12	0.13	< 10	< 10	29	< 10	34
531-JC-113	201 229	< 1	0.01	88	350	8	< 2	3	19	0.09	< 10	< 10	46	< 10	32
531-JC-114	201 229	< 1	< 0.01	26	1180	2	< 2	1	10	0.08	< 10	< 10	31	< 10	40
531-JC-115	201 229	< 1	< 0.01	15	230	6	< 2	1	10	0.11	< 10	< 10	39	< 10	18
531-JC-116	201 229	< 1	< 0.01	8	710	2	< 2	1	9	0.07	< 10	< 10	24	< 10	10
531-JC-117	201 229	< 1	< 0.01	7	170	4	< 2	1	9	0.09	< 10	< 10	29	< 10	12
531-JC-118	201 229	1	< 0.01	15	420	< 2	< 2	1	11	0.09	< 10	< 10	29	< 10	18
531-JC-119	201 229	5	< 0.01	13	320	2	< 2	1	6	0.07	< 10	< 10	23	< 10	16
531-JC-120	201 229	< 1	< 0.01	6	160	2	< 2	< 1	5	0.06	< 10	< 10	19	< 10	6
531-JC-121	217 229	< 1	0.03	21	280	4	< 2	1	15	0.07	< 10	< 10	25	< 10	24

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
 PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 4-A  
 Total Pages : 4  
 Certificate Date: 02-AUG-95  
 Invoice No. : 19522646  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9522646

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-JC-122	201	229	3	< 0.2	1.27	12	40	0.5	< 2	0.24	< 0.5	7	32	13	1.63	< 10	< 1	0.02	< 10	0.49	115
531-JC-123	201	229	1	< 0.2	0.61	16	10	0.5	2	0.13	< 0.5	4	34	6	1.99	< 10	< 1	0.02	< 10	0.17	75
531-JC-124	201	229	3	< 0.2	0.98	< 2	20	0.5	< 2	0.18	< 0.5	6	37	13	1.99	< 10	< 1	0.03	< 10	0.27	95
531-JC-125	201	229	6	< 0.2	1.17	4	40	0.5	< 2	0.25	< 0.5	7	42	12	1.98	< 10	< 1	0.03	< 10	0.40	145
531-JC-126	201	229	2	< 0.2	0.58	4	30	0.5	2	0.25	< 0.5	3	25	6	0.99	< 10	< 1	0.02	< 10	0.19	110
531-JC-127	201	229	7	< 0.2	0.74	< 2	20	0.5	< 2	0.26	< 0.5	3	25	6	1.02	< 10	1	0.04	< 10	0.23	85
531-JC-128	201	229	2	< 0.2	0.80	< 2	20	0.5	< 2	0.37	< 0.5	6	31	8	1.29	< 10	< 1	0.04	< 10	0.40	140
531-JC-129	201	229	3	< 0.2	0.82	6	20	0.5	< 2	0.32	< 0.5	4	31	9	1.30	< 10	1	0.04	< 10	0.33	110

CERTIFICATION: \_\_\_\_\_



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Ontario, Canada L4W 2S3  
PHONE: 905-624-2806 FAX: 905-624-6163

To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
BALMERTOWN, ON  
P0V 1C0

Project : 531  
Comments: ATTN: STUART DEVEAU CC: JAYME D. CAMPBELL

Page Number : 4-B  
Total Pages : 4  
Certificate Date: 02-AUG-95  
Invoice No. : 19522646  
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Account : GKQ

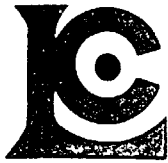
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### A9522646

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
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531-JC-123	201	229	< 1	< 0.01	14	130	6	< 2	1	9	0.13	< 10	< 10	42	< 10	12
531-JC-124	201	229	< 1	0.01	18	180	4	2	2	11	0.15	< 10	< 10	46	< 10	16
531-JC-125	201	229	< 1	< 0.01	30	200	4	2	2	13	0.13	< 10	< 10	44	< 10	28
531-JC-126	201	229	< 1	< 0.01	13	80	< 2	< 2	1	14	0.10	< 10	< 10	26	< 10	12
531-JC-127	201	229	< 1	0.01	11	240	4	2	1	16	0.10	< 10	< 10	25	< 10	14
531-JC-128	201	229	< 1	0.01	15	380	2	< 2	2	18	0.11	< 10	< 10	29	< 10	20
531-JC-129	201	229	< 1	0.01	16	420	< 2	< 2	2	17	0.11	< 10	< 10	29	< 10	18

CERTIFICATION:

*Handwritten signature*



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5175 Timberlea Blvd., Mississauga  
 Ontario, Canada L4W 2S3  
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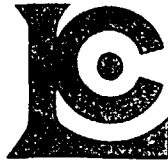
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-A  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523939  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523939

SAMPLE	PREP		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-JC-130	201	229	4	< 0.2	1.56	18	40	< 0.5	< 2	0.08	< 0.5	8	45	22	1.95	< 10	< 1	0.02	< 10	0.37	85
531-JC-131	201	229	3	< 0.2	2.16	12	50	< 0.5	< 2	0.09	< 0.5	11	56	36	2.18	< 10	< 1	0.04	< 10	0.43	105
531-JC-132	201	229	14	< 0.2	0.74	4	20	< 0.5	< 2	0.12	< 0.5	3	29	4	1.40	< 10	< 1	0.03	< 10	0.23	70
531-JC-133	201	229	6	< 0.2	0.80	6	30	< 0.5	< 2	0.17	< 0.5	4	42	4	1.60	< 10	< 1	0.06	< 10	0.30	115
531-JC-134	201	229	< 1	< 0.2	2.20	12	70	< 0.5	< 2	0.21	< 0.5	14	58	37	2.05	< 10	< 1	0.04	10	0.48	575
531-JC-135	217	229	5	< 0.2	0.94	20	70	< 0.5	< 2	0.45	< 0.5	6	118	29	1.20	< 10	< 1	0.07	< 10	0.34	235
531-JC-136	201	229	3	< 0.2	1.11	14	30	< 0.5	< 2	0.13	< 0.5	8	25	16	1.39	< 10	< 1	0.03	< 10	0.36	145
531-JC-137	201	229	8	< 0.2	1.21	12	40	< 0.5	< 2	0.19	< 0.5	7	49	6	2.03	< 10	< 1	0.09	< 10	0.54	210
531-JC-138	201	229	29	< 0.2	1.98	24	70	< 0.5	< 2	0.22	< 0.5	11	44	24	2.92	< 10	< 1	0.08	< 10	0.43	355
531-JC-139	201	229	20	< 0.2	0.53	8	10	< 0.5	< 2	0.12	< 0.5	3	35	4	1.17	< 10	< 1	0.02	< 10	0.29	90
531-JC-140	201	229	< 1	< 0.2	0.54	4	10	< 0.5	< 2	0.12	< 0.5	2	14	6	0.70	< 10	< 1	0.01	< 10	0.12	35
531-JC-141	201	229	< 1	< 0.2	0.23	2	< 10	< 0.5	< 2	0.04	< 0.5	< 1	7	1	0.26	< 10	< 1	< 0.01	< 10	0.06	15
531-JC-142	201	229	19	< 0.2	0.77	12	20	< 0.5	< 2	0.11	< 0.5	2	22	6	0.96	< 10	< 1	0.01	< 10	0.23	60
531-JC-143	201	229	< 1	< 0.2	1.15	4	20	< 0.5	< 2	0.16	< 0.5	4	28	5	1.72	< 10	< 1	0.04	< 10	0.28	105
531-JC-144	201	229	< 1	< 0.2	1.21	4	40	< 0.5	< 2	0.18	< 0.5	6	23	4	1.62	< 10	< 1	0.04	< 10	0.21	95
531-JC-145	201	229	< 1	< 0.2	0.32	4	10	< 0.5	< 2	0.07	< 0.5	1	7	2	0.28	< 10	< 1	0.02	< 10	0.09	20
531-JC-146	201	229	5	< 0.2	0.47	2	20	< 0.5	< 2	0.16	< 0.5	2	14	2	0.52	< 10	< 1	0.02	< 10	0.14	45
531-JC-147	201	229	1	< 0.2	1.34	12	40	< 0.5	< 2	0.16	< 0.5	4	33	11	1.28	< 10	< 1	0.02	< 10	0.20	150
531-JC-148	201	229	4	< 0.2	2.84	18	70	< 0.5	< 2	0.15	< 0.5	10	42	72	3.21	10	< 1	0.05	< 10	0.37	150
531-JC-149	201	229	1	< 0.2	2.25	12	70	< 0.5	< 2	0.38	< 0.5	20	52	28	2.16	< 10	< 1	0.04	10	0.66	840
531-JC-150	201	229	14	< 0.2	1.10	4	40	< 0.5	< 2	0.26	< 0.5	6	32	4	1.47	< 10	< 1	0.06	< 10	0.60	185
531-JC-151	201	229	< 1	< 0.2	1.63	4	70	< 0.5	< 2	0.27	< 0.5	8	37	8	1.99	< 10	< 1	0.16	< 10	0.60	230
531-JC-152	201	229	30	< 0.2	1.52	14	40	< 0.5	< 2	0.14	< 0.5	7	37	14	1.86	< 10	< 1	0.02	< 10	0.30	95
531-JC-153	201	229	120	< 0.2	0.74	4	20	< 0.5	< 2	0.23	< 0.5	3	21	3	0.92	< 10	< 1	0.02	< 10	0.33	85
531-JC-154	201	229	25	< 0.2	0.63	10	20	< 0.5	< 2	0.19	< 0.5	3	26	2	1.20	< 10	< 1	0.04	< 10	0.22	150
531-JC-155	201	229	3	< 0.2	1.21	8	40	< 0.5	< 2	0.16	< 0.5	4	33	8	1.70	< 10	< 1	0.02	< 10	0.27	105
531-JC-156	201	229	42	< 0.2	1.08	6	40	< 0.5	< 2	0.12	< 0.5	3	31	5	1.79	< 10	< 1	0.03	< 10	0.26	170
531-JC-157	201	229	< 1	< 0.2	0.91	4	30	< 0.5	< 2	0.18	< 0.5	3	25	5	1.03	< 10	< 1	0.05	< 10	0.32	90
531-JC-158	201	229	2	< 0.2	1.04	6	30	< 0.5	< 2	0.13	< 0.5	4	31	6	1.49	< 10	< 1	0.03	< 10	0.24	100
531-JC-159	201	229	4	< 0.2	0.73	4	20	< 0.5	< 2	0.10	< 0.5	2	24	6	1.23	< 10	< 1	0.02	< 10	0.18	50
531-JC-160	201	229	1	< 0.2	1.33	10	60	< 0.5	< 2	0.15	< 0.5	8	34	22	1.67	< 10	< 1	0.02	< 10	0.35	85
531-JC-161	201	229	1	< 0.2	1.90	12	60	< 0.5	< 2	0.16	< 0.5	17	488	9	2.03	< 10	< 1	0.08	< 10	1.42	125
531-JC-162	201	229	< 1	< 0.2	0.70	8	20	< 0.5	< 2	0.15	< 0.5	3	43	7	1.41	< 10	< 1	0.02	< 10	0.24	75
531-JC-163	201	229	2	< 0.2	2.73	8	40	< 0.5	< 2	0.50	< 0.5	20	671	27	2.98	< 10	< 1	0.06	< 10	2.40	220
531-JC-164	201	229	13	< 0.2	1.24	4	60	< 0.5	< 2	0.40	< 0.5	7	39	9	1.79	< 10	< 1	0.10	10	0.57	240
531-JC-165	201	229	3	< 0.2	2.37	20	100	0.5	< 2	0.43	< 0.5	15	65	36	3.09	< 10	< 1	0.15	20	0.73	355
531-JC-166	201	229	3	< 0.2	1.24	6	30	< 0.5	< 2	0.25	< 0.5	4	41	7	1.27	< 10	< 1	0.03	< 10	0.47	115
531-JC-167	201	229	9	< 0.2	0.75	24	160	< 0.5	< 2	0.16	< 0.5	5	37	8	1.51	< 10	< 1	0.06	< 10	0.26	1615
531-JC-168	201	229	6	< 0.2	2.86	18	100	0.5	< 2	0.18	< 0.5	19	249	72	3.27	< 10	< 1	0.03	< 10	0.76	390
531-JC-169	201	229	19	< 0.2	1.51	16	40	< 0.5	< 2	0.20	< 0.5	9	56	17	2.89	< 10	< 1	0.04	< 10	0.65	145

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

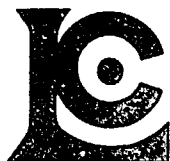
Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 1-B  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : I9523939  
 P.O. Number :  
 Account : GKQ

<b>CERTIFICATE OF ANALYSIS</b>	<b>A9523939</b>
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531-JC-130	201 229	< 1	< 0.01	31	320	6	< 2	1	6	0.08	< 10	< 10	46	< 10	26
531-JC-131	201 229	< 1	< 0.01	36	310	6	< 2	2	6	0.09	< 10	< 10	55	< 10	38
531-JC-132	201 229	< 1	< 0.01	13	100	4	< 2	1	10	0.07	< 10	< 10	33	< 10	14
531-JC-133	201 229	< 1	< 0.01	22	140	4	< 2	1	12	0.08	< 10	< 10	33	< 10	22
531-JC-134	201 229	< 1	< 0.01	62	310	8	< 2	2	12	0.07	< 10	< 10	40	10	56
531-JC-135	217 229	< 1	0.02	22	260	14	< 2	2	16	0.05	< 10	< 10	27	< 10	30
531-JC-136	201 229	< 1	< 0.01	24	290	4	< 2	1	7	0.07	< 10	< 10	30	< 10	34
531-JC-137	201 229	< 1	< 0.01	27	410	6	< 2	2	14	0.09	< 10	< 10	41	< 10	38
531-JC-138	201 229	< 1	< 0.01	29	1840	8	< 2	2	14	0.07	< 10	< 10	55	< 10	78
531-JC-139	201 229	< 1	< 0.01	16	80	2	< 2	1	9	0.07	< 10	< 10	27	< 10	16
531-JC-140	201 229	< 1	< 0.01	9	290	2	< 2	< 1	7	0.06	< 10	< 10	18	< 10	8
531-JC-141	201 229	< 1	< 0.01	2	30	2	< 2	< 1	3	0.04	< 10	< 10	10	< 10	4
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531-JC-143	201 229	< 1	< 0.01	12	410	4	< 2	1	10	0.06	< 10	< 10	36	< 10	22
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531-JC-145	201 229	< 1	< 0.01	3	90	4	< 2	< 1	5	0.04	< 10	< 10	7	< 10	6
531-JC-146	201 229	< 1	< 0.01	8	310	2	< 2	< 1	8	0.04	< 10	< 10	12	< 10	14
531-JC-147	201 229	< 1	< 0.01	28	640	4	< 2	1	10	0.07	< 10	< 10	25	< 10	30
531-JC-148	201 229	< 1	0.01	26	580	10	< 2	2	8	0.04	< 10	< 10	72	< 10	94
531-JC-149	201 229	< 1	< 0.01	42	290	4	< 2	3	19	0.10	< 10	< 10	44	< 10	60
531-JC-150	201 229	< 1	< 0.01	16	370	4	< 2	1	13	0.09	< 10	< 10	31	< 10	40
531-JC-151	201 229	< 1	< 0.01	18	430	8	< 2	2	17	0.09	< 10	< 10	38	< 10	44
531-JC-152	201 229	< 1	< 0.01	23	510	4	< 2	1	7	0.09	< 10	< 10	38	< 10	22
531-JC-153	201 229	< 1	< 0.01	10	390	2	< 2	1	12	0.08	< 10	< 10	23	< 10	14
531-JC-154	201 229	< 1	< 0.01	9	290	4	< 2	1	11	0.07	< 10	< 10	26	< 10	24
531-JC-155	201 229	< 1	< 0.01	14	620	4	< 2	1	10	0.08	< 10	< 10	36	< 10	22
531-JC-156	201 229	< 1	< 0.01	10	1140	4	< 2	1	8	0.06	< 10	< 10	34	< 10	58
531-JC-157	201 229	< 1	< 0.01	10	220	4	< 2	1	12	0.08	< 10	< 10	25	< 10	20
531-JC-158	201 229	< 1	< 0.01	13	350	4	< 2	1	8	0.08	< 10	< 10	29	< 10	18
531-JC-159	201 229	< 1	< 0.01	12	140	4	< 2	< 1	6	0.07	< 10	< 10	28	< 10	14
531-JC-160	201 229	< 1	< 0.01	28	250	4	< 2	1	9	0.08	< 10	< 10	39	< 10	24
531-JC-161	201 229	< 1	< 0.01	218	190	4	< 2	1	6	0.12	< 10	< 10	49	< 10	38
531-JC-162	201 229	< 1	< 0.01	19	190	6	< 2	1	10	0.10	< 10	< 10	37	< 10	14
531-JC-163	201 229	< 1	< 0.01	175	190	4	< 2	2	12	0.11	< 10	< 10	68	< 10	46
531-JC-164	201 229	< 1	< 0.01	20	440	4	< 2	2	21	0.11	< 10	< 10	41	< 10	32
531-JC-165	201 229	< 1	< 0.01	85	340	10	< 2	3	22	0.12	< 10	< 10	60	< 10	54
531-JC-166	201 229	< 1	< 0.01	22	160	6	< 2	1	15	0.11	< 10	< 10	29	< 10	24
531-JC-167	201 229	< 1	< 0.01	18	490	16	< 2	1	13	0.05	< 10	< 10	28	< 10	64
531-JC-168	201 229	< 1	< 0.01	121	900	14	< 2	1	8	0.05	< 10	< 10	56	< 10	130
531-JC-169	201 229	< 1	< 0.01	26	460	6	< 2	2	11	0.11	< 10	< 10	75	< 10	36

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 2-A  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523939  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523939

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-170	201 229	< 1	< 0.2	0.61	26	30	< 0.5	< 2	0.17	< 0.5	3	22	9	1.60	< 10	< 1	0.04	< 10	0.22	110
531-JC-171	201 229	12	< 0.2	0.95	18	30	< 0.5	< 2	0.19	< 0.5	5	35	14	1.85	< 10	< 1	0.03	< 10	0.27	115
531-JC-172	201 229	< 1	< 0.2	0.89	10	40	< 0.5	< 2	0.20	< 0.5	3	22	7	0.94	< 10	< 1	0.04	< 10	0.34	90
531-JC-173	201 229	14	< 0.2	1.63	24	60	< 0.5	< 2	0.26	< 0.5	11	41	19	2.35	< 10	< 1	0.11	< 10	0.47	225
531-JC-174	201 229	3	< 0.2	0.71	8	30	< 0.5	< 2	0.17	< 0.5	2	22	2	1.24	< 10	< 1	0.03	< 10	0.18	70
531-JC-175	201 229	1	< 0.2	0.60	2	20	< 0.5	< 2	0.24	< 0.5	2	20	3	1.01	< 10	< 1	0.04	< 10	0.23	65
531-JC-176	201 229	13	< 0.2	1.30	4	60	< 0.5	< 2	0.46	< 0.5	8	40	13	1.61	< 10	< 1	0.03	10	0.51	145
531-JC-177	201 229	< 1	< 0.2	1.30	4	70	< 0.5	< 2	0.47	< 0.5	8	38	12	1.67	< 10	< 1	0.08	10	0.62	325
531-JC-178	201 229	10	< 0.2	0.90	30	30	< 0.5	< 2	0.19	< 0.5	6	55	6	1.83	< 10	< 1	0.04	< 10	0.46	140
531-JC-179	201 229	< 1	< 0.2	1.28	12	50	< 0.5	< 2	0.20	< 0.5	6	32	7	1.62	< 10	< 1	0.04	< 10	0.34	150
531-JC-180	201 229	5	< 0.2	1.80	20	70	< 0.5	< 2	0.31	< 0.5	12	108	16	2.79	< 10	< 1	0.05	< 10	0.78	280
531-JC-181	217 229	< 1	< 0.2	3.06	12	140	0.5	< 2	0.44	< 0.5	17	68	24	3.36	< 10	< 1	0.45	10	1.12	605
531-JC-182	201 229	1	< 0.2	0.96	6	40	< 0.5	< 2	0.22	< 0.5	3	25	4	1.29	< 10	< 1	0.10	< 10	0.38	145
531-JC-183	217 229	< 1	< 0.2	2.29	8	110	< 0.5	< 2	0.36	< 0.5	14	62	15	2.60	< 10	< 1	0.33	10	0.86	515
531-JC-184	201 229	< 1	< 0.2	0.70	4	30	< 0.5	< 2	0.19	< 0.5	3	22	4	1.04	< 10	< 1	0.04	< 10	0.26	85
531-JC-185	201 229	12	< 0.2	0.91	6	40	< 0.5	< 2	0.28	< 0.5	4	23	6	1.24	< 10	< 1	0.11	10	0.37	135
531-JC-186	201 229	< 1	< 0.2	0.96	6	30	< 0.5	< 2	0.27	< 0.5	3	25	9	1.18	< 10	< 1	0.04	10	0.31	175
531-JC-187	201 229	< 1	< 0.2	1.03	2	20	< 0.5	< 2	0.31	< 0.5	3	26	3	1.27	< 10	< 1	0.06	< 10	0.41	135
531-JC-188	217 229	1	< 0.2	2.40	12	110	< 0.5	< 2	0.31	< 0.5	15	58	16	2.66	< 10	< 1	0.23	10	0.83	500
531-JC-189	201 229	< 1	< 0.2	0.92	8	20	< 0.5	< 2	0.22	< 0.5	5	31	6	1.58	< 10	< 1	0.03	< 10	0.21	85
531-JC-190	201 229	< 1	< 0.2	0.72	2	20	< 0.5	< 2	0.24	< 0.5	2	16	4	0.71	< 10	< 1	0.02	< 10	0.27	105
531-JC-191	201 229	6	< 0.2	1.61	8	100	< 0.5	< 2	0.62	< 0.5	5	36	11	1.91	< 10	< 1	0.13	20	0.57	210
531-JC-192	201 229	11	< 0.2	0.43	4	10	< 0.5	< 2	0.10	< 0.5	1	16	1	0.80	< 10	< 1	0.02	< 10	0.12	45
531-JC-193	201 229	< 1	< 0.2	1.19	6	40	< 0.5	< 2	0.13	< 0.5	4	19	4	1.28	< 10	< 1	0.03	< 10	0.20	85
531-JC-194	201 229	< 1	< 0.2	0.57	4	20	< 0.5	< 2	0.25	< 0.5	2	17	4	0.73	< 10	< 1	0.02	< 10	0.24	70
531-JC-195	201 229	14	< 0.2	1.08	8	30	< 0.5	< 2	0.15	< 0.5	5	29	6	1.36	< 10	< 1	0.03	< 10	0.41	125
531-JC-196	201 229	1	< 0.2	0.91	2	50	< 0.5	< 2	0.26	< 0.5	4	28	5	1.33	< 10	< 1	0.12	10	0.44	225
531-JC-197	201 229	< 1	< 0.2	1.20	4	90	< 0.5	< 2	0.32	< 0.5	6	31	12	1.56	< 10	< 1	0.18	10	0.50	370
531-JC-198	201 229	< 1	< 0.2	0.80	6	40	< 0.5	< 2	0.23	< 0.5	4	26	4	1.24	< 10	< 1	0.03	< 10	0.30	135
531-JC-199	201 229	< 1	< 0.2	0.67	2	30	< 0.5	< 2	0.23	< 0.5	3	22	3	1.00	< 10	< 1	0.05	< 10	0.32	130
531-JC-200	217 229	1	< 0.2	1.60	8	110	< 0.5	< 2	0.46	< 0.5	18	67	13	2.16	< 10	< 1	0.23	10	0.65	1130
531-JC-201	201 229	4	< 0.2	1.75	12	90	< 0.5	< 2	0.60	< 0.5	7	39	14	2.13	< 10	< 1	0.21	20	0.64	315
531-JC-202	201 229	2	< 0.2	1.13	4	60	< 0.5	< 2	0.44	< 0.5	5	32	10	1.58	< 10	< 1	0.11	10	0.43	180
531-JC-203	201 229	1	< 0.2	0.83	6	20	< 0.5	< 2	0.39	< 0.5	4	27	7	1.10	< 10	< 1	0.06	10	0.42	135
531-JC-204	201 229	4	< 0.2	0.75	8	30	< 0.5	< 2	0.28	< 0.5	4	34	8	1.11	< 10	< 1	0.05	20	0.31	100
531-JC-205	201 229	2	< 0.2	1.34	4	60	< 0.5	< 2	0.25	< 0.5	8	42	7	1.69	< 10	< 1	0.11	10	0.58	295
531-JC-206	201 229	3	< 0.2	1.17	12	70	< 0.5	< 2	0.20	< 0.5	9	40	12	1.76	< 10	< 1	0.04	< 10	0.46	340
531-JC-207	201 229	3	< 0.2	1.07	14	20	< 0.5	< 2	0.24	< 0.5	6	33	16	1.65	< 10	< 1	0.02	< 10	0.35	110
531-JC-208	201 229	2	< 0.2	0.74	8	30	< 0.5	< 2	0.17	< 0.5	3	38	3	1.47	< 10	< 1	0.03	< 10	0.34	95
531-JC-209	201 229	< 1	< 0.2	0.70	6	20	< 0.5	< 2	0.27	< 0.5	2	19	2	0.84	< 10	< 1	0.03	< 10	0.27	80

CERTIFICATION: \_\_\_\_\_



# Chemex Labs Ltd.

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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

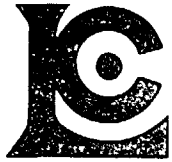
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 P.O. Number :  
 Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9523939

SAMPLE	PREP		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	CODE		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-JC-170	201	229	< 1	< 0.01	8	490	4	< 2	< 1	11	0.06	< 10	< 10	34	< 10	24
531-JC-171	201	229	< 1	< 0.01	21	830	4	< 2	1	9	0.07	< 10	< 10	33	< 10	22
531-JC-172	201	229	< 1	< 0.01	9	220	4	< 2	1	12	0.07	< 10	< 10	21	< 10	20
531-JC-173	201	229	< 1	< 0.01	33	570	6	< 2	2	17	0.08	< 10	< 10	45	10	32
531-JC-174	201	229	< 1	< 0.01	8	410	4	< 2	1	10	0.08	< 10	< 10	26	< 10	12
531-JC-175	201	229	< 1	< 0.01	8	450	2	< 2	1	13	0.07	< 10	< 10	24	< 10	14
531-JC-176	201	229	< 1	0.01	33	310	4	< 2	2	18	0.09	< 10	< 10	34	< 10	30
531-JC-177	201	229	< 1	0.01	20	390	4	< 2	3	25	0.10	< 10	< 10	38	< 10	32
531-JC-178	201	229	< 1	< 0.01	26	130	6	< 2	1	14	0.13	< 10	< 10	49	< 10	26
531-JC-179	201	229	< 1	< 0.01	17	400	6	< 2	1	14	0.09	< 10	< 10	34	< 10	28
531-JC-180	201	229	< 1	< 0.01	62	1150	6	< 2	2	18	0.09	< 10	< 10	56	< 10	46
531-JC-181	217	229	< 1	0.02	30	300	12	< 2	6	37	0.13	< 10	< 10	72	< 10	70
531-JC-182	201	229	< 1	< 0.01	11	200	4	< 2	1	16	0.07	< 10	< 10	29	< 10	24
531-JC-183	217	229	< 1	< 0.01	24	570	8	< 2	4	26	0.11	< 10	< 10	56	< 10	54
531-JC-184	201	229	< 1	< 0.01	10	350	4	< 2	1	10	0.07	< 10	< 10	23	< 10	20
531-JC-185	201	229	< 1	< 0.01	10	350	4	< 2	2	17	0.06	< 10	< 10	28	< 10	24
531-JC-186	201	229	< 1	< 0.01	10	660	4	< 2	1	14	0.07	< 10	< 10	27	< 10	20
531-JC-187	201	229	< 1	0.01	9	220	4	< 2	2	22	0.11	< 10	< 10	31	< 10	24
531-JC-188	217	229	< 1	0.02	22	220	10	< 2	4	29	0.11	< 10	< 10	58	< 10	48
531-JC-189	201	229	< 1	< 0.01	13	540	2	< 2	1	11	0.08	< 10	< 10	30	< 10	12
531-JC-190	201	229	< 1	< 0.01	7	320	2	< 2	1	11	0.07	< 10	< 10	19	< 10	20
531-JC-191	201	229	< 1	0.01	19	500	8	< 2	4	22	0.07	< 10	< 10	37	< 10	32
531-JC-192	201	229	< 1	< 0.01	4	50	4	< 2	< 1	8	0.07	< 10	< 10	21	< 10	8
531-JC-193	201	229	< 1	< 0.01	9	400	6	< 2	1	10	0.06	< 10	< 10	28	< 10	18
531-JC-194	201	229	< 1	< 0.01	6	460	2	< 2	1	13	0.06	< 10	< 10	20	< 10	10
531-JC-195	201	229	< 1	< 0.01	15	170	6	< 2	1	10	0.10	< 10	< 10	32	< 10	22
531-JC-196	201	229	< 1	< 0.01	12	200	4	< 2	2	15	0.08	< 10	< 10	30	< 10	30
531-JC-197	201	229	< 1	0.01	16	170	6	< 2	2	18	0.08	< 10	< 10	32	< 10	46
531-JC-198	201	229	< 1	< 0.01	11	310	4	< 2	1	13	0.08	< 10	< 10	31	< 10	28
531-JC-199	201	229	< 1	< 0.01	9	130	4	< 2	1	14	0.07	< 10	< 10	25	< 10	22
531-JC-200	217	229	< 1	0.02	21	280	10	< 2	3	24	0.11	< 10	< 10	50	< 10	60
531-JC-201	201	229	< 1	0.01	21	580	8	< 2	4	23	0.07	< 10	< 10	43	< 10	42
531-JC-202	201	229	< 1	< 0.01	17	600	6	< 2	2	20	0.07	< 10	< 10	35	< 10	28
531-JC-203	201	229	< 1	0.01	14	640	2	< 2	1	21	0.10	< 10	< 10	26	< 10	22
531-JC-204	201	229	< 1	< 0.01	18	200	4	< 2	1	12	0.09	< 10	< 10	27	< 10	20
531-JC-205	201	229	< 1	0.01	18	220	6	< 2	2	20	0.10	< 10	< 10	40	< 10	38
531-JC-206	201	229	< 1	< 0.01	34	420	6	< 2	1	13	0.07	< 10	< 10	33	< 10	70
531-JC-207	201	229	< 1	< 0.01	37	530	4	< 2	1	11	0.08	< 10	< 10	35	< 10	24
531-JC-208	201	229	< 1	< 0.01	14	180	4	< 2	1	13	0.09	< 10	< 10	37	< 10	18
531-JC-209	201	229	< 1	< 0.01	8	510	2	< 2	1	13	0.08	< 10	< 10	21	< 10	12

CERTIFICATION: \_\_\_\_\_



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Project : 531  
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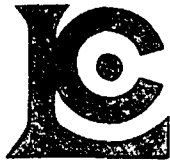
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Total Pages : 3  
Certificate Date: 15-AUG-95  
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## CERTIFICATE OF ANALYSIS A9523939

SAMPLE	PREP		Au	NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	CODE		ppb		ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%
531-JC-210	201	229	1	< 0.2	0.59	2	20	< 0.5	< 2	0.29	< 0.5	2	18	2	0.78	< 10	< 1	0.04	< 10	0.29	95	
531-JC-211	201	229	< 1	< 0.2	1.52	6	80	< 0.5	< 2	0.27	< 0.5	7	40	11	1.95	< 10	< 1	0.21	10	0.69	220	
531-JC-212	201	229	1	< 0.2	1.80	6	100	< 0.5	< 2	0.39	< 0.5	9	45	19	2.23	< 10	< 1	0.22	10	0.78	300	
531-JC-213	217	229	< 1	< 0.2	2.19	8	100	< 0.5	< 2	0.41	< 0.5	13	58	20	2.67	< 10	< 1	0.29	10	0.88	385	
531-JC-214	201	229	1	< 0.2	0.71	4	30	< 0.5	< 2	0.22	< 0.5	2	19	4	0.92	< 10	< 1	0.07	10	0.31	100	
531-JC-215	201	229	1	< 0.2	0.78	4	40	< 0.5	< 2	0.32	< 0.5	4	20	3	0.97	< 10	< 1	0.07	< 10	0.29	95	
531-JC-216	217	229	1	< 0.2	2.82	16	180	0.5	< 2	0.83	< 0.5	14	70	34	3.41	< 10	< 1	0.38	30	1.13	700	
531-JC-217	201	229	1	< 0.2	0.60	2	30	< 0.5	< 2	0.23	< 0.5	3	21	3	1.00	< 10	< 1	0.05	< 10	0.25	95	
531-JC-218	201	229	< 1	< 0.2	0.61	4	30	< 0.5	< 2	0.17	< 0.5	3	18	2	0.83	< 10	< 1	0.03	< 10	0.21	100	
531-JC-219	201	229	< 1	< 0.2	0.99	4	30	< 0.5	< 2	0.17	< 0.5	4	27	3	1.35	< 10	< 1	0.03	< 10	0.20	95	
531-JC-220	201	229	1	< 0.2	1.37	12	40	< 0.5	< 2	0.16	< 0.5	6	28	11	1.48	< 10	< 1	0.03	< 10	0.24	90	
531-JC-221	201	229	< 1	< 0.2	0.53	2	10	< 0.5	< 2	0.15	< 0.5	1	14	1	0.65	< 10	< 1	0.03	< 10	0.20	50	
531-JC-222	201	229	< 1	< 0.2	0.85	4	30	< 0.5	< 2	0.18	< 0.5	3	25	3	1.22	< 10	< 1	0.07	< 10	0.32	120	
531-JC-223	201	229	23	< 0.2	0.54	4	20	< 0.5	< 2	0.18	< 0.5	2	21	2	1.06	< 10	< 1	0.04	< 10	0.24	95	
531-JC-224	201	229	< 1	< 0.2	0.55	2	20	< 0.5	< 2	0.21	< 0.5	2	19	2	0.89	< 10	< 1	0.05	< 10	0.26	90	
531-JC-225	201	229	< 1	< 0.2	1.36	2	80	< 0.5	< 2	0.36	< 0.5	7	35	11	1.79	< 10	< 1	0.19	10	0.58	295	
531-JC-226	201	229	< 1	< 0.2	0.62	2	40	< 0.5	< 2	0.25	< 0.5	3	22	2	0.98	< 10	< 1	0.08	< 10	0.31	275	
531-JC-227	217	229	< 1	< 0.2	2.21	32	110	< 0.5	< 2	0.42	< 0.5	14	72	16	2.56	< 10	< 1	0.31	10	0.85	480	
531-JC-228	201	229	3	< 0.2	0.70	6	20	< 0.5	< 2	0.20	< 0.5	2	20	2	1.07	< 10	< 1	0.03	< 10	0.22	80	
531-JC-229	201	229	2	< 0.2	1.19	6	50	< 0.5	< 2	0.33	< 0.5	6	31	7	1.53	< 10	1	0.10	10	0.53	355	
531-JC-230	201	229	< 1	< 0.2	0.88	6	30	< 0.5	< 2	0.23	< 0.5	5	38	6	1.10	< 10	< 1	0.04	< 10	0.44	105	
531-JC-231A	217	229	< 1	< 0.2	2.25	8	130	< 0.5	< 2	0.37	< 0.5	22	63	11	2.63	< 10	< 1	0.31	10	0.86	1285	
531-JC-231B	201	229	2	< 0.2	0.92	8	40	< 0.5	< 2	0.18	< 0.5	4	29	3	1.64	< 10	< 1	0.07	< 10	0.28	90	
531-JC-232	201	229	2	< 0.2	0.71	2	40	< 0.5	< 2	0.23	< 0.5	3	21	3	1.11	< 10	< 1	0.07	< 10	0.35	150	
531-JC-233	201	229	< 1	< 0.2	0.54	2	30	< 0.5	< 2	0.16	< 0.5	2	15	1	0.69	< 10	< 1	0.03	< 10	0.21	90	
531-JC-234	201	229	2	< 0.2	2.48	10	160	0.5	< 2	0.69	< 0.5	10	52	23	2.75	< 10	< 1	0.30	30	0.86	335	
531-JC-235	217	229	< 1	< 0.2	1.41	8	100	< 0.5	< 2	0.34	< 0.5	16	82	9	2.08	< 10	< 1	0.19	10	0.60	1155	
531-JC-236	201	229	< 1	< 0.2	0.79	4	20	< 0.5	< 2	0.18	< 0.5	3	18	2	0.94	< 10	< 1	0.02	< 10	0.24	70	
531-JC-237	217	229	< 1	< 0.2	1.09	6	50	< 0.5	< 2	0.28	< 0.5	6	150	4	1.76	< 10	< 1	0.14	< 10	0.58	205	
531-JC-238	201	229	1	< 0.2	0.33	4	20	< 0.5	< 2	0.08	< 0.5	1	15	2	0.83	< 10	< 1	0.02	< 10	0.08	70	
531-JC-239	201	229	7	< 0.2	0.58	4	20	< 0.5	< 2	0.18	< 0.5	3	16	3	0.81	< 10	< 1	0.01	< 10	0.19	110	
531-JC-240	201	229	1	< 0.2	1.72	30	70	< 0.5	< 2	0.17	< 0.5	12	42	14	2.47	< 10	< 1	0.03	< 10	0.41	135	
531-JC-241	201	229	1	< 0.2	0.37	2	10	< 0.5	< 2	0.23	< 0.5	1	11	1	0.52	< 10	< 1	0.01	< 10	0.12	60	
531-JC-242	201	229	1	< 0.2	1.22	4	70	< 0.5	< 2	0.51	< 0.5	5	29	5	1.52	< 10	< 1	0.08	10	0.35	140	
531-JC-243	201	229	< 1	< 0.2	1.27	8	30	< 0.5	< 2	0.19	< 0.5	6	37	7	2.32	< 10	< 1	0.05	< 10	0.36	155	
531-JC-244	201	229	11	< 0.2	0.95	8	30	< 0.5	< 2	0.17	< 0.5	3	22	4	1.41	< 10	< 1	0.04	< 10	0.25	110	
531-JC-245	217	229	2	< 0.2	4.31	16	220	0.5	< 2	0.81	< 0.5	14	72	53	4.00	10	< 1	0.27	30	1.11	565	
531-JC-246	217	229	1	< 0.2	2.79	8	190	0.5	< 2	0.97	< 0.5	11	55	36	2.81	< 10	< 1	0.25	20	0.59	705	
531-JC-247B	201	229	< 1	< 0.2	0.86	< 2	20	< 0.5	< 2	0.27	< 0.5	3	26	5	1.27	< 10	< 1	0.07	< 10	0.42	125	

CERTIFICATION: \_\_\_\_\_





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 5175 Timberlea Blvd., Mississauga  
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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
 BALMERTOWN, ON  
 P0V 1C0

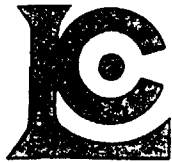
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 3-B  
 Total Pages : 3  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523939  
 P.O. Number :  
 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523939

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
531-JC-210	201 229	< 1	0.01	7	430	2	< 2	1	15	0.07	< 10	< 10	19	< 10	16
531-JC-211	201 229	< 1	0.01	19	200	6	< 2	3	21	0.08	< 10	< 10	40	< 10	42
531-JC-212	201 229	< 1	0.01	21	370	8	< 2	3	25	0.09	< 10	< 10	45	< 10	48
531-JC-213	217 229	< 1	0.01	25	430	10	< 2	4	28	0.10	< 10	< 10	55	< 10	56
531-JC-214	201 229	< 1	< 0.01	8	230	4	< 2	1	14	0.06	< 10	< 10	21	< 10	22
531-JC-215	201 229	< 1	< 0.01	8	120	6	< 2	1	15	0.07	< 10	< 10	24	< 10	22
531-JC-216	217 229	< 1	0.03	42	450	12	< 2	7	37	0.09	< 10	< 10	74	< 10	74
531-JC-217	201 229	< 1	< 0.01	8	280	4	< 2	1	12	0.06	< 10	< 10	24	< 10	18
531-JC-218	201 229	< 1	< 0.01	6	180	2	< 2	1	12	0.07	< 10	< 10	20	< 10	22
531-JC-219	201 229	< 1	< 0.01	13	880	2	< 2	1	9	0.07	< 10	< 10	28	< 10	22
531-JC-220	201 229	< 1	< 0.01	21	490	4	< 2	1	9	0.07	< 10	< 10	30	< 10	26
531-JC-221	201 229	< 1	< 0.01	4	300	4	< 2	< 1	8	0.06	< 10	< 10	17	< 10	10
531-JC-222	201 229	< 1	0.01	9	260	2	< 2	1	11	0.07	< 10	< 10	27	< 10	20
531-JC-223	201 229	< 1	< 0.01	7	370	2	< 2	1	8	0.04	< 10	< 10	24	< 10	16
531-JC-224	201 229	< 1	< 0.01	7	360	4	< 2	1	10	0.06	< 10	< 10	21	< 10	16
531-JC-225	201 229	< 1	< 0.01	17	230	6	< 2	3	18	0.08	< 10	< 10	35	< 10	38
531-JC-226	201 229	< 1	< 0.01	9	110	2	< 2	1	12	0.08	< 10	< 10	24	< 10	20
531-JC-227	217 229	< 1	0.02	22	250	8	< 2	4	28	0.12	< 10	< 10	59	< 10	50
531-JC-228	201 229	< 1	< 0.01	7	550	4	< 2	1	13	0.07	< 10	< 10	24	< 10	16
531-JC-229	201 229	< 1	0.01	12	360	6	< 2	2	23	0.09	< 10	< 10	35	< 10	32
531-JC-230	201 229	< 1	< 0.01	16	330	4	< 2	1	11	0.09	< 10	< 10	28	< 10	26
531-JC-231A	217 229	< 1	0.01	24	250	12	< 2	4	29	0.12	< 10	< 10	61	< 10	58
531-JC-231B	201 229	< 1	< 0.01	9	1560	4	< 2	1	8	0.04	< 10	< 10	30	< 10	46
531-JC-232	201 229	< 1	< 0.01	9	340	4	< 2	1	12	0.05	< 10	< 10	24	< 10	22
531-JC-233	201 229	< 1	< 0.01	6	120	2	< 2	< 1	10	0.05	< 10	< 10	17	< 10	16
531-JC-234	201 229	< 1	0.01	27	370	8	< 2	6	26	0.09	< 10	< 10	56	< 10	62
531-JC-235	217 229	< 1	0.02	19	230	8	< 2	3	22	0.10	< 10	< 10	48	< 10	44
531-JC-236	201 229	< 1	< 0.01	8	290	4	< 2	1	11	0.09	< 10	< 10	25	< 10	18
531-JC-237	217 229	< 1	0.04	21	340	4	< 2	1	21	0.09	< 10	< 10	33	< 10	32
531-JC-238	201 229	< 1	< 0.01	3	80	4	< 2	< 1	6	0.06	< 10	< 10	24	< 10	14
531-JC-239	201 229	< 1	< 0.01	7	80	2	< 2	< 1	6	0.06	< 10	< 10	20	< 10	14
531-JC-240	201 229	< 1	< 0.01	47	310	4	< 2	1	9	0.09	< 10	< 10	49	< 10	30
531-JC-241	201 229	< 1	< 0.01	4	280	2	< 2	< 1	5	0.03	< 10	< 10	13	< 10	12
531-JC-242	201 229	< 1	< 0.01	12	250	4	< 2	2	14	0.07	< 10	< 10	30	< 10	26
531-JC-243	201 229	< 1	< 0.01	14	1060	4	< 2	1	12	0.08	< 10	< 10	40	< 10	46
531-JC-244	201 229	< 1	< 0.01	8	650	6	< 2	1	15	0.07	< 10	< 10	30	< 10	28
531-JC-245	217 229	< 1	0.01	37	290	14	< 2	7	37	0.11	< 10	< 10	80	< 10	82
531-JC-246	217 229	< 1	0.01	28	190	12	< 2	5	20	0.05	< 10	< 10	48	< 10	62
531-JC-247B	201 229	< 1	0.01	10	480	2	< 2	1	14	0.06	< 10	< 10	25	< 10	24

CERTIFICATION: \_\_\_\_\_



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To: PLACER DOME CANADA LIMITED

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Page Number : 1-A  
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 Certificate Date: 15-AUG-95  
 Invoice No. : 19523940  
 P.O. Number :  
 Account : GKQ

Project : 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

## CERTIFICATE OF ANALYSIS A9523940

SAMPLE	PREP CODE		Au NAA	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
			ppb	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	%	ppm	%	ppm
531-JC-249	201	229	< 1	< 0.2	0.75	4	60	< 0.5	< 2	0.21	< 0.5	3	19	3	0.97	< 10	< 1	0.10	< 10	0.33	185
531-JC-250	201	229	< 1	< 0.2	1.01	4	40	< 0.5	< 2	0.35	< 0.5	4	29	6	1.49	< 10	< 1	0.11	10	0.49	205
531-JC-251	201	229	1	< 0.2	0.88	4	40	< 0.5	< 2	0.21	< 0.5	6	24	4	1.18	< 10	< 1	0.12	< 10	0.36	290
531-JC-252	201	229	12	< 0.2	0.69	4	30	< 0.5	< 2	0.21	< 0.5	3	22	2	1.13	< 10	< 1	0.05	< 10	0.28	110
531-JC-253	201	229	12	< 0.2	0.86	8	20	< 0.5	< 2	0.17	< 0.5	3	36	3	1.70	< 10	< 1	0.03	< 10	0.23	140
531-JC-254	201	229	< 1	< 0.2	1.13	2	90	< 0.5	< 2	1.14	< 0.5	6	31	13	1.63	< 10	< 1	0.10	20	0.64	235
531-JC-255	217	229	2	< 0.2	2.59	12	140	0.5	< 2	0.73	< 0.5	13	61	21	3.21	< 10	< 1	0.42	10	0.91	615
531-JC-256	201	229	9	< 0.2	0.65	2	20	< 0.5	< 2	0.24	< 0.5	2	22	2	1.22	< 10	< 1	0.03	< 10	0.19	65
531-JC-257	201	229	1	< 0.2	0.64	2	20	< 0.5	< 2	0.20	< 0.5	3	35	2	1.03	< 10	< 1	0.02	< 10	0.28	95
531-JC-258	201	229	3	< 0.2	1.36	18	30	< 0.5	< 2	0.14	< 0.5	5	37	9	2.26	< 10	< 1	0.03	< 10	0.28	105
531-JC-259	201	229	8	< 0.2	1.25	10	40	< 0.5	< 2	0.15	< 0.5	5	33	5	1.86	< 10	< 1	0.06	< 10	0.29	140
531-JC-260	201	229	380	< 0.2	1.00	14	40	< 0.5	< 2	0.13	< 0.5	3	26	4	1.78	< 10	< 1	0.05	< 10	0.22	95
531-JC-261	201	229	7	< 0.2	1.69	20	40	< 0.5	< 2	0.18	< 0.5	7	38	21	2.40	< 10	< 1	0.04	< 10	0.47	140
531-JC-262	201	229	2	< 0.2	1.22	10	40	< 0.5	< 2	0.16	< 0.5	5	24	12	1.47	< 10	< 1	0.02	< 10	0.29	90
531-JC-263	201	229	1	< 0.2	0.83	4	20	< 0.5	< 2	0.14	< 0.5	2	17	4	0.92	< 10	< 1	0.02	< 10	0.17	50
531-JC-264	201	229	< 1	< 0.2	0.92	2	40	< 0.5	< 2	0.14	< 0.5	3	23	4	1.23	< 10	< 1	0.08	< 10	0.35	160
531-JC-265	201	229	3	< 0.2	0.84	6	20	< 0.5	< 2	0.11	< 0.5	2	17	2	1.15	< 10	< 1	0.02	< 10	0.15	55
531-JC-266	201	229	1	< 0.2	1.05	2	70	< 0.5	< 2	0.20	< 0.5	9	23	7	1.26	< 10	< 1	0.10	< 10	0.32	755
531-JC-267	201	229	2	< 0.2	1.76	8	140	< 0.5	< 2	0.77	< 0.5	7	39	31	2.26	< 10	< 1	0.20	30	0.71	200
531-JC-268	201	229	2	< 0.2	0.68	2	40	< 0.5	< 2	0.29	< 0.5	2	18	4	0.92	< 10	< 1	0.08	10	0.27	85
531-JC-269	201	229	< 1	< 0.2	0.77	2	40	< 0.5	< 2	0.24	< 0.5	3	20	4	0.98	< 10	< 1	0.10	< 10	0.33	160
531-JC-270	201	229	< 1	< 0.2	1.40	6	70	< 0.5	< 2	0.34	< 0.5	7	34	8	1.82	< 10	< 1	0.22	10	0.60	475
531-JC-271	201	229	2	< 0.2	0.80	6	30	< 0.5	< 2	0.32	< 0.5	4	26	7	1.29	< 10	< 1	0.07	< 10	0.33	130
531-JC-272	201	229	1	< 0.2	0.67	4	20	< 0.5	< 2	0.20	< 0.5	3	21	2	0.98	< 10	< 1	0.06	< 10	0.28	100
531-JC-273	201	229	2	< 0.2	1.09	12	40	< 0.5	< 2	0.15	< 0.5	4	33	8	1.98	< 10	< 1	0.04	< 10	0.30	115
531-JC-274	201	229	38	< 0.2	0.56	2	10	< 0.5	< 2	0.17	< 0.5	1	13	2	0.64	< 10	< 1	0.02	< 10	0.16	45
531-JC-275	201	229	8	< 0.2	0.55	6	30	< 0.5	< 2	0.18	< 0.5	2	25	2	1.30	< 10	< 1	0.03	< 10	0.21	180
531-JC-276	201	229	< 1	< 0.2	1.73	14	60	< 0.5	< 2	0.19	< 0.5	6	37	11	2.47	< 10	< 1	0.04	< 10	0.44	170
531-JC-277	201	229	46	< 0.2	0.93	2	10	< 0.5	< 2	0.22	< 0.5	3	23	2	1.56	< 10	< 1	0.02	< 10	0.12	55
531-JC-278	201	229	1	< 0.2	1.52	10	30	< 0.5	< 2	0.16	< 0.5	6	34	10	2.25	< 10	< 1	0.03	< 10	0.30	105
531-JC-279	201	229	3	< 0.2	0.72	4	10	< 0.5	< 2	0.18	< 0.5	2	24	1	1.35	< 10	< 1	0.06	< 10	0.19	60
531-JC-280	217	229	2	< 0.2	2.08	10	100	< 0.5	< 2	0.42	< 0.5	9	69	16	2.51	< 10	< 1	0.30	10	0.72	270
531-JC-281	201	229	< 1	< 0.2	0.73	2	20	< 0.5	< 2	0.15	< 0.5	1	17	2	0.95	< 10	< 1	0.03	< 10	0.19	60
531-JC-282	201	229	3	< 0.2	0.77	4	20	< 0.5	< 2	0.26	< 0.5	3	25	6	1.06	< 10	< 1	0.06	< 10	0.33	80
531-JC-283	201	229	< 1	< 0.2	0.69	2	30	< 0.5	< 2	0.19	< 0.5	3	19	7	0.92	< 10	< 1	0.04	< 10	0.28	120
531-JC-284	201	229	1	< 0.2	0.59	4	20	< 0.5	< 2	0.22	< 0.5	2	20	3	0.78	< 10	< 1	0.06	< 10	0.26	90
531-JC-285	201	229	15	< 0.2	0.69	2	20	< 0.5	< 2	0.23	< 0.5	2	30	3	1.32	< 10	< 1	0.03	< 10	0.25	90
531-JC-286	201	229	4	< 0.2	0.67	4	10	< 0.5	< 2	0.32	< 0.5	4	34	8	1.06	< 10	< 1	0.03	10	0.25	70
531-JC-287	201	229	3	< 0.2	0.88	4	20	< 0.5	< 2	0.39	< 0.5	7	37	10	1.40	< 10	< 1	0.06	10	0.41	135
531-JC-288	201	229	< 1	< 0.2	2.68	4	60	< 0.5	< 2	0.26	< 0.5	8	45	67	2.10	< 10	< 1	0.16	10	0.57	165

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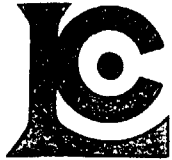
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Page Number : 1-B  
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 Certificate Date: 15-AUG-95  
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<b>CERTIFICATE OF ANALYSIS</b>	<b>A9523940</b>
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531-JC-249	201	229	< 1	< 0.01	8	210	4	< 2	1	15	0.06	< 10	< 10	21	< 10	30
531-JC-250	201	229	< 1	0.01	11	550	4	< 2	2	20	0.09	< 10	< 10	31	10	32
531-JC-251	201	229	< 1	< 0.01	10	290	4	< 2	1	14	0.07	< 10	< 10	27	< 10	32
531-JC-252	201	229	< 1	< 0.01	8	270	4	< 2	1	13	0.07	< 10	< 10	26	< 10	20
531-JC-253	201	229	< 1	< 0.01	15	830	4	< 2	1	9	0.06	< 10	< 10	31	< 10	34
531-JC-254	201	229	< 1	0.02	17	630	4	< 2	2	23	0.09	< 10	< 10	30	< 10	32
531-JC-255	217	229	< 1	0.02	25	210	12	< 2	5	30	0.07	< 10	< 10	57	< 10	62
531-JC-256	201	229	< 1	< 0.01	7	500	2	< 2	< 1	12	0.07	< 10	< 10	27	< 10	12
531-JC-257	201	229	< 1	< 0.01	11	270	2	< 2	1	11	0.07	< 10	< 10	24	< 10	18
531-JC-258	201	229	< 1	< 0.01	18	670	6	< 2	1	9	0.09	< 10	< 10	43	< 10	28
531-JC-259	201	229	< 1	< 0.01	14	1000	6	< 2	1	10	0.07	< 10	< 10	33	< 10	34
531-JC-260	201	229	< 1	< 0.01	10	950	6	< 2	1	10	0.06	< 10	< 10	31	< 10	30
531-JC-261	201	229	< 1	< 0.01	21	830	6	< 2	1	13	0.10	< 10	< 10	49	< 10	32
531-JC-262	201	229	< 1	< 0.01	15	350	4	< 2	1	11	0.09	< 10	< 10	33	< 10	22
531-JC-263	201	229	< 1	< 0.01	6	180	4	< 2	< 1	10	0.07	< 10	< 10	22	< 10	14
531-JC-264	201	229	< 1	< 0.01	10	160	4	< 2	1	11	0.06	< 10	< 10	26	< 10	22
531-JC-265	201	229	< 1	< 0.01	6	350	4	< 2	< 1	7	0.06	< 10	< 10	25	< 10	12
531-JC-266	201	229	< 1	< 0.01	10	340	4	< 2	1	13	0.05	< 10	< 10	26	< 10	34
531-JC-267	201	229	< 1	0.01	24	490	8	< 2	4	19	0.07	< 10	< 10	36	< 10	54
531-JC-268	201	229	< 1	< 0.01	9	460	4	< 2	1	11	0.05	< 10	< 10	19	< 10	16
531-JC-269	201	229	< 1	0.01	8	240	2	< 2	1	16	0.08	< 10	< 10	22	< 10	22
531-JC-270	201	229	< 1	0.01	14	180	6	< 2	2	25	0.11	< 10	< 10	38	10	36
531-JC-271	201	229	< 1	< 0.01	12	500	2	< 2	1	12	0.07	< 10	< 10	28	< 10	18
531-JC-272	201	229	< 1	< 0.01	7	140	2	< 2	1	13	0.08	< 10	< 10	23	< 10	18
531-JC-273	201	229	< 1	< 0.01	16	740	6	< 2	1	11	0.07	< 10	< 10	37	< 10	24
531-JC-274	201	229	< 1	< 0.01	6	380	2	< 2	< 1	9	0.07	< 10	< 10	16	< 10	8
531-JC-275	201	229	< 1	< 0.01	7	230	4	< 2	< 1	13	0.07	< 10	< 10	27	< 10	18
531-JC-276	201	229	< 1	< 0.01	16	190	6	< 2	1	14	0.11	< 10	< 10	55	< 10	32
531-JC-277	201	229	< 1	< 0.01	10	1060	2	< 2	< 1	10	0.07	< 10	< 10	30	< 10	8
531-JC-278	201	229	< 1	< 0.01	15	360	4	< 2	1	11	0.10	< 10	< 10	45	< 10	22
531-JC-279	201	229	< 1	< 0.01	6	440	2	< 2	< 1	9	0.09	< 10	< 10	33	< 10	18
531-JC-280	217	229	< 1	0.02	19	350	8	< 2	4	25	0.10	< 10	< 10	50	< 10	42
531-JC-281	201	229	< 1	< 0.01	6	270	4	< 2	< 1	9	0.07	< 10	< 10	22	< 10	14
531-JC-282	201	229	< 1	< 0.01	15	570	4	< 2	1	10	0.07	< 10	< 10	24	< 10	18
531-JC-283	201	229	< 1	< 0.01	10	220	4	< 2	1	11	0.06	< 10	< 10	21	< 10	18
531-JC-284	201	229	< 1	< 0.01	8	490	2	< 2	1	11	0.06	< 10	< 10	19	< 10	14
531-JC-285	201	229	< 1	< 0.01	16	400	4	< 2	1	13	0.08	< 10	< 10	32	< 10	18
531-JC-286	201	229	< 1	< 0.01	22	300	2	< 2	1	14	0.09	< 10	< 10	24	< 10	20
531-JC-287	201	229	< 1	0.01	25	600	4	< 2	1	15	0.09	< 10	< 10	32	< 10	50
531-JC-288	201	229	< 1	0.01	38	160	6	< 2	3	18	0.12	< 10	< 10	40	< 10	200

CERTIFICATION: Stuart Deveau



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Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

Page Number : 2-A  
 Total Pages : 4  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523940  
 P.O. Number :  
 Account : GK0

## CERTIFICATE OF ANALYSIS A9523940

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-289	201 229	45	1.6	1.84	404	140	< 0.5	< 2	0.10	< 0.5	6	75	59	12.25	10	1	0.15	< 10	0.62	170
531-JC-290	201 229	< 1	< 0.2	1.20	< 2	40	< 0.5	< 2	0.27	< 0.5	7	39	8	1.86	< 10	< 1	0.09	10	0.47	165
531-JC-291	201 229	< 1	< 0.2	1.46	< 2	40	< 0.5	< 2	0.22	< 0.5	11	33	12	1.62	< 10	< 1	0.07	10	0.50	320
531-JC-292	201 229	5	< 0.2	1.14	8	20	< 0.5	< 2	0.27	< 0.5	8	44	8	1.45	< 10	< 1	0.03	10	0.52	160
531-JC-293	201 229	6	< 0.2	3.19	50	200	0.5	< 2	1.08	< 0.5	33	57	42	14.05	10	2	0.05	30	0.99	4820
531-JC-294	201 229	< 1	< 0.2	2.23	14	40	< 0.5	2	0.20	< 0.5	14	44	26	2.78	< 10	1	0.04	10	0.91	215
531-JC-295	201 229	1	< 0.2	1.77	6	70	< 0.5	< 2	0.30	< 0.5	12	44	12	2.67	< 10	< 1	0.04	10	0.62	655
531-JC-296	201 229	6	< 0.2	1.48	20	50	< 0.5	< 2	0.19	< 0.5	14	107	13	2.60	< 10	< 1	0.03	< 10	0.53	230
531-JC-297	201 229	4	< 0.2	2.28	8	70	< 0.5	< 2	0.26	< 0.5	19	97	56	3.12	< 10	1	0.04	10	0.91	180
531-JC-298	201 229	1	< 0.2	3.85	14	60	0.5	< 2	0.21	< 0.5	29	261	58	4.89	< 10	1	0.06	10	1.78	325
531-JC-299	201 229	11	< 0.2	2.33	16	90	0.5	< 2	0.25	< 0.5	18	56	76	4.08	10	1	0.09	10	0.54	315
531-JC-300	201 229	1	< 0.2	0.72	2	20	< 0.5	< 2	0.20	< 0.5	4	40	6	1.78	< 10	< 1	0.03	10	0.21	125
531-JC-301	201 229	1	< 0.2	1.19	2	50	< 0.5	< 2	0.27	< 0.5	6	29	11	1.50	< 10	1	0.12	10	0.42	165
531-JC-302	201 229	< 1	< 0.2	0.94	4	40	< 0.5	< 2	0.22	< 0.5	4	25	7	1.26	< 10	< 1	0.12	10	0.38	225
531-JC-303	201 229	< 1	< 0.2	1.10	2	60	< 0.5	< 2	0.42	< 0.5	7	42	13	1.57	< 10	1	0.11	20	0.48	185
531-JC-304	201 229	< 1	< 0.2	1.97	< 2	80	0.5	< 2	0.28	< 0.5	10	46	15	2.30	< 10	1	0.16	10	0.63	250
531-JC-305	201 229	< 1	< 0.2	1.29	< 2	90	0.5	< 2	0.64	< 0.5	8	35	27	1.73	< 10	< 1	0.10	30	0.48	185
531-JC-306	201 229	6	< 0.2	0.82	8	10	< 0.5	< 2	0.22	< 0.5	5	30	6	1.44	< 10	< 1	0.05	10	0.25	100
531-JC-307	201 229	2	< 0.2	0.96	4	30	< 0.5	< 2	0.13	< 0.5	4	27	5	1.54	< 10	< 1	0.04	< 10	0.21	90
531-JC-308	201 229	2	< 0.2	0.66	8	40	< 0.5	< 2	0.17	< 0.5	2	24	2	1.36	< 10	< 1	0.03	< 10	0.12	75
531-JC-309	201 229	< 1	< 0.2	0.91	2	30	< 0.5	< 2	0.21	< 0.5	6	26	4	1.22	< 10	< 1	0.11	10	0.38	155
531-JC-310	217 229	1	0.2	3.11	< 2	150	0.5	2	0.42	< 0.5	14	68	32	3.45	10	1	0.39	20	1.07	420
531-JC-311	217 229	< 1	< 0.2	2.33	6	120	0.5	< 2	0.48	< 0.5	15	67	17	2.62	< 10	1	0.38	20	0.85	595
531-JC-312	201 229	1	< 0.2	1.16	8	60	< 0.5	< 2	0.42	< 0.5	6	28	9	1.63	< 10	< 1	0.13	10	0.39	170
531-JC-313	201 229	< 1	< 0.2	1.58	12	80	< 0.5	2	0.56	< 0.5	8	36	12	1.87	< 10	< 1	0.16	20	0.59	225
531-JC-314	201 229	6	0.2	1.08	12	60	< 0.5	< 2	0.25	< 0.5	11	70	10	2.37	< 10	< 1	0.06	10	0.45	205
531-JC-315	201 229	< 1	< 0.2	0.48	4	20	< 0.5	< 2	0.21	< 0.5	2	13	1	0.45	< 10	< 1	0.01	< 10	0.11	40
531-JC-316	201 229	< 1	< 0.2	0.53	4	10	< 0.5	< 2	0.18	< 0.5	2	12	1	0.74	< 10	< 1	0.02	< 10	0.10	35
531-JC-317	201 229	< 1	0.2	0.83	4	20	< 0.5	< 2	0.13	< 0.5	2	25	3	1.61	< 10	< 1	0.03	< 10	0.11	45
531-JC-318	201 229	< 1	0.2	1.32	< 2	20	< 0.5	< 2	0.14	< 0.5	3	25	5	1.33	< 10	< 1	0.02	< 10	0.16	50
531-JC-319	201 229	< 1	< 0.2	0.58	< 2	20	< 0.5	< 2	0.18	< 0.5	2	15	3	0.76	< 10	< 1	0.02	10	0.15	45
531-JC-320	201 229	7	0.4	1.67	16	60	< 0.5	< 2	0.21	< 0.5	11	55	14	3.12	< 10	1	0.04	10	0.53	180
531-JC-321	201 229	2	0.4	3.10	6	70	0.5	< 2	0.19	< 0.5	16	74	44	3.05	< 10	1	0.04	10	0.60	290
531-JC-322	201 229	< 1	0.2	0.58	< 2	20	< 0.5	< 2	0.14	< 0.5	3	39	4	0.83	< 10	< 1	0.02	< 10	0.38	55
531-JC-323	201 229	2	0.2	1.76	12	60	< 0.5	< 2	0.15	< 0.5	8	35	11	2.37	< 10	1	0.03	10	0.24	180
531-JC-324	217 229	1	0.4	0.87	16	40	< 0.5	< 2	0.20	< 0.5	8	182	5	2.07	< 10	< 1	0.12	< 10	0.57	220
531-JC-325	201 229	< 1	< 0.2	0.44	< 2	10	< 0.5	< 2	0.21	< 0.5	2	13	3	0.53	< 10	< 1	0.01	< 10	0.14	40
531-JC-326	201 229	4	0.2	1.05	6	60	< 0.5	< 2	0.45	< 0.5	4	27	17	1.32	< 10	< 1	0.07	20	0.30	165
531-JC-327	201 229	2	< 0.2	0.93	4	60	< 0.5	< 2	0.54	< 0.5	4	23	14	1.13	< 10	< 1	0.06	20	0.23	185
531-JC-328	201 229	4	< 0.2	0.66	12	20	< 0.5	< 2	0.20	< 0.5	4	23	4	1.30	< 10	< 1	0.04	10	0.20	90

CERTIFICATION: \_\_\_\_\_



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To: PLACER DOME CANADA LIMITED

P.O. BOX 158  
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Project : 531  
Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

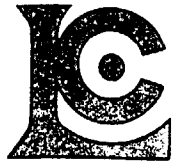
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Certificate Date: 15-AUG-95  
Invoice No. :19523940  
P.O. Number :  
Account :GKQ

## CERTIFICATE OF ANALYSIS

### A9523940

SAMPLE	PREP CODE		Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-JC-289	201	229	3	0.01	22	760	62	36	4	16	0.08	< 10	< 10	85	10	318
531-JC-290	201	229	< 1	0.01	19	310	4	2	2	18	0.09	< 10	< 10	38	< 10	40
531-JC-291	201	229	< 1	0.01	17	120	6	2	2	17	0.08	< 10	< 10	36	< 10	42
531-JC-292	201	229	< 1	0.01	22	200	2	2	2	16	0.11	< 10	< 10	34	< 10	36
531-JC-293	201	229	1	0.03	60	740	16	8	19	15	0.07	< 10	< 10	163	30	208
531-JC-294	201	229	< 1	< 0.01	29	230	8	6	8	9	0.10	< 10	< 10	78	< 10	50
531-JC-295	201	229	< 1	< 0.01	36	220	8	2	4	9	0.10	< 10	< 10	59	< 10	44
531-JC-296	201	229	< 1	< 0.01	66	270	6	2	2	9	0.10	< 10	< 10	50	< 10	48
531-JC-297	201	229	< 1	0.01	105	510	6	2	8	11	0.12	< 10	< 10	85	< 10	42
531-JC-298	201	229	< 1	< 0.01	100	280	8	6	17	9	0.17	< 10	< 10	152	10	78
531-JC-299	201	229	< 1	< 0.01	41	640	12	4	3	13	0.10	< 10	< 10	80	< 10	94
531-JC-300	201	229	< 1	< 0.01	16	200	4	< 2	1	10	0.08	< 10	< 10	36	< 10	20
531-JC-301	201	229	< 1	0.01	13	350	6	2	3	15	0.06	< 10	< 10	30	< 10	32
531-JC-302	201	229	< 1	0.01	11	230	4	< 2	2	14	0.07	< 10	< 10	27	< 10	28
531-JC-303	201	229	< 1	0.01	23	530	4	2	3	18	0.09	< 10	< 10	31	< 10	34
531-JC-304	201	229	< 1	0.01	22	640	8	< 2	4	20	0.09	< 10	< 10	43	< 10	56
531-JC-305	201	229	< 1	0.01	26	480	4	2	4	19	0.07	< 10	< 10	33	< 10	38
531-JC-306	201	229	< 1	0.01	14	450	2	< 2	1	10	0.08	< 10	< 10	28	< 10	18
531-JC-307	201	229	< 1	< 0.01	10	580	10	2	1	10	0.08	< 10	< 10	32	< 10	34
531-JC-308	201	229	1	< 0.01	6	1130	10	< 2	1	14	0.05	< 10	< 10	24	< 10	28
531-JC-309	201	229	< 1	0.01	13	230	4	< 2	2	14	0.08	< 10	< 10	25	< 10	28
531-JC-310	217	229	< 1	0.02	32	150	12	4	9	32	0.11	< 10	< 10	70	< 10	70
531-JC-311	217	229	< 1	0.03	27	480	8	2	6	35	0.13	< 10	< 10	56	< 10	54
531-JC-312	201	229	< 1	0.01	14	430	8	2	3	19	0.07	< 10	< 10	34	< 10	32
531-JC-313	201	229	< 1	0.02	19	540	6	4	4	25	0.11	< 10	< 10	40	< 10	38
531-JC-314	201	229	< 1	< 0.01	35	300	6	2	2	13	0.10	< 10	< 10	46	< 10	62
531-JC-315	201	229	< 1	< 0.01	6	280	2	2	1	10	0.06	< 10	< 10	12	< 10	10
531-JC-316	201	229	< 1	< 0.01	6	410	2	< 2	< 1	8	0.06	< 10	< 10	17	< 10	6
531-JC-317	201	229	< 1	< 0.01	8	210	4	< 2	1	8	0.08	< 10	< 10	33	< 10	10
531-JC-318	201	229	< 1	< 0.01	12	300	4	2	1	7	0.09	< 10	< 10	31	< 10	14
531-JC-319	201	229	< 1	< 0.01	7	380	4	< 2	1	10	0.05	< 10	< 10	18	< 10	12
531-JC-320	201	229	< 1	< 0.01	27	210	12	2	3	13	0.16	< 10	< 10	72	< 10	42
531-JC-321	201	229	1	< 0.01	43	410	6	4	4	8	0.09	< 10	< 10	63	< 10	60
531-JC-322	201	229	< 1	0.01	22	80	6	< 2	1	10	0.10	< 10	< 10	24	< 10	12
531-JC-323	201	229	< 1	< 0.01	26	2470	6	2	2	8	0.06	< 10	< 10	38	< 10	38
531-JC-324	217	229	< 1	0.03	42	210	6	2	2	15	0.10	< 10	< 10	40	< 10	30
531-JC-325	201	229	< 1	< 0.01	6	420	2	< 2	< 1	8	0.06	< 10	< 10	12	< 10	8
531-JC-326	201	229	< 1	0.01	14	330	6	2	3	14	0.08	< 10	< 10	27	< 10	22
531-JC-327	201	229	< 1	0.01	11	340	< 2	< 2	2	14	0.07	< 10	< 10	24	< 10	22
531-JC-328	201	229	< 1	< 0.01	10	350	2	< 2	1	9	0.07	< 10	< 10	28	< 10	16

CERTIFICATION: \_\_\_\_\_



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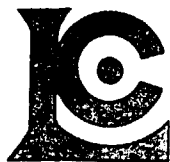
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

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 Total Pages : 4  
 Certificate Date: 15-AUG-95  
 Invoice No. : 19523940  
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## CERTIFICATE OF ANALYSIS A9523940

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-329	201 229	81 < 0.2	1.17	10	30 < 0.5	< 2	0.24 < 0.5	8	30	6	1.73 < 10	< 1	0.06 < 10	0.38	135					
531-JC-330	201 229	6 < 0.2	1.07	18	20 < 0.5	< 2	0.23 < 0.5	7	33	9	2.13 < 10	< 1	0.03 < 10	0.23	90					
531-JC-331	201 229	7 < 0.2	0.63	6	20 < 0.5	< 2	0.17 < 0.5	2	13	3	0.71 < 10	< 1	0.02 < 10	0.16	50					
531-JC-332	201 229	6 < 0.2	0.66	14	30 < 0.5	< 2	0.13 < 0.5	3	25	4	1.48 < 10	< 1	0.03 < 10	0.20	75					
531-JC-333	201 229	1 < 0.2	0.99	8	20 < 0.5	< 2	0.18 < 0.5	6	27	8	1.75 < 10	< 1	0.02 < 10	0.45	155					
531-JC-334	201 229	2 < 0.2	0.71	6	30 < 0.5	< 2	0.26 < 0.5	6	26	12	1.35 < 10	< 1	0.04 < 10	0.33	140					
531-JC-335	201 229	10 < 0.2	0.95	6	20 < 0.5	< 2	0.15 < 0.5	3	25	3	1.34 < 10	< 1	0.04 < 10	0.16	70					
531-JC-336	201 229	3 < 0.2	2.01	8	60 < 0.5	< 2	0.21 < 0.5	9	46	24	2.92 < 10	< 1	0.06 < 10	0.47	165					
531-JC-337	201 229	2 < 0.2	4.54	16	90 < 0.5	< 2	0.44 < 0.5	44	257	196	7.36 < 10	< 1	0.04 < 10	2.86	690					
531-JC-338	201 229	< 1 < 0.2	2.61	26	120 < 0.5	< 2	0.27 < 0.5	20	149	52	4.31 < 10	< 1	0.05 < 10	1.51	410					
531-JC-339	201 229	< 1 < 0.2	1.43	< 2	70 < 0.5	< 2	0.33 < 0.5	8	52	13	2.08 < 10	< 1	0.10 < 10	0.63	345					
531-JC-340	201 229	8 < 0.2	0.36	4	10 < 0.5	< 2	0.16 < 0.5	1	21	2	0.55 < 10	< 1	0.03 < 10	0.13	45					
531-JC-341	201 229	1 < 0.2	0.90	6	10 < 0.5	< 2	0.21 < 0.5	3	24	2	1.29 < 10	< 1	0.03 < 10	0.24	85					
531-JC-381	201 229	8 < 0.2	1.55	8	50 < 0.5	2	0.23 < 0.5	10	100	9	3.04 < 10	< 1	0.12 < 10	0.75	235					
531-JC-382	201 229	7 < 0.2	0.58	12	10 < 0.5	2	0.12 < 0.5	3	37	3	1.27 < 10	< 1	0.03 < 10	0.29	60					
531-JC-383	201 229	1 < 0.2	1.28	6	70 < 0.5	< 2	0.26 < 0.5	8	24	11	2.01 < 10	< 1	0.10 < 10	0.55	250					
531-JC-384	201 229	< 1 < 0.2	5.33	10	110 < 0.5	< 2	0.29 < 0.5	61	195	198	8.92 < 10	< 1	0.34 < 10	2.13	1000					
531-JC-385	201 229	1 < 0.2	1.42	2	70 < 0.5	2	0.45 < 0.5	12	36	11	1.97 < 10	< 1	0.07 < 10	0.42	490					
531-JC-386	201 229	3 < 0.2	0.74	16	20 < 0.5	< 2	0.15 < 0.5	4	37	4	1.97 < 10	< 1	0.04 < 10	0.23	110					
531-JC-387	201 229	1 < 0.2	0.80	< 2	30 < 0.5	< 2	0.37 < 0.5	3	23	18	1.07 < 10	< 1	0.04 < 10	0.23	155					
531-JC-388	201 229	2 < 0.2	0.67	6	20 < 0.5	< 2	0.25 < 0.5	3	17	5	0.93 < 10	< 1	0.01 < 10	0.20	70					
531-JC-389	201 229	11 < 0.2	0.49	12	20 < 0.5	< 2	0.15 < 0.5	3	44	4	1.50 < 10	< 1	0.03 < 10	0.15	65					
531-JC-390	201 229	13 < 0.2	0.98	12	30 < 0.5	< 2	0.17 < 0.5	6	44	6	1.86 < 10	< 1	0.06 < 10	0.41	110					
531-JC-391	201 229	< 1 < 0.2	1.29	< 2	40 < 0.5	< 2	0.27 < 0.5	6	30	6	1.63 < 10	< 1	0.06 < 10	0.39	165					
531-JC-392	201 229	< 1 < 0.2	1.20	< 2	30 < 0.5	< 2	0.25 < 0.5	4	28	4	1.52 < 10	< 1	0.06 < 10	0.30	110					
531-JC-393	201 229	7 < 0.2	0.87	< 2	30 < 0.5	< 2	0.28 < 0.5	7	45	4	1.60 < 10	< 1	0.09 < 10	0.43	230					
531-JC-394	217 229	< 1 < 0.2	2.20	< 2	120 < 0.5	< 2	0.49 < 0.5	19	58	12	2.62 < 10	< 1	0.37 < 10	0.85	835					
531-JC-395	201 229	1 < 0.2	0.88	< 2	30 < 0.5	< 2	0.25 < 0.5	3	25	2	1.25 < 10	< 1	0.06 < 10	0.26	115					
531-JC-396	201 229	< 1 < 0.2	1.65	< 2	90 < 0.5	2	0.57 < 0.5	8	38	12	1.80 < 10	< 1	0.15 < 10	0.62	175					
531-JC-397	201 229	< 1 < 0.2	0.53	6	20 < 0.5	< 2	0.14 < 0.5	4	61	3	1.61 < 10	< 1	0.03 < 10	0.27	80					
531-JC-398	201 229	2 < 0.2	0.70	< 2	20 < 0.5	< 2	0.34 < 0.5	5	28	5	1.17 < 10	< 1	0.08 < 10	0.40	140					
531-JC-399	201 229	4 < 0.2	0.95	< 2	30 < 0.5	< 2	0.19 < 0.5	6	37	6	1.66 < 10	< 1	0.08 < 10	0.38	115					
531-JC-400	201 229	1 < 0.2	0.77	2	30 < 0.5	< 2	0.10 < 0.5	3	29	4	1.66 < 10	< 1	0.03 < 10	0.16	65					
531-JC-401	201 229	1 < 0.2	1.06	< 2	50 < 0.5	2	0.19 < 0.5	7	27	5	1.49 < 10	< 1	0.07 < 10	0.35	195					
531-JC-402	201 229	< 1 < 0.2	4.22	< 2	60 < 0.5	< 2	0.28 < 0.5	36	276	103	6.75 < 10	< 1	0.06 < 10	2.98	635					
531-JC-403	201 229	4 < 0.2	1.39	34	40 < 0.5	< 2	0.19 < 0.5	10	54	12	2.77 < 10	< 1	0.05 < 10	0.46	150					
531-JC-404	201 229	4 < 0.2	0.94	6	20 < 0.5	< 2	0.20 < 0.5	8	54	10	1.95 < 10	< 1	0.03 < 10	0.40	125					
531-JC-405	201 229	9 < 0.2	0.80	2	20 < 0.5	< 2	0.16 < 0.5	3	35	4	1.57 < 10	< 1	0.04 < 10	0.23	95					
531-JC-406	201 229	3 < 0.2	0.70	16	30 < 0.5	< 2	0.49 < 0.5	4	28	13	1.18 < 10	< 1	0.04 < 10	0.30	135					
531-JC-407	201 229	7 < 0.2	0.45	< 2	10 < 0.5	< 2	0.30 < 0.5	2	18	3	0.92 < 10	< 1	0.03 < 10	0.20	65					

CERTIFICATION: *Stuart Deveau*



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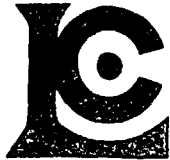
Project: 531  
 Comments: ATTN: STUART DEVEAU CC: J.D. CAMPBELL

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 P.O. Number :  
 Account : GKQ

CERTIFICATE OF ANALYSIS	A9523940
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531-JC-329	201 229	< 1	< 0.01	16	300	6	< 2	2	12	0.12	< 10	< 10	41	< 10	30
531-JC-330	201 229	< 1	< 0.01	26	420	4	< 2	1	10	0.11	< 10	< 10	38	< 10	16
531-JC-331	201 229	< 1	< 0.01	6	270	< 2	< 2	1	8	0.06	< 10	< 10	15	< 10	14
531-JC-332	201 229	< 1	< 0.01	12	180	6	< 2	1	7	0.09	< 10	< 10	30	< 10	18
531-JC-333	201 229	< 1	< 0.01	13	80	6	< 2	1	7	0.10	< 10	< 10	46	< 10	34
531-JC-334	201 229	1	0.01	16	420	2	< 2	2	13	0.09	< 10	< 10	27	< 10	18
531-JC-335	201 229	< 1	< 0.01	8	450	2	< 2	1	9	0.08	< 10	< 10	25	< 10	12
531-JC-336	201 229	< 1	< 0.01	31	1070	6	< 2	2	15	0.11	< 10	< 10	50	< 10	42
531-JC-337	201 229	< 1	< 0.01	97	130	12	4	25	6	0.15	< 10	< 10	253	10	88
531-JC-338	201 229	< 1	< 0.01	63	290	4	2	12	8	0.12	< 10	< 10	101	< 10	62
531-JC-339	201 229	< 1	0.01	24	170	4	< 2	3	18	0.11	< 10	< 10	44	< 10	46
531-JC-340	201 229	< 1	< 0.01	8	50	4	< 2	< 1	9	0.08	< 10	< 10	15	< 10	8
531-JC-341	201 229	< 1	< 0.01	10	350	6	< 2	1	11	0.09	< 10	< 10	26	< 10	16
531-JC-381	201 229	< 1	0.01	40	780	8	< 2	3	15	0.16	< 10	< 10	64	< 10	54
531-JC-382	201 229	< 1	< 0.01	11	280	2	< 2	2	8	0.11	< 10	< 10	34	< 10	18
531-JC-383	201 229	< 1	< 0.01	14	490	4	< 2	2	16	0.15	< 10	< 10	50	< 10	48
531-JC-384	201 229	< 1	< 0.01	134	280	8	2	46	5	0.20	< 10	< 10	367	20	140
531-JC-385	201 229	< 1	< 0.01	16	230	6	< 2	2	16	0.11	< 10	< 10	43	< 10	36
531-JC-386	201 229	< 1	< 0.01	12	360	6	< 2	1	10	0.12	< 10	< 10	47	< 10	28
531-JC-387	201 229	1	< 0.01	12	210	2	< 2	2	9	0.07	< 10	< 10	21	< 10	14
531-JC-388	201 229	< 1	< 0.01	7	280	4	< 2	1	9	0.07	< 10	< 10	23	< 10	14
531-JC-389	201 229	< 1	< 0.01	12	90	4	< 2	1	7	0.09	< 10	< 10	35	< 10	14
531-JC-390	201 229	< 1	< 0.01	20	120	4	< 2	2	10	0.13	< 10	< 10	46	< 10	28
531-JC-391	201 229	< 1	0.01	13	360	6	< 2	2	19	0.10	< 10	< 10	35	< 10	28
531-JC-392	201 229	< 1	0.01	13	300	8	< 2	2	15	0.11	< 10	< 10	29	< 10	30
531-JC-393	201 229	< 1	0.01	20	390	6	< 2	2	16	0.10	< 10	< 10	35	< 10	28
531-JC-394	217 229	< 1	0.02	25	520	8	< 2	5	34	0.13	< 10	< 10	51	< 10	64
531-JC-395	201 229	< 1	0.01	9	390	2	< 2	1	13	0.08	< 10	< 10	25	< 10	24
531-JC-396	201 229	< 1	0.01	19	380	8	< 2	4	27	0.10	< 10	< 10	37	< 10	48
531-JC-397	201 229	< 1	< 0.01	17	110	2	< 2	1	9	0.09	< 10	< 10	34	< 10	20
531-JC-398	201 229	< 1	0.01	12	410	6	< 2	2	18	0.09	< 10	< 10	25	< 10	20
531-JC-399	201 229	< 1	< 0.01	18	160	4	< 2	1	11	0.08	< 10	< 10	31	< 10	26
531-JC-400	201 229	< 1	< 0.01	13	1200	6	< 2	1	5	0.04	< 10	< 10	28	< 10	28
531-JC-401	201 229	< 1	< 0.01	19	330	4	< 2	1	11	0.06	< 10	< 10	27	< 10	30
531-JC-402	201 229	< 1	< 0.01	95	270	8	< 2	26	6	0.22	< 10	< 10	214	10	88
531-JC-403	201 229	< 1	< 0.01	34	390	6	< 2	2	10	0.12	< 10	< 10	56	< 10	44
531-JC-404	201 229	< 1	< 0.01	29	210	4	< 2	2	10	0.12	< 10	< 10	41	< 10	26
531-JC-405	201 229	< 1	< 0.01	16	170	4	< 2	1	11	0.10	< 10	< 10	33	< 10	22
531-JC-406	201 229	< 1	0.01	25	850	2	< 2	2	18	0.09	< 10	< 10	24	< 10	16
531-JC-407	201 229	< 1	< 0.01	9	570	2	< 2	1	10	0.06	< 10	< 10	19	< 10	12

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To: PLACER DOME CANADA LIMITED

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Project: 531  
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 Certificate Date: 15-AUG-95  
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 Account : GKQ

## CERTIFICATE OF ANALYSIS A9523940

SAMPLE	PREP CODE	Au NAA ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
531-JC-408	201 229	< 1	< 0.2	1.25	2	40	< 0.5	< 2	0.43	< 0.5	7	55	53	1.35	< 10	< 1	0.04	10	0.46	195
531-JC-409	217 229	< 1	0.2	3.05	< 2	160	0.5	< 2	0.48	< 0.5	19	72	26	3.53	10	< 1	0.45	20	1.09	860
531-JC-410	201 229	1	< 0.2	1.15	8	80	< 0.5	2	0.29	< 0.5	7	30	9	1.62	< 10	< 1	0.20	10	0.47	360
531-JC-411	201 229	< 1	< 0.2	1.19	2	80	< 0.5	< 2	0.44	< 0.5	6	29	10	1.51	< 10	< 1	0.20	20	0.47	185
531-JC-412	201 229	< 1	< 0.2	1.51	2	100	< 0.5	< 2	0.54	< 0.5	8	37	14	2.00	< 10	1	0.20	30	0.59	310
531-JC-413	201 229	< 1	< 0.2	0.87	2	50	< 0.5	< 2	0.32	< 0.5	6	23	5	1.24	< 10	< 1	0.15	10	0.39	215
531-JC-414	201 229	5	< 0.2	0.77	< 2	50	< 0.5	< 2	0.23	< 0.5	4	26	3	1.32	< 10	< 1	0.08	10	0.30	285
531-JC-415	201 229	1	< 0.2	0.74	2	20	< 0.5	< 2	0.26	< 0.5	3	16	6	0.82	< 10	< 1	0.03	10	0.22	120
531-JC-416	201 229	< 1	< 0.2	0.86	4	20	< 0.5	< 2	0.22	< 0.5	3	20	3	1.10	< 10	< 1	0.03	10	0.23	75
531-JC-417	201 229	30	< 0.2	1.03	14	30	< 0.5	< 2	0.16	< 0.5	4	31	5	1.32	< 10	< 1	0.06	10	0.32	90
531-JC-418	201 229	4	< 0.2	0.98	6	40	< 0.5	< 2	0.15	< 0.5	7	51	8	1.78	< 10	< 1	0.04	< 10	0.29	240
531-JC-419	201 229	4	< 0.2	1.31	8	40	< 0.5	< 2	0.19	< 0.5	9	48	16	2.01	< 10	< 1	0.03	10	0.43	155
531-JC-420	201 229	8	< 0.2	0.96	6	30	< 0.5	< 2	0.25	< 0.5	6	44	6	1.64	< 10	< 1	0.04	10	0.42	145
531-JC-421	217 229	< 1	< 0.2	2.51	< 2	100	0.5	2	0.47	< 0.5	12	62	17	2.72	10	< 1	0.31	10	0.91	360
531-JC-422	201 229	11	< 0.2	0.69	8	30	< 0.5	< 2	0.19	< 0.5	7	58	6	1.65	< 10	< 1	0.09	< 10	0.44	140
531-JC-423	201 229	< 1	< 0.2	0.58	8	20	< 0.5	< 2	0.17	< 0.5	3	18	3	0.92	< 10	< 1	0.06	10	0.23	95
531-JC-425	201 229	1	< 0.2	0.74	6	30	< 0.5	< 2	0.22	< 0.5	3	24	3	1.22	< 10	< 1	0.09	10	0.32	120
531-JC-426	201 229	2	< 0.2	0.53	12	20	< 0.5	< 2	0.15	< 0.5	2	29	4	0.93	< 10	< 1	0.02	< 10	0.16	50
531-JC-427	201 229	2	< 0.2	1.65	20	40	< 0.5	< 2	0.20	< 0.5	11	72	16	2.85	< 10	< 1	0.07	< 10	0.66	235
531-JC-428	201 229	160	< 0.2	1.48	28	60	< 0.5	< 2	0.25	< 0.5	7	51	20	2.91	< 10	< 1	0.05	10	0.51	175
531-JC-429	201 229	2	< 0.2	0.65	6	20	< 0.5	< 2	0.33	< 0.5	3	19	7	0.81	< 10	< 1	0.03	10	0.24	100
531-JC-430	201 229	< 1	< 0.2	1.34	2	100	< 0.5	2	0.50	< 0.5	6	33	10	1.66	< 10	< 1	0.16	20	0.43	235
531-JC-431	201 229	< 1	< 0.2	1.11	6	60	< 0.5	< 2	0.37	< 0.5	7	33	8	1.60	< 10	< 1	0.21	10	0.46	255
531-JC-432	201 229	2	< 0.2	1.24	16	30	< 0.5	2	0.27	< 0.5	8	33	13	1.75	< 10	< 1	0.02	10	0.50	145
531-JC-433	201 229	1	< 0.2	0.93	6	30	< 0.5	< 2	0.37	< 0.5	6	26	9	1.27	< 10	< 1	0.04	10	0.30	200
531-JC-434	201 229	8	< 0.2	1.59	14	40	< 0.5	< 2	0.21	< 0.5	11	56	23	2.52	< 10	< 1	0.05	10	0.44	140
531-JC-435	201 229	2	< 0.2	4.04	38	60	0.5	2	0.18	< 0.5	14	68	84	4.51	10	< 1	0.08	20	0.82	270
531-JC-436	201 229	< 1	< 0.2	1.57	6	30	< 0.5	< 2	0.21	< 0.5	8	35	19	1.74	< 10	< 1	0.02	10	0.33	110

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			ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
531-JC-408	201	229	< 1	0.01	32	380	< 2	< 2	3	14	0.10	< 10	< 10	26	< 10	34
531-JC-409	217	229	< 1	0.02	34	340	14	2	7	34	0.12	< 10	< 10	65	< 10	76
531-JC-410	201	229	< 1	0.01	16	210	6	< 2	3	19	0.07	< 10	< 10	31	< 10	40
531-JC-411	201	229	< 1	0.01	18	310	4	< 2	3	17	0.08	< 10	< 10	27	< 10	38
531-JC-412	201	229	< 1	0.01	23	570	6	< 2	4	21	0.07	< 10	< 10	30	< 10	58
531-JC-413	201	229	< 1	0.01	11	330	4	< 2	2	15	0.08	< 10	< 10	24	< 10	32
531-JC-414	201	229	< 1	0.01	10	170	4	< 2	1	14	0.08	< 10	< 10	27	< 10	34
531-JC-415	201	229	< 1	0.01	11	330	4	< 2	1	12	0.08	< 10	< 10	18	< 10	26
531-JC-416	201	229	< 1	0.01	10	270	6	< 2	1	12	0.10	< 10	< 10	25	< 10	14
531-JC-417	201	229	< 1	< 0.01	15	220	6	< 2	1	12	0.11	< 10	< 10	33	< 10	20
531-JC-418	201	229	< 1	< 0.01	36	810	6	< 2	1	9	0.07	< 10	< 10	30	< 10	26
531-JC-419	201	229	< 1	< 0.01	44	490	4	< 2	2	9	0.09	< 10	< 10	37	< 10	22
531-JC-420	201	229	< 1	0.01	19	420	6	< 2	2	12	0.09	< 10	< 10	32	< 10	28
531-JC-421	217	229	< 1	0.03	25	200	8	< 2	6	30	0.13	< 10	< 10	53	< 10	56
531-JC-422	201	229	< 1	< 0.01	30	310	8	< 2	1	10	0.09	< 10	< 10	32	< 10	28
531-JC-423	201	229	< 1	0.01	7	170	4	< 2	1	11	0.06	< 10	< 10	19	< 10	18
531-JC-425	201	229	< 1	0.01	10	260	4	< 2	1	11	0.07	< 10	< 10	25	< 10	24
531-JC-426	201	229	< 1	< 0.01	20	410	4	< 2	< 1	8	0.06	< 10	< 10	19	< 10	8
531-JC-427	201	229	< 1	< 0.01	56	460	6	< 2	2	10	0.11	< 10	< 10	53	< 10	64
531-JC-428	201	229	< 1	< 0.01	28	610	8	< 2	2	13	0.11	< 10	< 10	66	< 10	62
531-JC-429	201	229	< 1	0.01	9	540	2	< 2	1	14	0.08	< 10	< 10	19	< 10	20
531-JC-430	201	229	< 1	0.01	17	360	4	< 2	3	18	0.09	< 10	< 10	31	< 10	32
531-JC-431	201	229	< 1	0.01	15	250	4	< 2	3	18	0.10	< 10	< 10	33	< 10	34
531-JC-432	201	229	< 1	0.01	27	300	6	< 2	2	14	0.12	< 10	< 10	37	< 10	30
531-JC-433	201	229	< 1	0.01	15	170	4	< 2	2	11	0.09	< 10	< 10	27	< 10	18
531-JC-434	201	229	< 1	< 0.01	32	750	4	< 2	2	10	0.11	< 10	< 10	54	< 10	38
531-JC-435	201	229	1	0.01	33	620	6	< 2	6	12	0.18	< 10	< 10	89	< 10	56
531-JC-436	201	229	< 1	0.01	24	330	2	< 2	2	11	0.12	< 10	< 10	36	< 10	20

CERTIFICATION: \_\_\_\_\_

*Hart Buchler*

**APPENDIX VII**  
**List of Personnel**

## APPENDIX VII

### List of Personnel

The following personnel were involved in the acquisition, processing, interpretation and presentation of data relating to the 1995 work programme carried out in Baird and Fairlie townships, Red Lake, Ontario.

Anthony Stechishen	Project Geologist
Stuart Deveau	Geologist
Reg Seyler*	Geologist
Howard Langier*	Geologist
Darren O'Brien*	Geologist
Ryan McEcheam	Geologist
Wilfred Hill	Geological Technician
Clint Tracy	Geological Technician
Jamie Campbell*	Geological Assistant
Dallas Mann*	Sampler

All personnel are employees of Placer Dome (CLA) Limited (PDC) with the exception of those marked with a asterisk who are no longer PDC employees.



Ministry of  
Northern Development  
and Mines

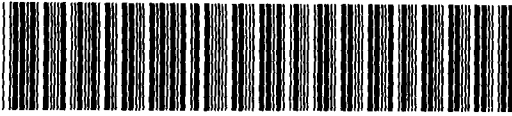
# Declaration of Assessment Work Performed on Mining Land

Mining Act, Subsection 85(2) and 86(3), R.S.O. 1990

Transaction Number (office use)  
**W 9720.000 18**  
Assessment Files Research Imaging

*Lands*

Personal information collected on this form is obtained under the authority of subsections 85(2) and 86(3) of the Mining Act. Under section 8 of the Mining Act, the information is a public record. This information will be used to review the assessment work and correspond with the mining land holder. Questions about this cc 933 Ramsey Lake Road, Northern Development and Mines, 6th Floor



52N04SW0087 2.17080 FAIRLIE

Instructions: - For  
- Ple

900

see form 0240.

**2.1708**

### 1. Recorded holder(s) (Attach a list if necessary)

Name <b>PLACER DOME (CLA) LIMITED</b>	Client Number <b>300210</b>
Address <b>Suite 3201, 130 Adelaide Street West</b>	Telephone Number <b>(416) 363-4962</b>
<b>P.O. Box 43, Toronto, Ontario M5H 3P5</b>	Fax Number <b>(416) 359-9787</b>
Name	Client Number
Address	Telephone Number
	Fax Number

**RECEIVE**  
**MAR 10 1997**  
**MINING LANDS BRANC**

### 2. Type of work performed: Check (✓) and report on only ONE of the following groups for this declaration.

Geotechnical: prospecting, surveys, assays and work under section 18 (regs)       Physical: drilling, stripping, trenching and associated assays       Rehabilitation

Work Type <b>Line Cutting, Geology, Litho geochemistry, Soil Geochemistry</b>	Office Use
	Commodity
	Total \$ Value of Work Claimed <b>\$ 119,950.00</b>
Dates Work Performed From <b>01 03 95</b> To <b>19 02 97</b>	NTS Reference <b>52N/04SW 52K/13NW</b> <b>52M/01SE 52L/16NE</b>
Global Positioning System Data (if available)	Mining Division <b>Red Lake</b>
Township/Area <b>Baird/Fairlie</b>	Resident Geologist District <b>Red Lake</b>
M or G-Plan Number <b>G-3739/G-3731</b>	

Please remember to: - obtain a work permit from the Ministry of Natural Resources as required;  
- provide proper notice to surface rights holders before starting work;  
- complete and attach a Statement of Costs, form 0212;  
- provide a map showing contiguous mining lands that are linked for assigning work;  
- include two copies of your technical report.

### 3. Person or companies who prepared the technical report (Attach a list if necessary)

Name <b>Stuart W. Deveau</b>	Telephone Number <b>(807) 662-2236</b>
Address <b>Box 499, Red Lake, Ontario P0V 2M0</b>	Fax Number <b>(807) 662-2240</b>
Name <b>Vytyl Exploration Services</b>	Telephone Number <b>(807) 473-6723</b>
Address <b>4283 Loch Lomond Rd., Thunder Bay, ON P7C 8Z2</b>	Fax Number <b>(807) 473-1977</b>
Name	Telephone Number
Address	Fax Number

### 4. Certification by Recorded Holder or Agent

I, Paul Brown (Print Name), do hereby certify that I have personal knowledge of the facts set forth in this Declaration of Assessment Work having caused the work to be performed or witnessed the same during or after its completion and, to the best of my knowledge, the annexed report is true.

Signature of Recorded Holder or Agent <i>Paul Brown</i>	Date <b>Feb 19/97</b>
Telephone Number <b>(807) 662-2236</b>	Fax Number <b>(807) 662-2240</b>

**Statement of Costs for Assessment Credit**

**État des coûts aux fins du crédit d'évaluation**

Mining Act/Loi sur les mines

Transaction No./N° de transaction  
 W9720.00018

**2.17080**

Personal information collected on this form is obtained under the authority of the Mining Act. This information will be used to maintain a record and ongoing status of the mining claim(s). Questions about this collection should be directed to the Provincial Manager, Minings Lands, Ministry of Northern Development and Mines, 4th Floor, 159 Cedar Street, Sudbury, Ontario P3E 6A5, telephone (705) 670-7264.

Les renseignements personnels contenus dans la présente formule sont recueillis en vertu de la Loi sur les mines et serviront à tenir à jour un registre des concessions minières. Adresser toute question sur la collecte de ces renseignements au chef provincial des terrains miniers, ministère du Développement du Nord et des Mines, 159, rue Cedar, 4<sup>e</sup> étage, Sudbury (Ontario) P3E 6A5, téléphone (705) 670-7264.

**1. Direct Costs/Coûts directs**

Type	Description	Amount Montant	Totals Total global
Wages Salaires	Labour Main-d'oeuvre	20,700	
	Field Supervision Supervision sur le terrain	23,000	43,700
Contractor's and Consultant's Fees Droits de l'entrepreneur et de l'expert-conseil	Type Line Cutting	26,573	
	Rock Assays	10,069	
	Soil Geochem	33,522	70,164
Supplies Used Fournitures utilisées	Type		
Equipment Rental Location de matériel	Type Boat & Motor	1,458	
			1,458
<b>Total Direct Costs Total des coûts directs</b>			<b>15,322</b>

**2. Indirect Costs/Coûts indirects**

\*\* Note: When claiming Rehabilitation work indirect costs are not allowable as assessment work. Pour le remboursement des travaux de réhabilitation, les coûts indirects ne sont pas admissibles en tant que travaux d'évaluation.

Type	Description	Amount Montant	Totals Total global
Transportation Transport	Type Airfare	1,673	
			1,673
Food and Lodging Nourriture et hébergement	Rent	1,750	
	Food	1,022	2,772
Mobilization and Demobilization Mobilisation et démoblisation	Gas for Boat	181	181
<b>Sub Total of Indirect Costs Total partiel des coûts indirects</b>			<b>4,626</b>
Amount Allowable (not greater than 20% of Direct Costs) Montant admissible (n'excédant pas 20 % des coûts directs)			4,626
<b>Total Value of Assessment Credit (Total of Direct and Allowable Indirect costs) Valeur totale du crédit d'évaluation (Total des coûts directs et indirects admissibles)</b>			<b>119,948</b>

Note: The recorded holder will be required to verify expenditures claimed in this statement of costs within 30 days of a request for verification. If verification is not made, the Minister may reject for assessment work all or part of the assessment work submitted.

Note: Le titulaire enregistré sera tenu de vérifier les dépenses demandées dans le présent état des coûts dans les 30 jours suivant une demande à cet effet. Si la vérification n'est pas effectuée, le ministre peut rejeter tout ou une partie des travaux d'évaluation présentés.

**Filing Discounts**

1. Work filed within two years of completion is claimed at 100% of the above Total Value of Assessment Credit.
2. Work filed three, four or five years after completion is claimed at 50% of the above Total Value of Assessment Credit. See calculations below:

Total Value of Assessment Credit  $\times 0.50 =$  RECEIVED RED LAKE MINING DIV.

**Remises pour dépôt**

1. Les travaux déposés dans les deux ans suivant leur achèvement sont remboursés à 100 % de la valeur totale susmentionnée du crédit d'évaluation.
2. Les travaux déposés trois, quatre ou cinq ans après leur achèvement sont remboursés à 50 % de la valeur totale du crédit d'évaluation susmentionné. Voir les calculs ci-dessous.

Valeur totale du crédit d'évaluation  $\times 0,50 =$  RECEIVED

**Certification Verifying Statement of Costs**

I hereby certify: that the amounts shown are as accurate as possible and these costs were incurred while conducting assessment work on the lands shown on the accompanying Report of Work form.

that as Agent I am authorized (Recorded Holder, Agent, Position in Company)

to make this certification

**Attestation de l'état des coûts**

J'atteste par la présente: que les montants indiqués sont le plus exact possible et que ces dépenses ont été engagées pour effectuer les travaux d'évaluation sur les terrains indiqués dans la formule de rapport de travail ci-joint.

Et qu'à titre de Agent je suis autorisé (titulaire enregistré, représentant, poste occupé dans la compagnie)

à faire cette attestation.

Signature: [Signature] Date: Feb. 19/97

2.17080

5. Work to be recorded and distributed. Work can only be assigned to claims that are contiguous (adjoining) to the mining land where work was performed, at the time work was performed. A map showing the contiguous link must accompany this form.

49720.00018

Mining Claim Number. Or if work was done on other eligible mining land, show in this column the location number indicated on the claim map.	Number of Claims Units, for other mining land, lot, hectares.	Value of work performed on this claim or other mining land.	Value of work applied to this claim.	Value of work assigned to other mining claims.	Bank. Value of work to be distributed at a future date.
09 TB 7827	18 ha	\$25,825	N/A	\$24,000	\$2,825
09 1234567	18	0	\$24,000	0	0
09 1234568	2	\$ 8,882	\$ 4,000	0	\$4,882
1					
2					
3	** Please see attached Schedule A				
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
Column Totals					

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MINING LANDS BRANCH

I, Stuart W. Deyerd, do hereby certify that the above work credits are eligible under subsection 7 (1) of the Assessment Work Regulation 6/96 for assignment to contiguous claims or for application to the claim where the work was done.

Signature of Record Holder or Person Authorized in Writing: [Signature] Date: Feb. 19/97

6. Instructions for cutting back credits that are not approved. Some of the credits claimed in this declaration may be cut back. Please check (-) in the boxes below to show how you wish to prioritize the deletion of credits:

- 1. Credits are to be cut back from the Bank first, followed by option 2 or 3 or 4 as indicated.
- 2. Credits are to be cut back starting with the claims listed last, working backwards; or
- 3. Credits are to be cut back equally over all claims listed in this declaration; or
- 4. Credits are to be cut back as prioritized on the attached appendix or as follows (describe):

Note: If you have not indicated how your credits are to be deleted, credits will be cut back from the Bank first, followed by option number 2 if necessary.

For Office Use ONLY: RECEIVED FEB 19 1997

Recorded at: MINING LANDS BRANCH

Deemed Approved Date: May 19/97

Date Approved: \_\_\_\_\_

Total Value of Credits Approved: \_\_\_\_\_

Approved for Recording by Mining Recorder (Signature): [Signature]

AM 3,8,9,11,12,13,15,0

**Schedule A (Patented)  
Report of Work Conducted  
After Recording Claim**

W9720.00018

Work Report # For Applying Reserve	Claim Info			
	Claim Number	Lic.Occ.#	Parcel #	Claim Area (Ha)
	18412		2375	17.12
	18413	11024	2376	9.47
	18414		2566	7.81
	18422		2567	19.63
	18423		2366	26.51
	18424		2368	26.63
	18425		2568	21.98
	18426	11020	2369	8.82
	18427	11021		5.99
	18428	11022	2370	4.78
	18631	11026	2371	22.06
	18633	11028	2372	12.42
	18634	11029	2373	17.85
	19487		2365	14.73
	20064	12269	3142	36.82
	20065		3143	18.17
	20066		3145	31.40
	20402		3158	21.08
	20403		3159	30.15
	20404		3144	26.27
	20405		3160	23.15
	20406		3161	32.78
	20407		3162	24.56
	20408		3163	35.90
	20409		3164	30.51
	20631		3165	27.60
	20632		3166	12.38
	20633		3167	16.67
Total Page 1	28			

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 MINING LANDS BRANCH

Total Number  
of Claims

Value of Assessment Done on Claim	Value Applied to this Claim
\$2,534	
\$702	
\$1,052	
\$2,963	
\$4,522	
\$4,366	
\$3,508	
\$624	
\$16	
\$234	
\$1,403	
\$66	
\$585	
\$2,105	
\$6,237	
\$4,054	
\$4,756	
\$2,963	
\$5,145	
\$4,834	
\$3,742	
\$5,613	
\$3,430	
\$4,600	
\$4,366	
\$4,366	
\$2,183	
\$2,885	
\$83,854	0

Total Value  
Work Done

Total Value  
Work Applied

Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
\$2,534	
\$702	
\$1,052	
\$2,963	
\$4,522	
\$4,366	
\$3,508	
\$624	
\$16	
\$234	
\$1,403	
\$66	
\$585	
\$2,105	
\$6,237	
\$4,054	
\$4,756	
\$1,073	\$1,890
	\$5,145
	\$4,834
	\$3,742
	\$5,613
	\$3,430
	\$4,600
	\$4,366
	\$4,366
	\$2,183
	\$2,885
\$40,800	\$43,054

Total Assigned  
From

Total Reserve

**Schedule A (Patented)  
Report of Work Conducted  
After Recording Claim**

W9720.00018

Work Report # For Applying Reserve	Claim Info			
	Claim Number	Lease #	Parcel #	Claim Area (Ha)
	18659		3088	43.51
	18660		3089	19.55
	18661		3090	28.25
	18481		3105	19.87
	18482		3106	16.27
	18483		3107	23.68
	18484		3108	16.67
	18485		3108	17.16
	18486		3110	28.77

Total Pages 1&2      37

Total Number  
of Claims

Value of Assessment Done on Claim	Value Applied to this Claim
6,861	
3,040	
4,132	
3,586	
1,949	
3,040	
3,352	
2,573	
5,379	
<b>\$117,766</b>	<b>\$0</b>

Total Value  
Work Done

Total Value  
Work Applied

Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
	6,861
	3,040
	4,132
	3,586
	1,949
	3,040
	3,352
	2,573
	5,379
<b>\$40,800</b>	<b>\$76,966</b>

Total Assigned  
From

Total Reserve

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MAR 10 1997  
MINING LANDS BRANCH

**2.17080**



**Schedule A (Unpatented)  
Report of Work Conducted  
After Recording Claim**

W 9720.00018

Work Report # For Applying Reserve	Claim Number	Number of Claim Units
	1208924	1
	1144379	6
	1184165	2
	1202251	4
	1202252	4
	1202253	4
	1202255	2
	7	23

Total Number of Claims      Total Number of Claim Units

Value of Assessment Done on Claim	Value Applied to this Claim
\$2,184	\$800
\$0	\$12,000
\$0	\$3,200
\$0	\$8,000
\$0	\$6,400
\$0	\$8,000
\$0	\$3,200
\$2,184	\$41,600

Total Value Work Done      Total Value Work Applied

Value Assigned from this Claim	Reserve Work to be Claimed at a Future Date
	\$1,384
\$0	\$1,384

Total Assigned From      Total Reserve

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MAR 10 1997  
MINING LANDS BRANCH

2.12080

April 21, 1997

Scott A. Rivett  
Mining Recorder  
Ontario Government Building  
227 Howey Street, Box 324  
Red Lake, ON  
P0V 2M0

Geoscience Assessment Office  
933 Ramsey Lake Road  
6th Floor  
Sudbury, Ontario  
P3E 6B5

Telephone: (705) 670-5853  
Fax: (705) 670-5863

Dear Sir or Madam:

Submission Number: 2.17080

**Status**

**Subject: Transaction Number(s):** W9720.00018 Approval

---

We have reviewed your Assessment Work submission with the above noted Transaction Number(s). The attached summary page(s) indicate the results of the review. WE RECOMMEND YOU READ THIS SUMMARY FOR THE DETAILS PERTAINING TO YOUR ASSESSMENT WORK.

If the status for a transaction is a 45 Day Notice, the summary will outline the reasons for the notice, and any steps you can take to remedy deficiencies. The 90-day deemed approval provision, subsection 6(7) of the Assessment Work Regulation, will no longer be in effect for assessment work which has received a 45 Day Notice.

Please note any revisions must be submitted in DUPLICATE to the Geoscience Assessment Office, by the response date on the summary.

NOTE: This correspondence may affect the status of your mining lands. Please contact the Mining Recorder to determine the available options and the status of your claims.

If you have any questions regarding this correspondence, please contact Bruce Gates by e-mail at gates\_b@torv05.ndm.gov.on.ca or by telephone at (705) 670-5856.

Yours sincerely,



ORIGINAL SIGNED BY  
Ron C. Gashinski  
Senior Manager, Mining Lands Section  
Mines and Minerals Division

## Work Report Assessment Results

---

**Submission Number:** 2.17080

**Date Correspondence Sent:** April 21, 1997

**Assessor:** Bruce Gates

**General Comment:**

---

<b>Transaction Number</b>	<b>First Claim Number</b>	<b>Township(s) / Area(s)</b>	<b>Status</b>	<b>Approval Date</b>
W9720.00018	18412	BAIRD, FAIRLIE	Approval	April 17, 1997

**Section:**

13 Geochemical GCHEM

12 Geological GEOL

**Correspondence to:**

Mining Recorder  
Red Lake, ON

Resident Geologist  
Red Lake, ON

Assessment Files Library  
Sudbury, ON

**Recorded Holder(s) and/or Agent(s):**

Paul Brown  
BALMERTOWN, ONTARIO, CANADA

PLACER DOME (CLA) LIMITED  
TORONTO, ON

2.17080  
GEOL, G-CHEM



3739

Fairlie Twp. G 3731  
Red Lake

THE CORPORATION OF THE  
TOWNSHIP  
OF  
RED LAKE  
St. Paul Bay  
Red Lake

THE TOWNSHIP  
OF  
**BAIRD**

DISTRICT OF  
KENORA  
PATRICIA PORTION  
**RED LAKE  
MINING DIVISION**

SCALE: 1-INCH = 40 CHAINS EIVED

**LEGEND**

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKEG
- MINES
- CANCELLED

MAR 10 1997  
MINING LANDS BRANCH

**NOTES**

400' surface rights reservation along the shores of all lakes and rivers.

Areas withdrawn from staking under Section 43 of the Mining Act

Order No.	File	Date	Disposition
SEC 38/80	WKRL 53/84	JUL 22/84	S.R.O. 8080 8P308,329

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.

**FOREST ACTIVITY INFORMATION**  
THIS TOWNSHIP/AREA FALLS WITHIN THE

AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE M.N.R. UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:  
P.O. BOX 5003  
RED LAKE, ONT.  
(807) 727-2253

PLAN NO. G-3739

ONTARIO  
MINISTRY OF NATURAL RESOURCES  
SURVEYS AND MAPPING BRANCH

2.17080  
RECEIVED

MAR 10 1997  
MINING LANDS BRANCH

RECEIVED  
MAR 10 1997  
MINING LANDS BRANCH

BAIRD TWP.

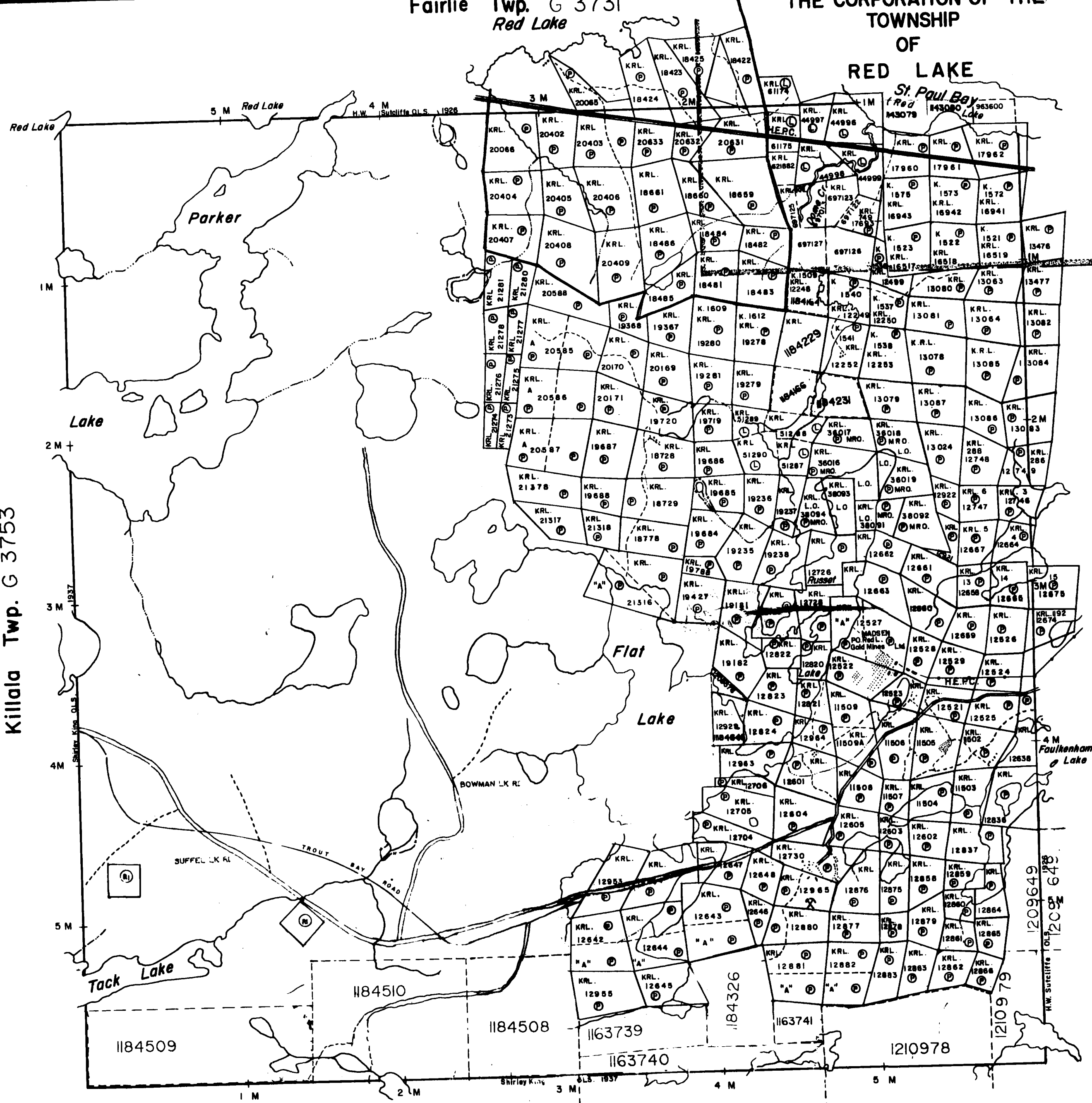
G-3739

Killalala Twp. G 3753

Heyson Twp. G 3736

FAULKENHAMLAKE G 1773

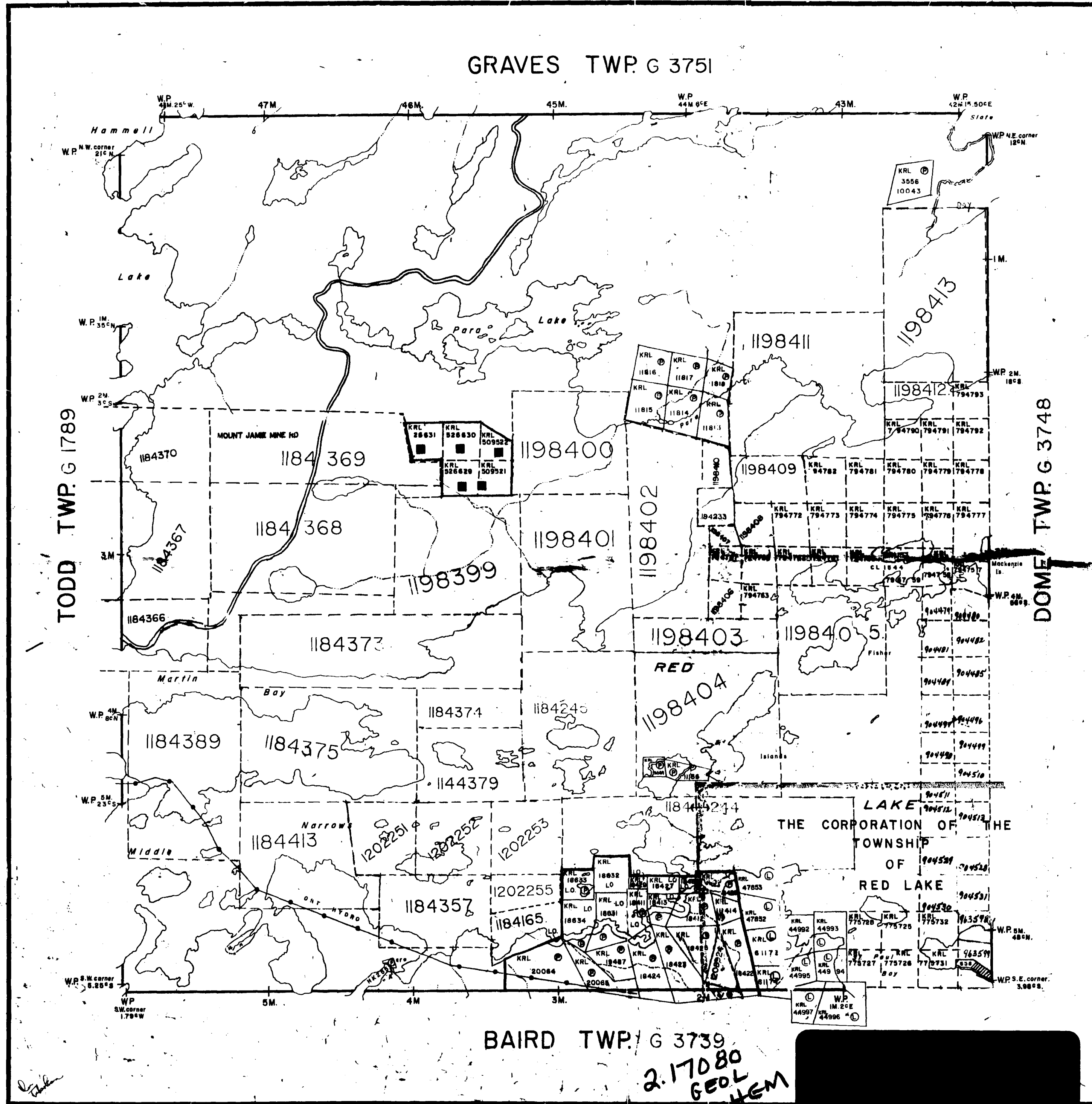
TRIM LINE



G-3731

FAIRLIE TWP

G-3731



THE TOWNSHIP OF

# FAIRLIE

DISTRICT OF KENORA  
(PATRICIA PORTION)

RED LAKE MINING DIVISION

SCALE: 1-INCH=40 CHAINS

### LEGEND

- PATENTED LAND
- CROWN LAND SALE
- LEASES
- LOCATED LAND
- LICENSE OF OCCUPATION
- MINING RIGHTS ONLY
- SURFACE RIGHTS ONLY
- ROADS
- IMPROVED ROADS
- KING'S HIGHWAYS
- RAILWAYS
- POWER LINES
- MARSH OR MUSKES
- MINES
- CANCELLED

### AREAS WITHDRAWN FROM DISPOSITION

- M.R.O. - MINING RIGHTS ONLY
- S.R.O. - SURFACE RIGHTS ONLY
- M.+S. - MINING AND SURFACE RIGHTS

Description	Order No.	Date	Disposition	File

### FOREST ACTIVITY INFORMATION

THIS TOWNSHIP/AREA FALLS WITHIN THE RED LAKE CROWN AND MAY BE SUBJECT TO FORESTRY OPERATIONS. THE M.N.F. UNIT FORESTER FOR THIS AREA CAN BE CONTACTED AT:  
 P.O. BOX 6003  
 RED LAKE, ONTARIO P0V 2M0  
 (807) 727-2283

MAR - 5, 1997  
RED LAKE, ONTARIO



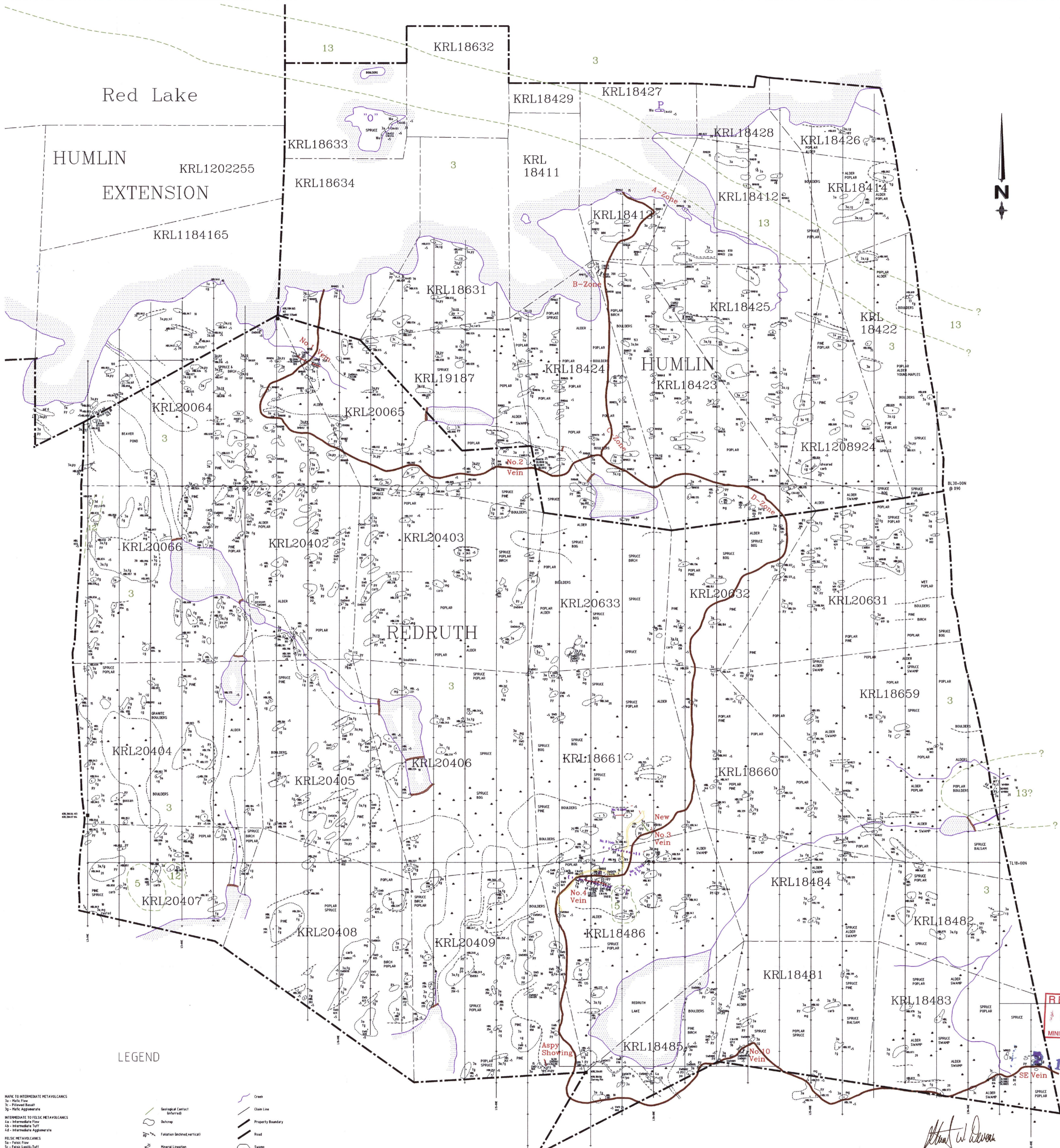
Ministry of Natural Resources  
Ministry of Northern Development and Mines

Date: AUGUST, 1986

Number  
**G-3731**

BAIRD TWP. G 3739  
2.17080  
GEOL  
GENEM

THE INFORMATION THAT APPEARS ON THIS MAP HAS BEEN COMPILED FROM VARIOUS SOURCES, AND ACCURACY IS NOT GUARANTEED. THOSE WISHING TO STAKE MINING CLAIMS SHOULD CONSULT WITH THE MINING RECORDER, MINISTRY OF NORTHERN DEVELOPMENT AND MINES, FOR ADDITIONAL INFORMATION ON THE STATUS OF THE LANDS SHOWN HEREON.



**LEGEND**

- HAZEL TO INTERMEDIATE METAVOLCANICS**
  - 3a - Rhyolite Flow
  - 3b - Filled Basalt
  - 3g - Rhyolite Agglomerate
  - INTERMEDIATE TO FELSIC METAVOLCANICS**
  - 4a - Intermediate Flow
  - 4b - Intermediate Tuff
  - 4c - Intermediate Agglomerate
  - FELSIC METAVOLCANICS**
  - 5a - Felsic Flow
  - 5c - Felsic Lapilli Tuff
  - 5f - Sarcoid Schist
  - METASEDIMENTS**
  - 6a - Amphibole
  - 6j - Chert
  - IRON FORMATION**
  - 7b - Sphulphide Facies Iron Formation
  - HAZEL TO INTERMEDIATE INTRUSIVES**
  - 8a - Gabbro
  - 8b - Diorite
  - HAZEL FELSIC INTRUSIVES**
  - 9c - Quartz-Feldspar Porphyry
  - 9d - Aplite Dyke
  - ULTRAMAFIC INTRUSIVES**
  - 10 - Peridotite, Serpentine, Talc-Chlorite Schist
  - HAZEL INTRUSIVES**
  - 11 - Lamprophyre
- Geological Contact
  - Outcrop
  - Foliation (inclined vertical)
  - Mineral Lineation
  - Sample Location
  - Abbreviations
  - Aspy - arsenopyrite
  - cpy - calcopyrite
  - gr - garnet
  - qtz - quartz
  - carb - carbonate (unweathered)
  - fs - feldspar
  - act - actinolite
  - cl - chlorite
  - ms - muscovite
  - ep - epidote
  - grn - garnet
  - fs - feldspar
  - py - pyrite
- Creek
  - Claim Line
  - Property Boundary
  - Road
  - Swamp
  - Ridge
  - Beaver Dam
  - Claim Post
  - Trench
  - No. 4 Vein
  - No. 2 Zone
  - No. 3 Vein
  - No. 10 Vein
  - SE Vein

SCALE (METRES)



RECEIVED  
MAR 10 1997  
MINING LANDS BRANCH

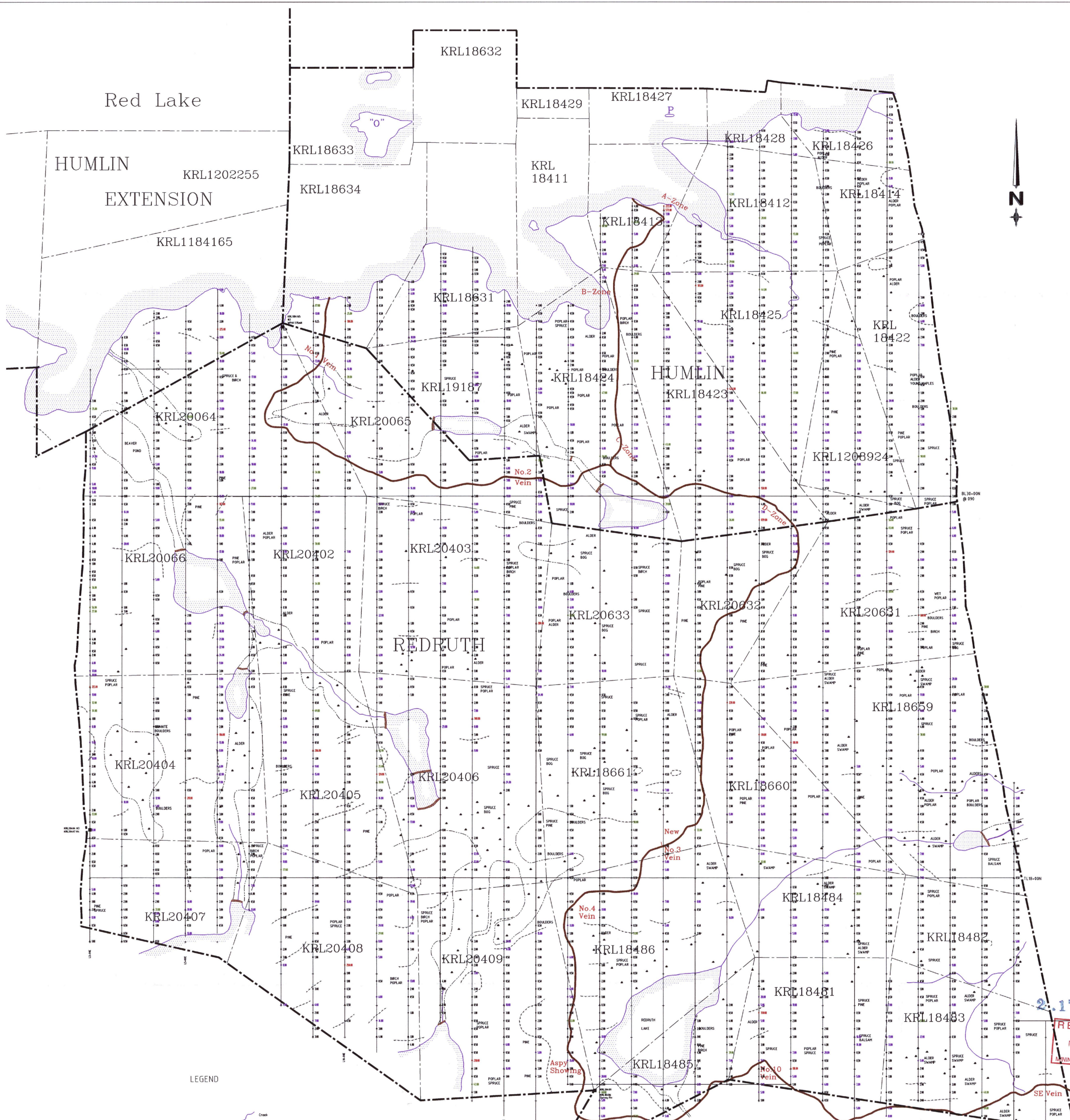
17080

*Albert W. Devore*

**Placer Dome Canada**

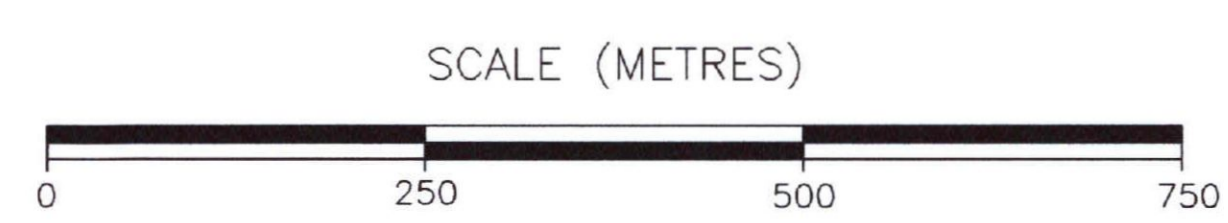
PROJECT NO. 530/531  
Humlin/Redruth  
Drawing 1  
Property Geology Map

DATE: JANUARY 26, 1996 FILENAME: DRAWING2.DWG DWG. NO. 1  
SCALE: 1:5000 NTS REF. 52K13



LEGEND

- AU VALUES FROM SOIL GEOCHEMISTRY
- 700 - 100 ppb
  - 420 - 25-100 ppb
  - 80 - 5-25 ppb
  - 10 - <5 ppb
- Creek
  - Claim Line
  - Property Boundary
  - Road
  - Swamp
  - Ridge
  - Beaver Dam
  - Claim Post
  - Trench
  - No.4 Vein
  - B-Zone



2-17080  
RECEIVED  
MAR 10 1997  
MINING LANDS BRANCH

*Handwritten signature*

**Placer Dome Canada**  
 PROJECT NO. 530/531  
 Humlin/Redruth  
 Drawing 2  
 Au Anomalies from  
 Soil Geochemistry

DATE: JANUARY 26, 1996 FILENAME: DRAWING2.DWG DWG NO. 2  
 SCALE: 1:5000 NTS REF. 52K13

