GEOLOGICAL AND GEOCHEMICAL ASSESSMENT REPORT

for the

GOLDEN LOON CLAIM GROUP

THE GOLDEN LOON I, II, III, IV, V, VI, VII, IX CLAIMS

LUC 1 TO 14 CLAIMS (INC.)

GOLDEN LOON 10 TO 29 CLAIMS (INC.)

NTS 92P/8

for

PLACER DOME INC.
1440 HUGH ALLAN DRIVE
KAMLOOPS, B.C.
V1S 1L8

Property Owner: Star of Mine[illegible] Ltd.

Operator: Placer Dome Inc.

Report Authors: R.C. Wells, B.Sc., FGAC.
Consulting Geologist

Jean-François Métail, B.Sc.,
Geologist, Placer Dome Inc.

February 10, 1993

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SUMMARY AND CONCLUSIONS

The Golden Loon Property of Star of Mineta Ltd. is located at the edge of the Thompson Plateau, six kilometres west of Little Fort, British Columbia. The property is comprised of 114 continguous mineral claims totalling 228 units and 5700 hectares.

Placer Dome Inc. has an option on the property from Mineta dated December 9, 1991. The exploration target for the 1992 program was intrusive hosted, "porphyry style" copper-gold mineralization in the northern part of the Thuya Batholith.

The 1992 exploration program on the property by Placer Dome Inc. consisted of the following:

1. Grid preparation to cover the western half of the property with 200 m spaced, east trending lines.

2. Terrain analyses and superficial geology. An air photograph study, Pegasus Earth Sensing Corporation.

3. Soil geochemical surveys on the new grid, Placer Dome Inc.

4. Geological Mapping. 1:10,000 scale over the west half of the property by Bailey Geological Consultants Ltd.

5. Prospecting and sampling, Placer Dome Inc.

Much of the western half of the property appears to be underlain by the Thuya Batholith, a hornblende to biotite granodiorite. The northeast trending ultramafic-gabbro complex to the east is displaced by a northeast trending structural zone that passes north of Montigny Lake to Dum Creek.

The soil surveys did not indicate any moderate to strong copper-gold anomalies over the intrusive area. There appears to be a poor copper-gold correlation based on statistics derived from the 1992 data.

Limited prospecting on the property identified pyritic and siliceous alteration zones in intrusive rocks near the main northwest structural zone. Samples from the alteration yielded anomalous gold values (only), quartz veins within the alteration zones yielded significant Au, Ag, Cu, and Pb values. Skarn mineralization in the northern part of the property yielded zinc values associated with arsenic and elevated Au, Cu and Pb.

Based on the 1992 data a porphyry copper-gold environment does not appear to be present in the western half of the property. Precious and base metal mineralization is either structural-alteration or skarn related.

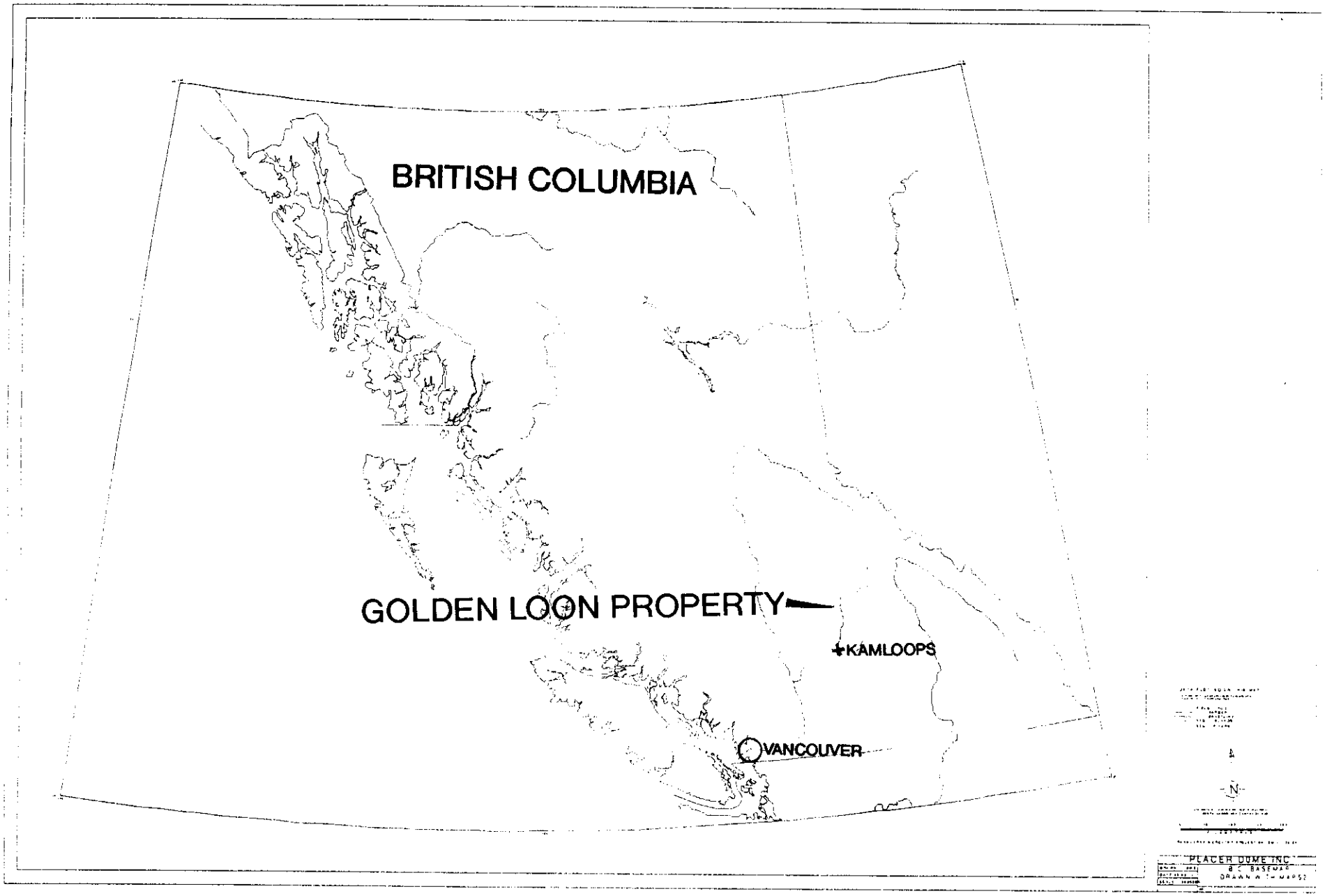


FIGURE 1: LOCATION MAP

1.0 INTRODUCTION

This report presents the results of a 1992 exploration program, conducted by Placer Dome Inc. on the Golden Loon Property in Kamloops Mining Division. The exploration target for this program was intrusive hosted, "porphyry style" mineralization in the western half of the property. During the program, the property was expanded by the staking of 20 new claims (58 units) along the western border.

This report describes geological and geochemical programs undertaken on the Golden Loon Mineral claims during 1992. All this work was supervised and financed by Placer Dome Inc. The total cost of the program, excluding staking costs, is $116,460.75 of which $111,800 is being filed for assessment credit.

1.1 Location and Access

The Golden Loon claim group is covered by NTS sheet 92P/8 and is centred seven kilometres west of Little Fort, B.C. Little Fort is a small settlement on Highway 5, 100 km north of Kamloops. (Figure 1) A network of well travelled forestry and logging roads afford good access to most parts of the property from both Little Fort to the east and Thuya Resort and Eakin Creek Valley to the west.

1.2 Property

The property described in this report consists of eight contiguous mineral claims (modified grid), plus fourteen 2 post claims totalling 170 units (4250 hectares) located in the Kamloops Mining Division (NTS 92-P-8) and shown in Figure 2. The claims are:

Claim Name	Units	Record Number	Expiry Date	Hectares
Golden Loon I	20	217292(5541 old No.)	1996/03/09	500
Golden Loon II	20	217293(5542 old No.)	1996/03/09	500
Golden Loon III	20	217294(5543 old No.)	1996/03/09	500
Golden Loon IV	20	217295(5544 old No.)	1996/03/09	500
Golden Loon V	20	217548(6539 old No.)	1996/03/07	500
Golden Loon VI	20	217549(6540 old No.)	1996/03/07	500
Golden Loon VII	16	217550(6549 old No.)	1996/03/14	400
Golden Loon IX	20	217552(6556 old No.)	1996/03/27	500
Luc 1	1	218169	1996/09/09	25
Luc 2	1	218170	1996/09/09	25
Luc 3	1	218171	1996/09/09	25
Luc 4	1	218172	1996/09/10	25
Luc 5	1	218173	1996/09/10	25
Luc 6	1	218174	1996/09/10	25
Luc 7	1	218175	1996/09/10	25
Luc 8	1	218176	1996/09/10	25
Luc 9	1	218177	1996/09/10	25
Luc 10	1	218178	1996/09/10	25
Luc 11	1	218179	1996/09/10	25
Luc 12	1	218180	1996/09/10	25
Luc 13	1	218181	1996/09/10	25
Luc 14	1	218182	1996/09/10	25

This property is owned by Mineta Resources Ltd. now Star of Mineta., 415-470 Granville St. Vancouver, B.C. December 9, 1991 (Amended April 1992) Mineta granted Placer Dome Inc. an option on the property. Placer Dome, by paying Mineta an aggregate of $470,000 and incurring a minimum of $2,500,000 in exploration expenditures could earn a 70% undivided interest in the claims.

Following the release of new regional geochemical data in the summer of 1992, (MEMPR BC RGS 36) Placer Dome Inc. staked twenty claims totalling 58 units (1450 hectares) at the northwestern edge of the optioned group (Figure 2). These claims are presently owned by Placer Dome Inc. but fall within the Mineta Agreement and will be transferred to that company of termination of the option. The new claims are as follows:

Claim Name	Units	Record No.	Expiry Date	Hectares
Golden Loon 10	20	311057	1993/07/10	500
Golden Loon 11	20	311058	1993/07/07	500
Golden Loon 12	1	311026	1993/07/07	25
Golden Loon 13	1	311027	1993/07/07	25
Golden Loon 14	1	311028	1993/07/07	25
Golden Loon 15	1	311029	1993/07/07	25
Golden Loon 16	1	311030	1993/07/09	25
Golden Loon 17	1	311031	1993/07/09	25
Golden Loon 18	1	311032	1993/07/09	25
Golden Loon 19	1	311033	1993/07/09	25
Golden Loon 20	1	311034	1993/07/09	25
Golden Loon 21	1	311035	1993/07/09	25
Golden Loon 22	1	311036	1993/07/08	25
Golden Loon 23	1	311037	1993/07/08	25
Golden Loon 24	1	311038	1993/07/08	25
Golden Loon 25	1	311039	1993/07/08	25
Golden Loon 26	1	311040	1993/07/08	25
Golden Loon 27	1	311041	1993/07/08	25
Golden Loon 28	1	311042	1993/07/08	25
Golden Loon 29	1	311043	1993/07/08	25

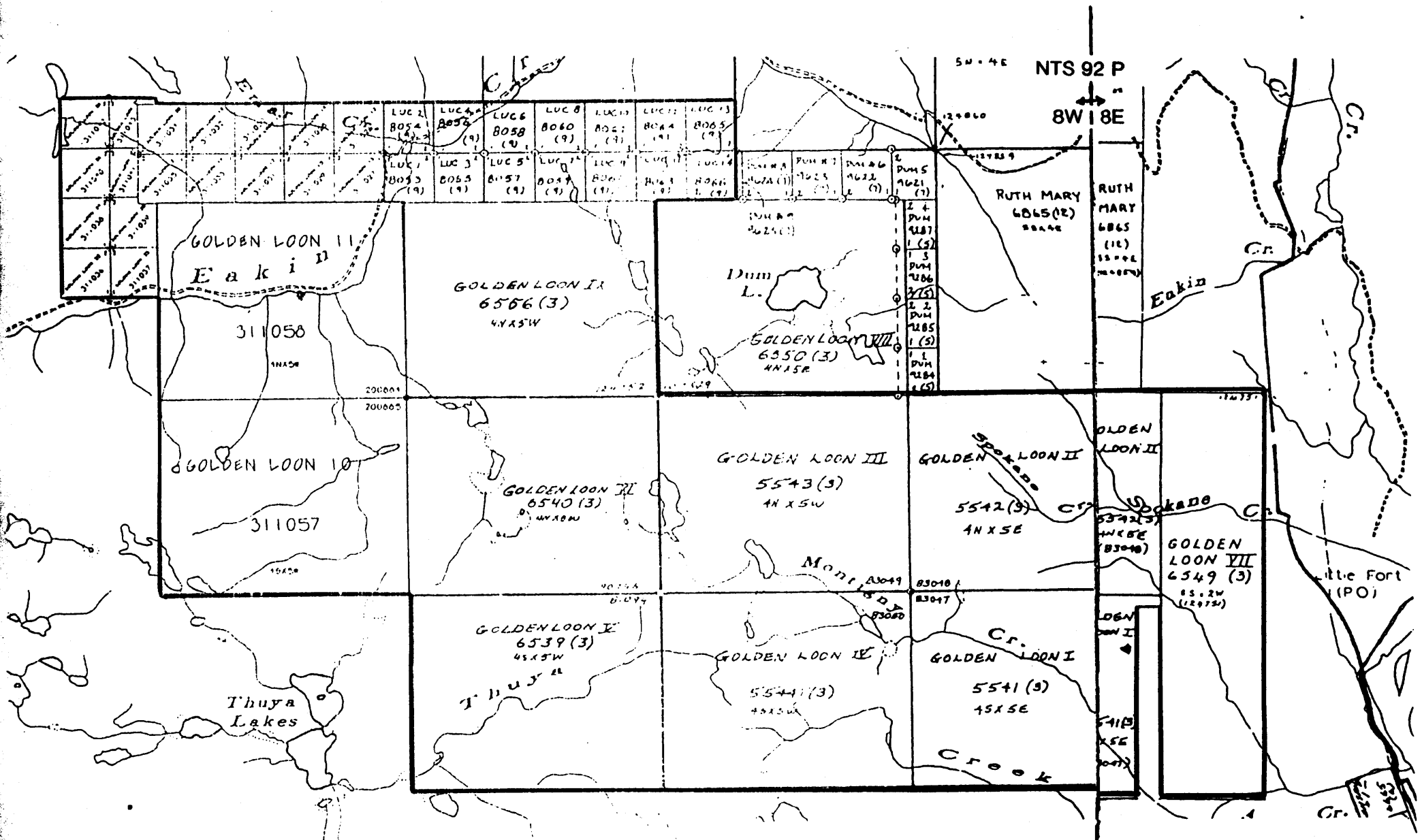


FIGURE 2. GOLDEN LOON PROPERTY

CLAIM MAP

1.3 Physiography and Vegetation

The original Golden Loon Property lies to the south of Eakin Creek gorge and occupies an undulating plateau region between 1100 and 1400 m in elevation. In the east, the Golden Loon I, II, and VII claims cover the edge of the plateau and the western valley slopes of the North Thompson River, down to 550 m elevation. In the northwest the new claims straddle Eakin Creek and cover steep topography with up to 500 m relief. (Figure 4)

Vegetation on the property is generally thick with stands of mature pine and, or poplar. Large sections of the western area were logged between ten and fifteen years ago and have very thick alder and scrub vegetation. Recent logging activity has taken place on the central and eastern claims involving small clear-cut blocks.

1.4 History and Previous Work

During the early 1920's interest was generated in the placer gold deposits of Eakin Creek. In 1923 placer claims were held on a 2.4 km stretch of Eakin Creek directly north of the Golden Loon II claim, upstream from the confluence with Lemieux Creek. Coarse gold was found in the higher bench gravels. The source of the placer gold has never been located but could come from the northern part of the Golden Loon Property.

The area presently covered by the western part of the claim group has been subject to a number of more "grass roots" geochemical and geological programs. Noranda Exploration, in the 1960's, looked at Cu, Ni anomalies largely associated with the main ultramafic unit on the Kira Group. Rio Tinto, in their 1973 soil program, outlined Cu, Zn and Pb anomalies west of Dum Lake with no recorded follow-up. Teck Corporation's work on the Minerva claims in 1980 and 1981 outlined Ag, Cu soil anomalies in the western area. None of these soil surveys included gold analyses and none of the copper anomalies over the Thuya intrusives in the western area were tested.

Mineta Resources Ltd., between 1987 and 1989, financed a number of geochemical and geophysical surveys on the eastern half of the property. Detailed exploration south and west of Dum Lakes located a number of new targets on the Golden Loon VIII claim.

Corona Corporation optioned the Golden Loon Property in 1990 and conducted an integrated geological, geochemical, geophysical, trenching and diamond drilling program largely in the Dum Lake area (Golden Loon VIII). This program developed and tested Mineta's gold targets. Six holes tested a strong northerly trending zone of silicification cutting monzonitic to monzodioritic intrusive rocks southwest of Dum Lake, the best gold intersection was 2.67 g/t over 10.4 m in hole GL-04. Corona did very little work in the western half of the property other than some preliminary prospecting.

1.5 Regional Geology and Mineralization

The regional geology of the Little Fort area, which is largely based on GSC Map 1287A accompanying the Bonaparte Lake Memoir 363 by Campbell and Tipper (1971), is illustrated in simplified form in Figure 3.

The North Thompson Valley lies along a major (regional) northerly trending fault system marking the boundary between the Omineca Belt (to the east) and Intermontane Belt (to the west). To the south of Little Fort, the fault zone separates deformed Fennel (Mississippian) and Eagle Bay Formation (Palaeozoic) volcanics and sediments to the east from less deformed Nicola group Volcanics (Triassic) and Mesozoic intrusive rocks (Thuya Batholith) to the west. At Little Fort, the fault zone splays to the northwest into a wide zone of complex faulting (fault duplex!) north of the Thuya Batholith.

The Golden Loon Property covers the northeastern margin of the Thuya Batholith and its contact with strongly faulted Nicola Group volcanics. A northwesterly trending zone of ultramafic rocks occurs along a fault zone (deep seated?) near this contact.

A number of gold and base metal occurrences are known in the area. The majority of these are located in the zones of complex faulting northwest of Little Fort. Many of the occurrences can be related to relatively small alkalic and calc-alkalic intrusives. Five kilometres north of the Golden Loon Property (on the Cedar Claim Group), copper mineralization with gold and silver values is associated with a narrow skarn zone developed at the margins of a dioritic dyke.

The northern part of the Golden Loon Property could be a source area for the gold placers in Eakin Creek which is located 1.5 km northeast of Dum Lake.

1.6 Property Geology

The area covered by the Golden Loon II, III and VIII mineral claims has received detailed geological mapping by Wells (1989, 1990). Outside of this area around Dum Lake there has been very limited geological mapping apart from reconnaissance.

The property covers a zone of complex faulting at the northern edge of the Thuya Batholith (Jurassic). Much of the southern and western parts of the property is underlain by poorly exposed granitic rocks of the batholith. A northwesterly trending ultramafic unit up to 1.5 km wide forms a prominent ridge cutting diagonally across the claims, north of the main batholith. It is a continuous body, not a series of lenses as suggested by the 1971 GSC map and stands out on regional airborne magnetic maps as a positive feature some 2000 to 3000 nT above background.

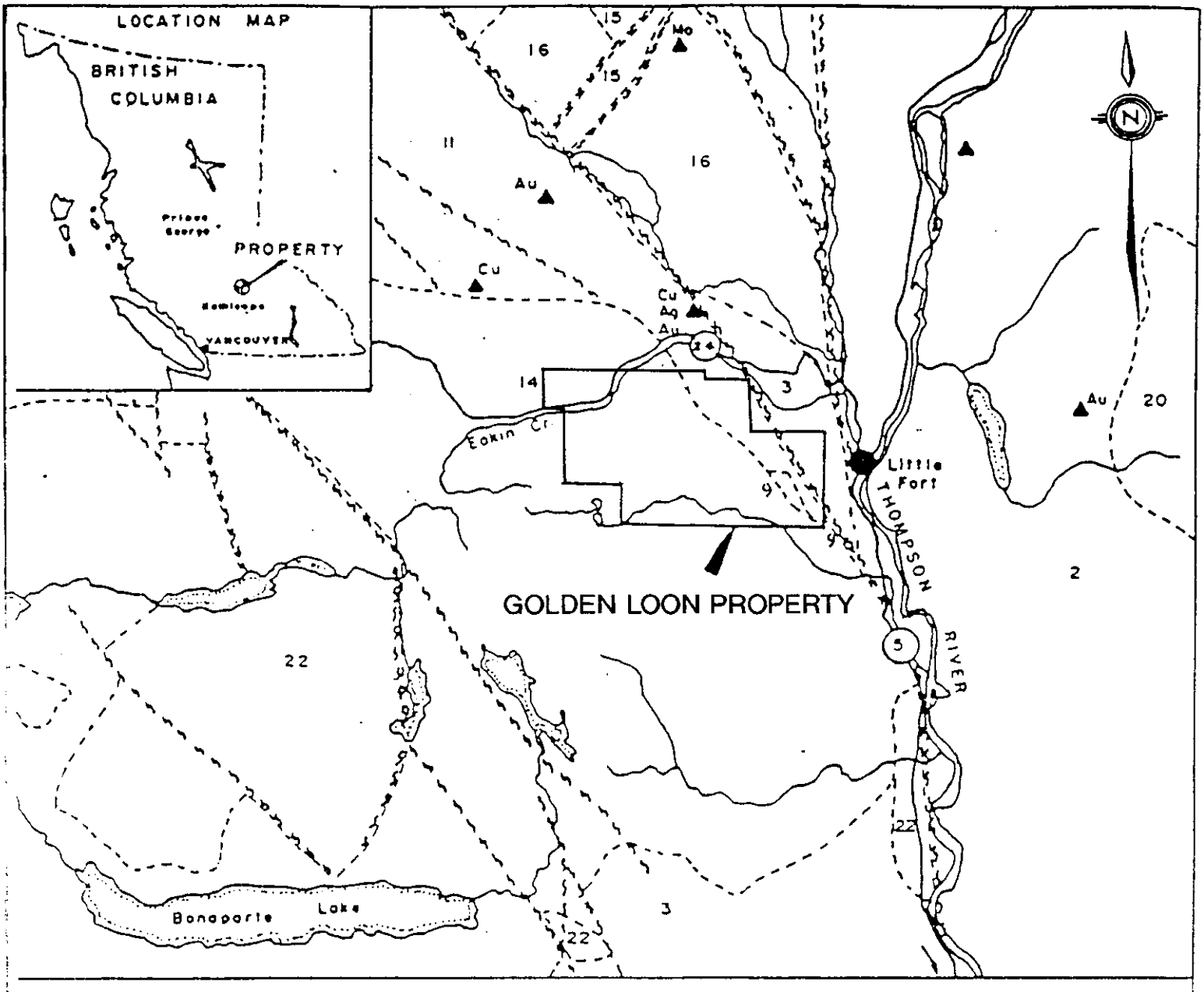
Geological traverses in the area indicated compositional layering with thick bands of dunite, peridotite, pyroxenite and gabbro. In the Dum Lake area, north of the ultramafic unit, Nicola Group volcanics and sediments are intruded by a mixed group of rocks ranging in composition from syenogabbro to quartz monzonites. These may represent contaminated, satellitic intrusive bodies to the Thuya Batholith or later more alkalic intrusive activity (like Rayfield River to the west?).

Mineralization in the Dum Lake area is hosted by the more alkalic monzonitic to monzodiorite intrusives and features either;

1) Quartz veins with pyrite $\pm$ galena and chalcopyrite. Variable wallrock silicification, K. feldspar and propylitic alteration. Au, Ag $\pm$ Cu, Pb.

2) Structurally controlled, northerly trending alteration zones with silicified core zones and wide propylitic, chlorite-pyrite haloes. Au minor Ag.

In the eastern part of the property, along the main north trending structures, a number of quartz veins have been documented with Ag and Pb values, gold values are low.



LEGEND

22	SKULL HILL FORMATION (TERTIARY) Felsic to intermediate volcanics.
20	RAFT AND BALDY BATHOLITHS (Cretaceous) Granitic intrusives.
15	INTERMEDIATE VOLCANICS WITH SEDIMENTS (JURASSIC)
14	THUYA BATHOLITH (TRIASSIC/JURASSIC) Granodioritic intrusive.
11	NICOLA GROUP (TRIASSIC) Intermediate volcanics with sediments.
9	ULTRAMAFIC INTRUSIVES (EARLY MESOZOIC)
3	EAGLE BAY (LATE PALEOZOIC) Mixed volcanics and sediments.
2	FENNEL FORMATION (MISSISSIPPIAN) Mixed basic volcanics and sediments.

0 5 10 Kilometres

▲ Mineral occurences

Major faults

PLACER DOME INC.

REGIONAL GEOLOGY MAP
GOLDEN LOON PROPERTY
LITTLE FORT AREA
KAMLOOPS M.D., B.C.

DRAWN BY K.G.	N.T.S. 92-P-8
1-2-1993	FIG.3

2.0 THE 1992 EXPLORATION PROGRAM ON THE PROPERTY

2.1 Introduction

The 1992 exploration program on the Golden Loon Property was conducted and financed by Placer Dome Inc., 1440 Hugh Allan Drive, Kamloops, B.C. This work was completed between May 25 and September 8, 1992.

Previous exploration in the western half of the property by Noranda (1960's), Rio Tinto (1973) and Teck (1980) had indicated significant copper anomalies over Thuya intrusive rocks. None of these soil surveys had involved gold analyses. Strongly silicified and quartz veined monzonite float in this area had returned anomalous gold values to 300 ppb during Corona's 1990 program. A good case could be made for potential intrusive related (porphyry) copper-gold mineralization in this area.

Placer Dome's 1992 program was designed to develop porphyry style targets in the western half of the property. It included grid preparation, terrane (air photograph) analysis, soil geochemical, prospecting and geological surveys.

Project supervision was by Jean-Francois Metail, geologist with Placer Dome Inc. Data compilation and report writing was by R.C. Wells, Consulting Geologist.

2.2 Grid Preparation

Grid preparation on the property consisted of 20 km of control lines cut, chained and picketed to IP standard on the western claims. This work was by Peripheral Exploration Ltd. of Barriere, B.C. and was completed in July 1992.

The grid is shown in Figure 5 and consists of a north trending Base Line 4 km long, three parallel tie-lines and two control survey lines at 10,000N and 12,000N. This cut grid provided the control for 200 m spaced, east trending, compass and topofil survey lines used during the geochemical and geological surveys. These survey lines are also shown in Figure 5.

2.3 Terrain Analyses

Pegasus Earth Sensing Corporation, Vancouver, B.C. was contracted to conduct a terrain analyses of the property area. This air photograph study focused on the glacial geology and was at 1:30,000 scale. Studies of this nature are useful in designing soil geochemical programs and in the interpretations of results.

The Pegasus report by T.H.F. Reimchen is included in Appendix 2. Much of the western area has a variable through generally thin cover of glacial moraine with local washed fluvial materials. The predominant ice direction appears to be towards the southeast, however, some more easterly trends have been interpreted locally.

2.4 Soil Geochemical Surveys

Method

A total of 1083 soil samples was collected at 25 m intervals along east trending lines, 200 m apart.(Figure 7) The samples were collected from the "C" horizon where possible using either narrow bladed treeplanting shovels or 1.5 m long hand augers. Parts of the eastern grid are swampy with lacustrine silts making sampling difficult.

Samples were placed in standard brown kraft envelopes and labelled with a station number/identification number. Notes were taken at each sample site regarding site conditions, sample depth, soil composition, grain size and rock fragment composition.

Preparation and Analysis

The soil sampling program was in two phases. Samples from the first phase, covering the eastern half of the grid, (784 samples) were sent to the Placer Dome Research Centre in Vancouver for analysis. Samples from the second phase, covering the western half of the grid, (299 samples) were sent to EcoTech Laboratories Ltd. in Kamloops, B.C.

In both cases the samples were dried and sieved to extract the -80 mesh sized fraction.

The first sample batches were analyzed for 27 elements by ICP (Inductively Coupled Plasma). Gold was determined by Atomic Absorption Spectrophotometry (AAS) using a graphite furnace following aqua regia digestion.

The samples sent to Eco Tech were analyzed for 30 elements by ICP. Gold was determined by atomic absorption following fire assay preconcentration and aqua regia digestion.

All soil geochemical data including certificates of analyses can be found in Appendix 3.

Data Handling and Maps

All geochemical data was entered into a computer ASCII file. Programs, such as EXPL-stats, Probplot and OP70 were used to determine basic statistics. Histograms for gold, copper, lead and zinc and scatterplots with gold against copper, lead and zinc are included in Appendix 3b. A number of computer generated maps with geochemical data occur in this report and include; a sample location map (Figure 7.0), Gold (Figure 7.1), Copper (Figure 7.2), Lead (Figure 7.4), and Zinc (Figure) soil geochemical plans.

Results and Interpretation

1. Gold (Figure 7.1)

Gold in soil values in the western part of the property are low, rarely exceeding 50 ppb, the highest value obtained was 82 ppb. A number of single station anomalies with gold values greater than 50 ppb are scattered throughout the grid. Contouring the grid data using low thresholds suggests that the western half of the grid has slightly higher background gold values compared to the east. This difference is however, more a reflection of the detection limit of the two different laboratories.

2. Copper (Figure 7.2)

Copper values are predominantly less than 100 ppm with a population mean of 30.7 ppm and maximum value of 1297 ppm. A number of copper anomalies exceeding 100 ppm occur in the central and northeastern parts of the grid generally on the higher areas. These anomalies roughly coincide with those outlined by Rio Tinto (1973) and Teck Corporation (1980's). There are no distinct linear trends to the anomalies, they are spot highs or small clusters less than 100 m in diameter.

3. Lead (Figure 7.3)

Lead values are predominantly less than 30 ppm with a population mean of 10.7 ppm and maximum value of 195 ppm. Anomalous values greater than 50 ppm cluster in the low swampy areas in the eastern part of the grid. The anomaly trends north, northwest following the main drainage and probably represents hydromorphic concentration.

4. Zinc (Figure 7.4)

Zinc values are generally low, less than 100 ppm with a population mean of 59 ppm and maximum value of 181 ppm. Weakly anomalous zinc values cluster in the northeastern part of the grid roughly coincident with the area of copper anomalies.

5. Comments

Copper and semi coincident zinc anomalies occur on the higher ground in the eastern half of the grid. In this area, the soil samples were largely from the "C" horizon which strongly suggests a nearby bedrock source for the anomalous values.

Gold does not correlate with anomalous copper, lead or zinc (see scatterplots in Appendix 3b). The origin for spot gold anomalies in the northern half of the grid is unknown.

2.5 Geological Mapping

Bailey Geological Consultants (Canada) Ltd. was contracted to map the western half of the property. This geological mapping was at 1:10,000 scale and used the control grid and 1:18,000 air photographs for location. A report by D.G. Bailey including a geological map (Figure 11) is included in Appendix 5.

Comments

Much of the western half of the property appears to be underlain by Thuya Batholith, hornblende-granodiorite. The northwest trending ultramafic-gabbro complex to the east is displaced by a northeast trending, steeply dipping fault zone that passes north of Montigny Lake to Dum Creek.

During the mapping, zones of strongly silicified granodiorite with pyrite were identified at the southern end of the grid at 9000E. These are not far from the Dum Creek fault zone.

Bailey, in his concluding remarks, suggests that porphyry gold mineralization on the mapped part of the property is unlikely. The silicification and quartz veining with associated gold is probably a post magmatic event.

2.6 Prospecting and Sampling

Prospecting was conducted over two short periods, largely by P. Watt (prospector) and used air photograph or grid control. Sample locations and values are illustrated in Figures 10.0 to 10.2. A total of 69 samples taken during the prospecting were selected for analysis; descriptions of these can be found in Appendix 4b. The samples were shipped to Eco Tech Laboratories Ltd. in Kamloops and run for 30 element ICP and geochemical AA for gold. Analytical results are available in Appendix 4a.

Results

Two areas of mineralized outcrop or subcrop were located during the prospecting.

1) Northern Area (Luc 7 to 11 claims)

In this area, brecciated dioritic intrusive rocks are in contact with hornfelsed volcanics and sediments with pyrite and local sphalerite. Limey units are converted to garnet-epidote skarn (Sample 3821). Selected samples from the hornfels (Samples 11940, 3821) yielded significant zinc values up to 0.89% with associated arsenic and elevated gold, copper and lead. Silicified dioritic breccia with quartz vein stockwork yielded a gold value of 735 ppb (sample 11941). This area was not covered by the 1992 soil geochemical survey. It lies very close to the properties northern boundary.

2) Central Golden Loon VI Area

This area on the higher ground in the central part of the claim has heavy scrub vegetation. Silicified and quartz vein granodiorite to monzonite outcrop, subcrop and float in an area 500 m north-south by 400 metres wide yielded numerous gold values in the 100 to 600 ppb range. A sample from a quartz vein zone with significant pyrite, galena and chalcopyrite (sample 3808), yielded 2 g/t Au, 27.4 g/t Ag, 0.56% Pb and 1106 ppm Cu. This alteration and mineralization with gold only, in the pervasively silicified intrusives, and Au, Ag, Cu and Pb in quartz veins is very similar to that near Dum Lake on the Golden Loon VIII claim. The common link is that both areas lie close to a major northeast trending fracture zone which crosses the property.

Silicified intrusive float was found through prospecting in other areas on the grid. Most of these samples yielded elevated gold values, however, values greater than 100ppb were rare.

3.0 REFERENCES

CAMPBELL, R.B. and H.W. TIPPER (1971) Geology of Bonaparte Lake Map Area, British Columbia, GSC Me. 363

DEPARTMENT OF ENERGY MINES AND RESOURCES (1968) Airborne Magnetic Survey, Chu Chua Sheet, Series 52249

EVANS, C.T. and BELLAMY, J. (1990) Diamond Drill Report: Assessment Report for Corona Corporation

LUTJEN, L.J. and LODMELL, R.D. (1985) Prospecting Assessment Report on Golden Loons I to IV. Assorted maps, diagrams and assays for the Golden Loon Property.

NORANDA EXPLORATION CO. LTD. (1967) Assessment Report No. 1055. Geochemical Soil Survey of the Kira Mineral Claims

TECK CORPORATION (1981) Assessment Report NO. 9061. Minerva Claims Geochemical and Geological Report.

WELLS, R.C. (1987) Assessment Report. Geochemical Report on the Golden Loon Claim Group.

WELLS, R.C. (1988) Assessment Report. Phase 1 and 2 Exploration on the Golden Loon Claim Group.

WELLS, R.C. (1990) Assessment Report. Geological, Geochemical and Geophysical Report on the Golden Loon Claim Group.

YORSTON, R. and IKONA, C.K. (1985) Geological Report on the Cedar I to IV Mineral Claims, Kamloops Mining Division for Craven Resources

4.0 STATEMENT OF EXPENDITURES

1. Field and Office Personnel - Placer Dome Inc.

J.F. Metail, geologist, 66 days @$380	$25,080.00
G. Lustig, Senior Geologist, 3 days @$540	1,620.00
T. Campbell, Technical, 4 days @$325	1,300.00
P. Watt, Geotech, 54 days @$215	11,600.00
G. Demers, Geotech, 10 days @$215	2,150.00
R. Krauss, Geotech, 11 days @$215	2,365.00
T. Stone, Student, 31 days @$215	6,665.00
C. Woolverton, Geotech, 18 days @$215	3,870.00
T. Muraro, Student, 6 days @$215	1,290.00
B. Kahlert, Student, 12 dyas @$215	2,580.00
R. McLeod, Student, 17 days @$215	3,655.00
E. McKenzie, Geotech, 2 days @$215	430.00
Salaries Sub Total	$62,605.00

2. Contractors

Linecutting - C. Marlow, Peripheral Exploration	$8,100.00
D. Bailey Geological Consultants (Canada Ltd) - Geological Mapping	7,712.96
Pegasus Earth Sensing Corporation - Terrain Analyses	1,575.00
Kamloops Geological Services Ltd.- Report Preparation	3,420.00
Sub Total	$20,807.96

3. Analytical Costs

Placer Dome Research Centre, Vancouver	$11,417.85
Eco Tech Laboratories, Kamloops	5,179.04
Freight	449.36
Sub Total	$17,046.25

Statement of Expenditures, Cont...

4. Other Costs

Lodging, Thuya Lake Lodge	$3,723.53
Food, groceries	5,750.43
Trucks, expenses, gas	3,943.00
Supplies	2,257.90
Misc. eg. telephone	326.90
Sub Total	$16,001.54

Total Program Cost **$116,460.75**

5.0 STATEMENT OF QUALIFICATIONS

I, Ronald C. Wells, of the City of Kamloops, British Columbia, herby certify that:

1. I am a Member of the Geological Association of Canada

2. I am a graduate of the University of Wales, U.K. with a B. Sc. Hons. in Geology (1974), did post graduate (M. Sc.) studies at Laurentian University, Sudbury, Ontario (1976-77) in Economic Geology.

3. I am presently employed as Consulting Geologist and President of Kamloops Geological Services Ltd., Kamloops, B.C.

4. I have practiced continuously as a geologist for the last 14 years throughout Canada and USA and have past experience and employment as a geologist in Europe.

5. Ten of these years were in the capacity of Regional Geologist for Lacana Mining Corp. then Corona Corporation in both N. Ontario/Quebec and S. British Columbia.

R.C. Wells, B. Sc., F.G.A.C.

Dated

Feb 24, 1993

STATEMENT OF QUALIFICATIONS

I, Jean-François Métail, of #207-1103 Hugh Allan Drive, Kamloops, B.C., do hereby certify that:

1. I graduated from the Université de Montréal, Montréal, Québec, with a B. Sc. Major in Geology in 1991.

2. From 1987 to the present, I have been studying and/or working in the field of geology both in Canada and internationally. I have held various contract positions with Placer Dome Inc. since 1988.

3. I have assisted with the field work and data compilation for the Golden Loon 1-7, Golden Loon 9-29 and Luc 1-14 mineral claims located in the Kamloops Mining District.

Respectfully Submitted,

Jean-François Métail, B.Sc.

Feb. 15th/93.
Date

APPENDIX 1

PROPERTY AND GRIDS

APPENDIX 3

GEOCHEMICAL DATA (SOILS)

3a. SOIL SAMPLE GEOCHEMICAL CERTIFICATES

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
B18	12	69	0.2	<5	182	0.4	<2	0.45	<0.1	15	44	1.55	3.44	0.26	9	0.85	600	4	<0.01	18	0.10	3	<5	28	0.06	50	<5	78
B19	9	62	0.1	<5	104	0.3	<2	0.37	<0.1	13	42	1.32	3.14	0.24	9	0.84	611	<1	<0.01	14	0.08	3	<5	21	0.06	48	<5	76
B20	12	35	<0.1	<5	77	0.3	3	0.23	0.4	10	40	1.26	2.70	0.21	8	0.65	293	1	<0.01	14	0.05	4	<5	17	0.06	40	<5	47
B21	3	7	0.2	<5	150	0.4	<2	0.24	<0.1	8	29	1.74	1.79	0.05	3	0.24	267	1	<0.01	22	0.22	5	<5	20	0.06	22	<5	45
B22	2	8	0.2	<5	116	0.3	2	0.20	<0.1	8	48	1.59	1.85	0.06	3	0.30	220	1	<0.01	37	0.16	3	<5	17	0.05	21	<5	52
*B23	5																											
B23	225	18	0.3	<5	162	0.4	<2	0.19	<0.1	10	39	2.08	2.77	0.04	4	0.29	206	4	<0.01	23	0.14	4	<5	20	0.07	39	<5	50
B23	7																											
B24	30	14	0.3	<5	103	0.3	<2	0.14	<0.1	7	37	1.16	2.16	0.07	4	0.37	184	4	<0.01	15	0.06	3	<5	15	0.05	32	<5	36
B25	11	19	0.2	<5	213	0.3	<2	0.24	<0.1	8	40	1.40	2.19	0.07	4	0.42	425	9	<0.01	26	0.13	2	<5	19	0.05	27	<5	72
B26	4	17	0.1	<5	111	0.3	<2	0.18	<0.1	9	50	1.45	2.26	0.09	3	0.57	307	2	<0.01	38	0.07	1	<5	18	0.06	30	<5	47
B26*	2	16	0.1	<5	103	0.3	2	0.17	<0.1	9	49	1.34	2.18	0.09	3	0.55	286	3	<0.01	42	0.07	2	<5	16	0.05	29	<5	45
B27	9	32	0.1	11	47	0.7	3	0.15	0.4	13	45	0.76	1.92	0.10	15	0.43	192	6	<0.01	24	0.03	6	7	19	0.05	41	20	39
B28	4	16	0.4	<5	167	0.4	<2	0.22	<0.1	7	28	1.80	1.99	0.06	4	0.27	244	5	<0.01	25	0.14	2	<5	18	0.07	27	<5	46
B29	8	18	0.1	<5	226	0.2	<2	0.16	<0.1	8	33	1.29	2.07	0.09	4	0.42	187	7	<0.01	14	0.08	<1	<5	16	0.05	30	<5	56
B30	19	27	0.1	<5	163	0.2	<2	0.15	<0.1	7	29	1.03	2.24	0.10	4	0.48	219	3	<0.01	6	0.08	<1	<5	14	0.04	29	<5	50
B31	6	17	<0.1	<5	162	0.3	<2	0.22	<0.1	6	31	1.40	1.95	0.07	4	0.37	203	5	<0.01	15	0.12	<1	<5	19	0.05	26	<5	69
B32	4	15	0.4	<5	173	0.3	<2	0.23	<0.1	7	31	1.42	1.94	0.08	4	0.37	250	6	<0.01	15	0.13	2	<5	20	0.05	26	<5	73
B33	1	13	0.4	<5	116	0.2	<2	0.30	<0.1	6	34	1.06	1.85	0.04	4	0.32	151	6	<0.01	12	0.02	3	<5	24	0.04	29	<5	31
B34	2	16	0.3	<5	109	0.3	<2	0.16	<0.1	7	30	1.29	2.11	0.07	3	0.37	191	4	<0.01	21	0.10	<1	<5	13	0.05	33	<5	48
B35	7	12	0.2	<5	129	0.3	<2	0.18	<0.1	7	34	1.11	2.15	0.09	4	0.33	168	3	<0.01	15	0.14	1	<5	14	0.04	31	<5	44
B35*	3	11	0.2	<5	125	0.2	<2	0.16	<0.1	6	26	1.02	1.98	0.04	4	0.31	134	5	<0.01	17	0.12	<1	<5	14	0.03	29	<5	40
B36	3	26	0.3	8	120	0.8	6	0.19	0.3	12	50	1.44	3.27	0.04	16	0.53	215	7	<0.01	33	0.12	12	<5	24	0.05	46	17	47
B37	3	17	0.3	<5	126	0.3	3	0.15	<0.1	7	37	1.16	1.91	0.04	5	0.36	375	9	<0.01	22	0.09	7	<5	14	0.04	31	5	58
B38	4	19	0.3	<5	135	0.4	2	0.16	<0.1	8	42	1.79	2.30	0.03	5	0.47	436	8	<0.01	33	0.09	6	<5	18	0.07	37	<5	38
B39	1	19	0.5	<5	123	0.3	3	0.17	<0.1	8	36	1.13	1.96	0.04	5	0.32	305	8	<0.01	29	0.06	7	<5	17	0.07	31	<5	61
B40	4	52	0.3	<5	98	0.2	3	0.40	<0.1	11	51	1.43	2.89	0.13	6	0.42	465	10	<0.01	47	0.02	6	<5	28	0.07	46	<5	59
B41	1	22	0.4	<5	148	0.5	<2	0.14	<0.1	9	39	1.24	2.43	0.04	4	0.36	261	5	<0.01	37	0.08	8	<5	14	0.08	34	<5	61
B42	1	29	0.3	<5	166	0.4	<2	0.13	<0.1	9	35	1.19	2.30	0.03	4	0.41	436	11	<0.01	11	0.19	7	<5	12	0.06	31	<5	56
B43	19	29	0.4	<5	98	0.3	<2	0.15	<0.1	10	40	1.66	2.96	0.05	6	0.61	235	<1	<0.01	13	0.12	8	<5	17	0.06	43	<5	80
B44	<1	15	0.8	<5	116	0.5	<2	0.24	<0.1	4	23	2.93	1.62	0.04	4	0.39	364	<1	0.01	4	0.34	9	<5	23	0.10	17	<5	50
B44*	<1	14	0.8	<5	112	0.5	<2	0.24	<0.1	5	23	2.85	1.56	0.04	5	0.08	298	<1	0.01	5	0.33	12	<5	22	0.09	16	<5	49
B45	2	38	0.6	14	156	1.1	3	0.11	0.4	14	39	1.85	2.58	0.05	17	0.22	501	9	<0.01	42	0.20	10	<5	19	0.08	44	17	60
B46	2	26	0.7	<5	162	0.5	<2	0.12	<0.1	9	32	1.51	2.35	0.07	6	0.48	258	4	<0.01	40	0.25	5	<5	11	0.11	32	<5	78
B47	5	17	0.4	<5	86	0.2	<2	0.11	<0.1	8	38	1.54	1.80	0.06	3	0.32	315	6	<0.01	28	0.07	3	<5	11	0.07	31	<5	65
B48	4	40	0.4	<5	106	0.4	<2	0.13	<0.1	16	55	1.73	3.41	0.11	3	0.47	300	7	<0.01	55	0.07	2	<5	12	0.10	53	<5	75
B49	1	13	0.5	<5	116	0.4	<2	0.19	<0.1	9	38	1.54	1.74	0.06	3	0.28	741	9	<0.01	39	0.12	5	<5	14	0.07	24	<5	61
B50	5	22	0.2	<5	110	0.3	<2	0.32	<0.1	14	53	1.29	2.83	0.17	4	0.70	154	7	<0.01	50	0.03	9	<5	28	0.09	57	<5	67
B51	4	20	0.2	<5	103	0.3	<2	0.32	<0.1	13	50	1.39	2.82	0.13	4	0.66	265	6	<0.01	35	0.03	7	<5	28	0.09	55	<5	70
B52	<1	22	0.3	<5	92	0.5	<2	0.15	<0.1	6	29	2.46	2.02	0.05	3	0.20	190	5	<0.01	15	0.21	7	<5	14	0.10	28	<5	40
B53	19	19	0.3	<5	157	0.4	<2	0.22	<0.1	10	45	2.20	2.32	0.08	4	0.44	328	2	<0.01	30	0.23	7	<5	30	0.08	30	<5	80
B54	4	48	<0.1	7	91	0.8	2	0.16	0.4	30	209	1.68	3.36	0.10	15	1.62	359	<1	<0.01	206	0.04	8	9	18	0.07	73	15	71
B55	19	101	0.2	<5	219	0.5	<2	0.30	<0.1	27	131	2.22	4.47	0.33	9	1.82	663	<1	<0.01	99	0.12	7	<5	22	0.10	80	<5	83
B56	3	16	0.5	<5	138	0.4	<2	0.12	<0.1	28	142	2.10	2.77	0.03	6	0.88	228	<1	<0.01	162	0.22	8	<5	11	0.10	42	<5	63
B57	5	23	0.5	<5	118	0.3	<2	0.20	<0.1	12	113	1.79	2.47	0.09	5	0.86	240	<1	<0.01	62	0.08	3	<5	16	0.08	45	<5	45
B58	19	30	0.3	<5	97	0.1	<2	0.23	<0.1	13	97	1.64	3.00	0.07	4	1.07	252	3	<0.01	52	0.02	2	<5	21	0.10	55	<5	44
B59	1	28	0.3	<5	150	0.3	<2	0.13	<0.1	20	174	2.34	3.15	0.07	3	1.07	410	<1	<0.01	89	0.26	4	10	8	0.14	56	<5	61
B60	5	147	0.3	<5	212	0.9	<2	0.71	<0.1	37	39	3.52	7.27	0.55	10	2.49	1103	4	<0.01	78	0.05	<1	<5	38	0.21	101	<5	168
B61	7	32	0.8	<5	109	0.5	<2	0.14	<0.1	14	36	2.22	2.83	0.06	5	0.55	262	3	<0.01	21	0.10	2	6	12	0.09	37	<5	68
B62	15	37	0.4	<5	113	0.4	<2	0.18	<0.1	15	46	2.07	3.07	0.13	6	0.76	283	3	<0.01	30	0.13	4	7	17	0.09	46	<5	98
B62*	9	35	0.4	<5	111	0.4	<2	0.18	<0.1	14	42	2.05	3.02	0.13	5	0.74	278	4	<0.01	28	0.12	4	<5	16	0.09	44	<5	99
B63	24	40	0.2	8	100	0.7	3	0.22	0.2	15	63	1.52	2.72	0.09	12	0.83	372	<1	<0.01	28	0.09	5	6	24	0.07	53	15	67
B64	<1	18	0.4	<5	87	0.4	<2	0.13	<0.1	8	21	1.37	1.39	0.04	5	0.12	711	<1	<0.01	<1	0.17	2	<5	11	0.07	23	<5	57
B65	4	19	0.4	<5	100	0.5	<2	0.26	<0.1	10	33	1.99	2.17	0.06	5	0.37	410	1	<0.01	13	0.18	6	<5	21	0.07	29	<5	90
B66	15	37	0.4	<5	147	0.7	<2	0.25	<0.1	13	37	2.22	2.98	0.07	9	0.54	767	2	<0.01	16	0.13	11	<5	20	0.09	46	<5	88
B67	7	37	0.7	<5	106	0.6	<2	0.23	<0.1	11	34	2.18	2.93	0.10	7	0.67	341	<1	<0.01	11	0.09	5	<5	19	0.10	48	<5	87
B68	11	38	0.4	<5	136	0.5	<2	0.27	<0.1	13	49	2.43	3.00	0.09	7	0.67	305	2	<0.01	24	0.09	6	<5	21	0.10	47	<5	71
B69	7	36	0.3	<5	106	0.5	<2	0.17	<0.1	12	46	2.44	3.21	0.06	6	0.77	344	4	<0.01	18	0.10	3	<5	16	0.10	54	<5	81
B70	10	31	0.2	<5	86	0.3	<2	0.27	<0.1	12	39	1.77	3.17	0.11	6	0.89	411	<1	<0.01	11	0.08	2	5	21	0.09	52	<5	70

* Represents re-assayed sample

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SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
B71	32	29	0.1	<5	81	0.3	<2	0.26	<0.1	12	39	1.67	3.05	0.10	5	0.84	399	<1	<0.01	11	0.07	2	<5	20	0.09	50	<5	66
B71*	36	29	0.1	<5	81	0.3	<2	0.26	<0.1	12	38	1.68	3.06	0.10	5	0.85	403	4	<0.01	12	0.07	<1	<5	21	0.09	50	<5	68
B72	16	113	0.1	14	75	0.7	2	1.91	0.4	20	50	1.09	3.28	0.21	17	0.83	624	<1	0.01	26	0.11	7	8	55	0.06	60	13	67
C17	15	92	0.3	<5	78	0.3	<2	1.69	<0.1	14	42	1.20	3.21	0.20	10	0.80	628	5	0.01	37	0.10	3	<5	55	0.08	57	<5	66
C18	11	56	0.2	<5	90	0.4	<2	0.38	<0.1	12	56	1.49	3.09	0.27	12	0.87	431	4	0.01	48	0.08	3	<5	26	0.09	47	<5	69
C19	5	55	0.2	<5	81	0.3	<2	0.37	<0.1	11	56	1.47	3.03	0.27	12	0.85	411	4	0.01	53	0.09	4	<5	25	0.09	46	<5	66
C20	8	38	0.2	<5	124	0.3	<2	0.31	<0.1	11	59	1.43	2.95	0.19	8	0.82	441	<1	<0.01	42	0.11	5	<5	28	0.08	48	<5	76
C21	17	57	0.2	<5	60	0.3	<2	0.26	<0.1	14	47	1.35	3.28	0.32	9	0.87	383	<1	<0.01	43	0.08	2	<5	21	0.10	54	<5	65
C22	18	70	0.3	<5	91	0.3	<2	0.32	<0.1	15	106	1.66	3.73	0.23	7	1.18	468	<1	<0.01	64	0.07	1	<5	28	0.09	67	<5	84
C23	6	18	0.2	<5	169	0.2	<2	0.26	<0.1	9	46	1.37	2.88	0.08	5	0.55	306	<1	0.01	27	0.13	1	<5	30	0.07	47	<5	60
C24	13	3	0.2	<5	185	0.3	<2	0.26	<0.1	6	31	1.43	1.81	0.07	4	0.24	354	1	<0.01	23	0.22	3	<5	25	0.06	26	<5	64
C25	7	36	0.3	<5	135	0.3	<2	0.40	<0.1	12	74	1.44	3.12	0.18	7	0.83	355	<1	<0.01	46	0.06	2	<5	34	0.08	55	<5	64
C25*	8	35	0.3	<5	135	0.3	<2	0.40	<0.1	12	74	1.42	3.07	0.18	6	0.82	354	2	<0.01	46	0.06	3	<5	33	0.08	54	<5	68
C26	1	19	0.3	6	182	0.4	<2	0.38	<0.1	13	73	1.67	2.56	0.18	6	0.66	455	4	0.01	47	0.08	2	<5	37	0.07	40	<5	92
C27	1	24	0.4	<5	171	0.4	<2	0.25	<0.1	11	60	1.86	2.19	0.08	5	0.42	244	<1	0.01	68	0.07	3	<5	25	0.09	35	<5	71
C28	7	168	0.5	6	114	0.4	<2	0.46	<0.1	15	63	1.66	3.08	0.12	12	0.84	740	1	0.01	103	0.05	3	<5	35	0.09	54	<5	89
C29	3	24	0.4	5	170	0.5	<2	0.22	<0.1	12	40	1.96	2.35	0.08	5	0.42	339	<1	0.01	52	0.22	8	<5	22	0.09	33	<5	153
C30	9	32	0.4	7	98	0.3	<2	0.31	<0.1	14	74	1.37	2.94	0.19	5	0.80	369	1	<0.01	48	0.06	<1	<5	29	0.09	50	<5	60
C31	4	30	0.4	6	100	0.3	<2	0.30	<0.1	14	67	1.40	2.89	0.17	5	0.76	350	<1	<0.01	46	0.07	1	<5	27	0.08	47	<5	55
C32	3	9	0.3	5	65	0.2	<2	0.18	<0.1	10	55	1.13	2.25	0.09	4	0.55	202	<1	<0.01	32	0.04	2	<5	19	0.07	39	<5	46
C33	5	24	0.4	7	95	0.4	<2	0.30	<0.1	13	58	1.74	2.99	0.08	7	0.74	303	2	<0.01	37	0.14	3	<5	36	0.07	53	<5	63
C34	20	56	0.2	<5	81	0.3	<2	0.38	<0.1	12	50	1.14	2.90	0.14	10	0.74	313	<1	<0.01	27	0.09	<1	6	29	0.06	47	<5	51
C34*	6	56	0.2	6	79	0.3	<2	0.37	<0.1	12	49	1.11	2.84	0.14	9	0.72	306	<1	<0.01	27	0.09	2	<5	28	0.06	46	<5	50
C35	8	15	0.3	<5	114	0.4	<2	0.20	<0.1	10	43	1.66	2.65	0.06	7	0.51	224	2	<0.01	27	0.13	2	<5	23	0.07	41	6	49
C36	4	11	0.3	<5	180	0.3	<2	0.21	<0.1	10	37	1.42	2.29	0.05	5	0.47	699	5	<0.01	20	0.14	<1	<5	26	0.07	36	<5	74
C37	2	9	0.4	<5	74	0.3	<2	0.14	<0.1	7	35	1.57	2.36	0.03	5	0.38	222	<1	<0.01	18	0.12	2	<5	17	0.06	40	<5	56
C38	5	17	0.1	<5	122	0.4	<2	0.18	<0.1	9	31	1.83	2.61	0.05	4	0.40	330	<1	<0.01	22	0.09	1	<5	18	0.10	44	<5	53
C39	19	11	0.3	<5	172	0.4	2	0.25	<0.1	9	30	1.92	2.33	0.09	5	0.47	363	<1	<0.01	25	0.18	<1	<5	22	0.09	35	<5	97
C40	6	31	0.7	<5	108	0.4	<2	0.19	<0.1	10	32	1.86	3.18	0.08	4	0.60	278	<1	<0.01	22	0.16	3	8	21	0.09	51	<5	67
C41	6	13	0.7	<5	82	0.3	<2	0.25	<0.1	8	22	1.35	1.86	0.07	3	0.25	491	<1	<0.01	17	0.10	3	<5	20	0.08	30	<5	55
C42	20	13	0.7	<5	123	0.7	2	0.25	<0.1	9	26	3.03	2.54	0.07	5	0.34	321	4	<0.01	21	0.25	3	<5	23	0.11	34	<5	67
C43	11	10	0.3	<5	74	0.2	<2	0.20	<0.1	7	25	1.28	2.18	0.05	3	0.36	168	2	<0.01	14	0.05	3	5	20	0.09	39	<5	51
C43*	2	11	0.3	<5	75	0.2	<2	0.20	0.1	7	24	1.26	2.17	0.05	3	0.36	165	<1	<0.01	14	0.05	2	<5	20	0.08	38	<5	50
C44	7	31	0.4	<5	127	0.3	<2	0.16	<0.1	10	47	1.32	1.99	0.06	3	0.28	248	<1	0.01	34	0.09	4	<5	14	0.10	34	5	38
C45	2	23	0.8	<5	151	0.6	2	0.19	<0.1	11	34	2.46	2.89	0.08	5	0.46	286	<1	0.01	34	0.19	9	<5	20	0.10	42	<5	108
C46	17	20	0.1	<5	99	0.3	<2	0.17	<0.1	11	35	1.43	2.62	0.09	5	0.12	423	4	<0.01	18	0.04	4	<5	19	0.09	48	<5	52
C47	3	24	0.6	<5	155	0.6	3	0.29	<0.1	13	32	2.95	3.20	0.09	5	0.51	322	2	0.01	30	0.26	14	<5	23	0.14	49	<5	181
C48	4	48	0.3	<5	106	0.8	3	0.13	<0.1	11	25	3.40	3.59	0.05	5	0.43	322	5	0.01	20	0.12	70	<5	11	0.18	70	<5	94
C49	4	30	0.2	<5	146	0.6	<2	0.27	<0.1	11	26	2.74	3.20	0.07	4	0.53	318	<1	0.01	20	0.28	12	<5	24	0.15	48	<5	110
C50	5	10	0.2	<5	265	0.8	4	0.32	<0.1	10	30	3.30	2.80	0.05	5	0.22	513	<1	0.01	15	0.71	15	<5	40	0.15	32	<5	93
C51	6	12	0.3	<5	369	1.0	3	0.40	<0.1	11	33	4.25	3.41	0.05	6	0.21	258	<1	0.01	16	1.01	18	<5	53	0.19	34	<5	98
C52	3	94	0.4	<5	75	0.6	2	0.09	<0.1	17	33	2.55	3.03	0.04	5	0.17	532	<1	<0.01	47	0.28	47	<5	6	0.17	52	<5	69
C53	10	43	0.3	<5	150	0.4	3	0.29	<0.1	14	46	2.02	2.97	0.08	5	0.21	301	<1	<0.01	35	0.21	14	<5	23	0.10	47	<5	59
C54	2	38	0.3	<5	153	0.4	3	0.15	<0.1	22	120	2.03	2.74	0.09	6	0.82	186	<1	<0.01	92	0.10	9	<5	12	0.11	59	<5	66
C55	5	30	0.5	<5	150	0.6	4	0.16	<0.1	18	102	2.61	3.93	0.08	5	0.67	239	<1	0.01	69	0.32	12	<5	10	0.14	77	<5	99
C56	1	14	0.2	<5	66	0.5	<2	0.08	<0.1	8	97	2.45	2.04	0.03	4	0.38	261	<1	<0.01	37	0.15	7	<5	6	0.10	33	<5	38
C57	2	28	0.2	<5	133	0.3	4	0.10	<0.1	16	46	1.70	2.68	0.10	4	0.48	304	<1	<0.01	87	0.15	14	<5	9	0.13	42	<5	116
C58	1	17	0.3	<5	95	0.7	<2	0.10	<0.1	8	39	3.49	2.51	0.04	4	0.15	121	<1	<0.01	22	0.26	10	<5	10	0.13	27	<5	60
C59	3	23	0.2	<5	91	0.4	<2	0.09	<0.1	8	27	2.02	2.46	0.15	3	0.32	215	<1	<0.01	13	0.10	8	<5	8	0.12	41	<5	46
C60	12	85	0.3	<5	99	0.4	2	0.12	<0.1	14	56	1.37	2.94	0.07	8	0.53	217	<1	<0.01	37	0.11	8	10	17	0.08	52	13	80
C61	24	41	0.2	<5	122	0.6	4	0.20	0.2	19	76	1.72	2.66	0.09	10	0.40	304	5	<0.01	56	0.11	7	7	19	0.07	50	6	80
C62	5	28	0.3	<5	87	0.7	<2	0.27	0.2	12	47	2.22	2.44	0.07	9	0.42	292	5	<0.01	39	0.13	7	9	19	0.09	38	<5	74
C63	5	26	0.6	<5	161	0.5	3	0.22	<0.1	10	40	2.10	2.54	0.07	5	0.46	487	5	<0.01	37	0.18	8	<5	19	0.10	38	<5	96
C64	4	33	0.6	<5	239	0.6	<2	0.20	<0.1	14	49	2.79	3.06	0.09	5	0.62	594	6	<0.01	48	0.13	14	<5	20	0.10	46	<5	112
C65	6	39	0.4	<5	87	0.7	<2	0.46	<0.1	9	43	3.26	2.68	0.06	4	0.32	269	4	0.01	33	0.18	14	8	33	0.10	40	<5	68
C66	5	30	0.3	<5	145	0.5	<2	0.23	<0.1	10	38	2.07	2.40	0.07	5	0.50	275	5	<0.01	32	0.07	9	6	28	0.08	38	<5	61
C67	4	33	0.5	<5	153	0.4	<2	0.25	<0.1	10	40	1.91	2.84	0.10	4	0.55	540	2	<0.01	37	0.10	7	<5	23	0.08	35	<5	105
C68	9	31	0.4	<5	171	0.5	<2	0.21	<0.1	12	39	2.49	3.33	0.09	3	0.57	328	4	<0.01	32	0.23	7	6	21	0.10	44	<5	69
C68*	6	27	0.4	<5	163	0.5	<2	0.19	<0.1	11	37	2.38	3.21	0.08	3	0.55	290	5	<0.01	32	0.20	8	6	19	0.09	40	<5	62
C69	21	51	0.2	<5	89	0.4	5	0.21	<0.1	17	48	2.20	4.81	0.19	6	1.31	483	<1	<0.01	32	0.05	11	7	20	0.13	81	7	101

* Represents re-assayed sample

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SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
C70	19	51	0.3	<5	103	0.4	6	0.20	<0.1	17	44	2.22	4.73	0.19	5	1.21	458	<1	<0.01	32	0.05	10	<5	19	0.12	75	<5	100
C71	15	90	0.3	18	61	0.6	7	1.64	0.4	17	46	0.91	3.09	0.10	15	0.77	572	3	0.01	36	0.09	11	11	46	0.06	51	<5	57
D18	14	105	0.1	11	79	0.4	2	2.08	0.2	19	47	1.26	3.63	0.24	11	0.97	702	<1	0.01	38	0.12	12	<5	60	0.08	59	<5	69
D19	11	33	0.1	<5	102	0.4	<2	0.44	<0.1	10	50	1.06	2.93	0.10	15	0.54	229	<1	<0.01	28	0.08	4	<5	39	0.06	49	<5	37
D20	11	33	0.1	<5	90	0.4	<2	0.42	<0.1	10	47	1.01	2.76	0.10	14	0.52	217	2	<0.01	27	0.07	5	<5	35	0.06	47	<5	36
D21	5	36	0.2	5	129	0.2	<2	0.62	<0.1	7	35	1.13	1.97	0.06	4	0.28	205	<1	0.01	32	0.03	2	<5	39	0.05	24	<5	31
D22	3	4	0.2	<5	164	0.4	<2	0.32	<0.1	8	31	1.57	1.87	0.06	4	0.22	266	<1	<0.01	21	0.29	4	<5	28	0.07	26	<5	60
D23	15	41	0.2	<5	169	0.3	<2	0.60	<0.1	11	54	1.36	2.77	0.11	9	0.59	303	<1	0.01	43	0.06	3	<5	41	0.06	35	<5	59
D24	8	24	0.1	<5	156	0.4	<2	0.30	<0.1	11	52	1.64	2.62	0.09	6	0.52	333	<1	0.01	33	0.03	3	<5	26	0.07	48	<5	41
D25	4	8	0.1	<5	101	0.2	<2	0.20	<0.1	10	39	1.06	1.88	0.07	3	0.31	338	2	<0.01	23	0.02	4	<5	19	0.08	37	<5	34
D26	8	12	0.1	<5	128	0.2	<2	0.24	<0.1	8	44	1.21	2.21	0.09	4	0.45	180	<1	<0.01	33	0.02	3	<5	24	0.07	37	<5	45
D27	3	11	0.2	<5	177	0.3	<2	0.19	<0.1	7	26	1.39	1.56	0.07	3	0.24	338	<1	0.01	41	0.16	5	<5	20	0.06	22	<5	77
D27*	3	12	0.2	<5	181	0.3	<2	0.19	<0.1	8	27	1.43	1.59	0.07	3	0.25	347	<1	0.01	43	0.17	2	<5	20	0.06	23	<5	80
D28	5	12	0.1	<5	131	0.3	<2	0.19	<0.1	9	38	1.55	2.03	0.09	5	0.39	198	<1	<0.01	38	0.08	1	<5	18	0.07	34	<5	55
D29	4	20	0.1	<5	92	0.3	<2	0.23	<0.1	12	46	1.68	2.50	0.11	4	0.57	203	<1	<0.01	46	0.05	<1	<5	20	0.09	45	<5	57
D30	2	19	<0.1	<5	38	0.2	<2	0.20	<0.1	11	58	1.07	2.51	0.11	4	0.70	232	<1	<0.01	42	0.04	1	<5	17	0.06	45	<5	41
D31	13	18	<0.1	<5	40	0.2	<2	0.22	<0.1	12	59	1.12	2.51	0.12	3	0.71	237	<1	<0.01	43	0.04	2	<5	18	0.06	44	<5	44
D32	7	21	0.1	<5	135	0.4	<2	0.29	<0.1	12	46	1.94	2.28	0.09	4	0.48	324	1	<0.01	64	0.14	2	<5	22	0.08	36	<5	87
D33	2	14	0.2	<5	121	0.3	<2	0.21	<0.1	11	39	1.58	2.19	0.08	4	0.45	246	<1	<0.01	46	0.12	3	<5	19	0.07	34	<5	51
D34	5	19	0.1	<5	79	0.3	<2	0.24	<0.1	10	45	1.25	2.49	0.09	5	0.59	278	<1	<0.01	31	0.08	<1	<5	21	0.06	43	<5	56
D35	7	18	0.1	<5	161	0.3	<2	0.20	<0.1	9	34	1.91	2.53	0.06	5	0.47	284	<1	<0.01	23	0.19	4	<5	18	0.09	43	<5	82
D36	6	6	0.1	<5	112	0.5	<2	0.12	<0.1	8	29	2.51	2.22	0.04	4	0.24	162	<1	<0.01	17	0.19	5	<5	11	0.09	38	<5	47
D36*	7	8	0.1	<5	113	0.5	<2	0.12	<0.1	8	29	2.50	2.36	0.04	4	0.24	162	<1	<0.01	18	0.19	5	<5	11	0.09	39	<5	47
D37	10	27	0.1	<5	177	0.8	<2	0.17	<0.1	11	29	3.73	3.40	0.05	6	0.47	248	9	<0.01	20	0.26	5	<5	21	0.14	56	6	76
D38	6	21	0.3	<5	112	0.6	<2	0.28	<0.1	9	24	2.12	2.19	0.07	5	0.38	586	2	<0.01	17	0.21	6	<5	20	0.08	32	<5	70
D39	10	25	0.1	<5	140	0.3	<2	0.26	<0.1	12	35	1.78	2.76	0.10	4	0.69	356	<1	<0.01	23	0.17	4	<5	25	0.09	47	<5	73
D40	41	11	0.3	<5	134	0.6	<2	0.21	<0.1	9	29	2.02	2.40	0.05	4	0.39	237	2	<0.01	22	0.11	4	<5	19	0.09	39	<5	74
D41	6	33	0.6	<5	145	0.6	3	0.22	<0.1	13	29	2.98	3.62	0.09	5	0.75	402	5	<0.01	22	0.14	21	<5	16	0.14	74	<5	98
D42	17	18	0.5	<5	97	0.7	<2	0.24	<0.1	8	26	3.19	3.01	0.04	4	0.26	301	4	<0.01	18	0.12	5	<5	10	0.11	41	<5	51
D43	13	23	0.4	<5	100	0.6	<2	0.17	<0.1	8	26	2.50	3.40	0.05	4	0.43	335	6	<0.01	17	0.13	11	<5	13	0.13	56	<5	82
D44	4	18	0.2	<5	181	0.8	<2	0.17	0.2	9	27	3.87	1.86	0.05	5	0.23	368	3	<0.01	16	0.61	5	<5	19	0.12	37	<5	133
D45	22	380	1.3	<5	199	1.5	<2	0.76	0.3	22	43	4.33	4.72	0.09	38	0.54	1904	12	0.01	40	0.18	119	<5	42	0.10	62	<5	90
D46	2	49	0.1	<5	63	0.6	<2	0.17	<0.1	9	19	1.84	3.87	0.04	6	0.81	366	<1	<0.01	14	0.14	11	<5	10	0.19	116	<5	100
D47	8	22	0.4	<5	221	0.6	<2	0.06	<0.1	6	19	1.71	2.43	0.04	5	0.29	155	<1	<0.01	9	0.10	10	<5	10	0.15	65	<5	48
D48	<1	32	0.1	<5	136	0.4	<2	0.23	<0.1	9	36	2.41	3.64	0.17	4	1.37	418	<1	<0.01	22	0.15	4	<5	19	0.15	74	<5	130
D49	21	37	0.1	<5	164	0.4	<2	0.17	<0.1	15	34	2.26	3.40	0.08	5	0.79	370	<1	<0.01	25	0.22	7	<5	15	0.12	62	<5	96
D50	5	18	0.2	<5	73	0.2	<2	0.17	<0.1	8	23	1.02	2.13	0.17	4	0.60	268	<1	<0.01	16	0.08	7	<5	12	0.13	55	<5	64
D5076	3	26	0.1	9	209	0.4	<2	0.92	<0.1	9	39	0.30	1.42	0.21	8	0.54	722	3	0.04	14	0.08	12	<5	85	0.02	32	<5	72
D5077	65	5	0.2	<5	259	0.2	<2	1.49	<0.1	7	117	0.03	1.87	0.19	5	0.26	590	2	0.01	13	0.06	7	<5	55	<0.01	5	<5	21
D5078	3	25	<0.1	<5	69	0.3	<2	0.33	<0.1	6	130	0.59	2.40	0.20	7	0.47	562	2	0.03	12	0.06	5	<5	25	0.05	44	<5	37
D5079	3	16	0.1	<5	324	0.4	<2	1.55	<0.1	8	90	0.15	2.97	0.10	10	0.45	702	2	0.04	14	0.09	12	<5	62	0.03	60	<5	47
D5080	<1	15	<0.1	<5	39	0.2	<2	0.39	<0.1	5	158	0.52	1.80	0.10	6	0.34	269	1	0.04	19	0.07	3	<5	34	0.05	38	<5	43
D5081	510	75	1.0	<5	158	0.4	<2	1.64	0.1	12	65	0.14	4.52	0.11	23	0.43	677	381	0.03	16	0.06	33	<5	57	0.05	94	<5	54
D5082	5	42	<0.1	6	221	0.3	<2	1.67	<0.1	9	63	0.55	2.50	0.30	11	0.62	795	2	0.03	12	0.09	8	<5	84	0.03	28	<5	41
D5082*	10	40	0.2	<5	197	0.3	<2	1.64	0.1	9	59	0.54	2.44	0.29	11	0.61	772	<1	0.02	6	0.09	9	<5	83	0.03	27	<5	35
D51	8	30	0.3	<5	101	0.3	<2	0.21	<0.1	10	26	1.71	3.23	0.20	5	0.66	280	<1	<0.01	19	0.13	6	<5	15	0.14	71	<5	74
D52	37	36	0.4	<5	121	0.4	<2	0.17	<0.1	12	46	2.08	2.58	0.09	4	0.59	262	<1	<0.01	43	0.06	5	<5	16	0.10	44	<5	79
D53	18	37	0.7	<5	270	0.5	<2	0.23	<0.1	15	49	2.63	4.19	0.31	9	1.11	403	<1	<0.01	47	0.16	5	<5	46	0.16	74	<5	96
D54	5	23	0.2	<5	153	0.5	<2	0.36	<0.1	14	58	2.61	2.68	0.10	4	0.68	397	<1	<0.01	46	0.29	6	<5	30	0.10	45	<5	100
D54*	1	26	0.3	<5	167	0.5	<2	0.39	<0.1	14	61	2.82	2.74	0.11	4	0.75	435	<1	0.01	50	0.31	3	<5	33	0.11	49	<5	108
D55	<1	10	0.3	<5	213	0.5	<2	0.22	<0.1	20	147	3.27	2.66	0.05	4	0.41	235	<1	<0.01	103	0.42	6	<5	16	0.14	42	<5	52
D56	<1	24	0.2	<5	160	0.4	<2	0.28	<0.1	22	64	1.95	2.60	0.14	4	0.42	224	<1	0.01	114	0.12	6	<5	21	0.12	47	<5	82
D57	2	14	0.2	<5	97	0.5	<2	0.23	<0.1	15	63	2.13	2.90	0.11	4	0.45	232	<1	<0.01	80	0.18	4	<5	15	0.13	56	<5	64
D58	1	9	0.2	<5	165	0.3	<2	0.66	<0.1	5	34	1.55	2.14	0.04	5	0.18	56	<1	<0.01	55	0.03	8	<5	40	0.14	37	<5	32
D59	3	12	0.2	<5	125	0.4	<2	0.13	<0.1	12	42	2.07	2.96	0.05	4	0.44	169	<1	<0.01	35	0.10	8	<5	15	0.09	49	<5	67
D60	3	25	0.3	<5	115	0.5	<2	0.13	<0.1	12	44	2.34	3.06	0.06	5	0.57	220	<1	<0.01	36	0.18	6	<5	14	0.09	54	<5	80
D61	4	20	0.2	<5	136	0.4	<2	0.20	<0.1	14	45	2.28	3.15	0.07	4	0.58	351	<1	<0.01	38	0.11	8	<5	17	0.10	57	<5	87
D62	2	62	0.3	<5	113	0.2	<2	0.20	0.2	9	46	0.80	2.35	0.15	8	0.50	190	<1	<0.01	59	0.02	7	<5	16	0.12	57	<5	44
D63	2	20	0.3	<5	113	0.3	<2	0.13	<0.1	36	168	1.88	3.39	0.05	3	0.78	142	<1	<0.01	179	0.11	5	<5	10	0.09	64	<5	60
D63*	<1	19	0.2	<5	107	0.3	<2	0.12	<0.1	35	161	1.78	3.32	0.05	3	0.75	155	<1	<0.01	173	0.11	6	<5	10	0.09	61	<5	57

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
D64	6	69	0.1	7	68	0.3	<2	0.17	<0.1	24	93	1.13	2.44	0.05	3	0.58	150	3	<0.01	95	0.04	5	<5	12	0.06	39	5	47
D65	2	98	0.3	6	94	0.3	2	0.14	<0.1	31	155	1.66	2.33	0.05	3	0.96	176	4	<0.01	176	0.06	9	<5	11	0.06	36	<5	71
D66	33	45	0.4	<5	101	0.4	2	0.22	<0.1	13	46	1.40	2.96	0.09	5	0.72	473	<1	<0.01	31	0.08	9	<5	18	0.06	48	<5	55
D67	3	22	0.6	<5	110	0.6	<2	0.15	<0.1	11	33	2.41	2.44	0.06	4	0.41	356	<1	<0.01	25	0.15	7	<5	14	0.09	35	<5	91
D68	3	16	0.6	<5	120	0.5	<2	0.25	<0.1	10	25	2.30	2.38	0.08	4	0.44	1051	<1	<0.01	18	0.23	8	<5	18	0.09	35	<5	122
D69	7	17	0.4	<5	148	0.4	<2	0.28	<0.1	10	37	1.97	2.36	0.11	4	0.58	466	<1	<0.01	31	0.11	14	<5	19	0.08	37	<5	96
D70	7	25	0.5	<5	99	0.3	3	0.22	<0.1	10	28	1.63	2.52	0.12	4	0.65	333	<1	<0.01	20	0.04	10	<5	20	0.08	44	<5	73
D71	20	17	0.5	<5	109	0.4	3	0.19	<0.1	10	29	1.80	2.48	0.08	4	0.61	432	<1	<0.01	22	0.08	8	<5	17	0.07	38	<5	72
D72	12	18	0.5	<5	118	0.4	<2	0.21	<0.1	10	30	1.94	2.65	0.09	4	0.64	479	<1	<0.01	23	0.09	8	<5	19	0.08	41	<5	80
E17	16	88	0.2	9	66	0.4	<2	1.66	0.2	16	43	1.06	2.89	0.19	10	0.76	565	<1	0.01	33	0.10	9	<5	46	0.06	53	5	67
E18	15	54	0.5	<5	126	0.3	3	0.99	0.1	13	53	1.07	2.45	0.13	11	0.70	707	7	<0.01	43	0.07	7	<5	50	0.05	37	<5	56
E19	6	58	0.4	<5	149	0.4	3	1.46	0.1	13	45	1.09	2.49	0.12	12	0.63	869	<1	0.01	42	0.07	5	<5	61	0.05	36	<5	47
E20	20	24	0.3	<5	209	0.3	<2	0.28	<0.1	8	35	1.20	2.32	0.07	6	0.39	218	<1	<0.01	21	0.03	5	<5	28	0.06	36	<5	46
E21	10	25	0.2	<5	215	0.3	<2	0.25	<0.1	8	35	1.28	2.27	0.06	5	0.41	241	<1	<0.01	24	0.08	4	<5	22	0.05	34	<5	62
E22	21	24	0.4	<5	193	0.4	<2	0.27	<0.1	7	30	1.49	2.11	0.08	5	0.30	170	<1	<0.01	23	0.06	6	<5	21	0.06	29	<5	61
E23	8	122	0.3	<5	222	0.4	<2	0.38	<0.1	10	37	1.57	2.72	0.10	9	0.36	502	4	<0.01	40	0.03	7	<5	30	0.06	33	<5	60
E24	12	5	0.2	<5	153	0.3	<2	0.16	<0.1	6	29	1.37	1.89	0.05	4	0.25	339	<1	<0.01	16	0.10	6	<5	17	0.05	27	<5	45
E25	7	56	0.3	<5	229	0.7	4	0.60	<0.1	11	34	2.56	3.33	0.09	12	0.47	266	<1	0.01	30	0.05	4	<5	44	0.08	44	<5	45
E25*	1	56	0.3	<5	228	0.7	<2	0.61	<0.1	11	34	2.51	3.29	0.09	12	0.46	263	1	0.01	30	0.05	4	<5	44	0.08	44	<5	45
E26	9	14	0.1	<5	125	0.6	3	0.15	<0.1	10	47	1.70	2.38	0.07	5	0.46	198	3	<0.01	36	0.06	6	<5	13	0.09	37	<5	75
E27	<1	12	0.2	<5	103	0.4	<2	0.20	<0.1	9	32	1.74	2.45	0.06	4	0.38	198	7	<0.01	23	0.04	6	<5	18	0.08	43	<5	50
E28	81	16	0.4	<5	116	0.4	2	0.22	<0.1	9	35	1.71	2.25	0.08	4	0.37	140	3	<0.01	39	0.08	14	<5	20	0.09	38	<5	38
E29	5	226	0.5	<5	167	0.6	<2	0.44	0.1	11	45	1.66	2.58	0.07	9	0.43	1076	2	0.01	114	0.03	10	<5	34	0.07	34	<5	45
E30	1	21	0.4	<5	63	0.3	2	0.15	<0.1	8	40	1.08	2.18	0.06	5	0.42	202	4	<0.01	28	0.05	5	<5	15	0.05	35	<5	37
E31	3	20	0.2	<5	65	0.3	3	0.16	<0.1	7	41	1.13	2.18	0.06	5	0.41	178	5	<0.01	28	0.06	7	<5	16	0.05	35	<5	43
E32	19	16	0.2	<5	172	0.5	<2	0.17	<0.1	9	26	2.27	2.23	0.06	4	0.38	287	3	<0.01	30	0.30	6	<5	17	0.09	29	<5	66
E33	16	12	0.2	<5	158	0.5	5	0.21	<0.1	18	69	2.70	2.68	0.05	5	0.59	364	5	<0.01	159	0.26	7	<5	18	0.10	33	<5	90
E34	54	41	0.2	<5	141	0.6	3	0.18	<0.1	10	30	2.24	3.41	0.10	4	0.66	323	4	<0.01	24	0.09	6	<5	16	0.11	60	<5	75
E34*	9	34	0.3	<5	138	0.5	2	0.17	<0.1	7	28	2.19	3.32	0.08	2	0.54	318	5	<0.01	23	0.07	5	<5	15	0.09	58	<5	59
E35	19	22	0.2	<5	97	0.3	3	0.22	0.2	15	80	1.40	2.92	0.07	5	0.79	277	6	<0.01	68	0.09	11	7	18	0.07	44	<5	54
E36	6	16	0.2	<5	115	0.5	2	0.16	<0.1	10	33	2.46	3.34	0.05	5	0.40	189	2	<0.01	25	0.28	17	7	14	0.10	49	<5	60
E37	4	29	0.2	<5	62	0.6	3	0.21	0.1	9	27	2.69	3.33	0.07	5	0.41	233	4	0.01	23	0.23	16	<5	16	0.13	49	<5	80
E38	3	19	0.3	<5	106	0.5	6	0.30	0.2	7	21	1.96	2.18	0.08	5	0.22	270	3	0.01	17	0.19	15	6	19	0.12	30	<5	63
E39	5	24	0.2	<5	109	0.5	5	0.29	0.2	11	25	2.62	3.12	0.08	5	0.49	265	7	<0.01	25	0.22	18	<5	21	0.09	43	<5	101
E40	7	27	0.2	<5	164	0.6	4	0.28	0.3	10	22	1.73	2.32	0.12	5	0.36	566	4	0.01	19	0.28	18	7	30	0.09	30	<5	122
E41	13	361	3.9	8	155	0.5	5	1.16	0.3	11	29	2.95	3.70	0.09	24	0.30	1487	11	0.02	34	0.09	22	7	60	0.10	35	<5	58
E42	16	82	0.2	<5	173	0.5	5	0.28	0.3	11	26	1.80	3.05	0.07	5	0.35	1232	3	0.01	18	0.30	15	<5	24	0.10	44	<5	106
E43	9	86	0.8	6	113	0.6	4	0.26	0.3	13	34	2.46	3.50	0.08	6	0.63	423	2	<0.01	26	0.28	17	<5	18	0.10	49	<5	137
E44	8	27	0.2	<5	81	0.5	<2	0.25	<0.1	12	29	2.47	3.65	0.08	4	0.66	298	4	<0.01	21	0.25	5	<5	23	0.10	61	<5	81
E45	1	41	0.3	<5	175	0.5	<2	0.26	<0.1	12	41	2.38	2.64	0.08	4	0.54	392	2	<0.01	30	0.36	9	<5	21	0.11	40	<5	121
E46	4	70	0.2	<5	166	0.7	<2	0.42	<0.1	15	39	2.84	4.05	0.19	7	0.72	381	5	0.01	30	0.36	21	<5	29	0.18	73	<5	142
E47	2	23	0.1	<5	78	0.4	<2	0.31	<0.1	12	26	2.22	2.97	0.08	4	0.56	722	2	<0.01	17	0.21	3	<5	23	0.09	53	<5	77
E48	11	19	0.4	<5	83	0.4	<2	0.17	<0.1	9	23	1.76	2.19	0.04	4	0.29	324	1	<0.01	15	0.14	9	<5	14	0.09	40	<5	62
E49	1	82	0.3	<5	185	0.6	<2	0.47	<0.1	14	24	2.59	3.34	0.14	9	0.67	447	5	0.01	20	0.15	16	<5	36	0.20	65	<5	98
E50	2	65	0.3	<5	156	0.4	<2	0.41	<0.1	10	31	1.93	2.79	0.22	8	0.71	269	7	<0.01	16	0.08	9	<5	30	0.17	53	<5	66
E51	13	41	<0.1	<5	110	0.3	<2	0.23	<0.1	13	32	2.15	3.13	0.11	4	0.86	289	3	<0.01	25	0.12	4	<5	20	0.13	64	<5	88
E52	6	58	<0.1	<5	102	0.4	<2	0.20	<0.1	14	36	2.04	3.30	0.11	4	0.79	422	2	<0.01	27	0.25	5	<5	20	0.10	62	<5	82
E53*	5	54	<0.1	<5	109	0.3	<2	0.21	<0.1	13	34	1.99	3.11	0.11	3	0.73	418	<1	<0.01	25	0.23	5	<5	18	0.09	59	<5	76
E54	2	58	0.2	<5	153	0.7	<2	0.21	<0.1	18	40	3.38	3.84	0.09	7	0.83	480	3	<0.01	34	0.34	9	<5	20	0.16	71	10	125
E55	4	102	0.2	<5	122	0.5	<2	0.42	<0.1	24	58	2.49	4.64	0.25	6	1.21	425	7	<0.01	50	0.11	8	<5	28	0.17	108	<5	85
E56	26	56	0.2	<5	94	0.3	3	0.22	<0.1	20	55	1.30	3.43	0.15	5	0.72	353	2	<0.01	38	0.06	10	<5	17	0.10	68	<5	59
E57	11	181	0.2	<5	87	0.3	<2	0.49	<0.1	34	194	1.71	3.28	0.14	5	1.51	284	10	0.02	213	0.06	8	<5	23	0.11	83	<5	43
E58	12	61	0.3	<5	171	0.5	5	0.32	<0.1	28	171	2.06	3.77	0.19	5	1.47	362	5	<0.01	141	0.20	7	<5	21	0.15	79	<5	147
E59	4	5	0.1	<5	103	0.5	3	0.11	<0.1	10	28	1.91	2.42	0.04	5	0.22	281	3	<0.01	17	0.40	7	<5	10	0.08	37	<5	55
E60	10	9	0.1	<5	97	0.6	<2	0.32	<0.1	8	27	1.79	2.22	0.04	5	0.31	308	4	<0.01	33	0.10	6	<5	14	0.07	39	<5	53
E61	1	7	0.1	<5	71	0.4	2	0.17	<0.1	15	72	1.75	2.79	0.06	4	0.46	307	5	<0.01	57	0.17	5	<5	13	0.07	47	<5	72
E62	4	29	0.3	<5	155	0.5	4	0.20	<0.1	48	188	1.67	3.53	0.07	4	0.57	694	6	0.01	218	0.16	10	<5	13	0.11	56	<5	84
E62*	<1	31	0.3	<5	166	0.5	3	0.21	<0.1	51	197	1.80	3.74	0.08	4	1.02	725	5	0.01	217	0.16	12	<5	14	0.11	59	<5	88
E63	6	34	0.3	<5	103	0.4	<2	0.17	<0.1	20	104	1.93	2.87	0.06	5	0.45	182	4	<0.01	75	0.10	12	<5	13	0.13	59	5	74
E64	2	15	0.2	<5	129	0.4	<2	0.16	<0.1	21	94	2.01	3.12	0.06	4	0.38	171	4	<0.01	88	0.12	15	<5	16	0.12	59	<5	54

* Represents re-assayed sample

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SAMP	AU	CD	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
E68	8	58	0.4	6	145	0.5	5	0.40	<0.1	15	66	2.23	3.76	0.09	7	0.89	425	<1	0.01	46	0.04	21	6	26	0.09	53	<5	85
E69	7	74	0.6	<5	148	0.6	5	0.35	<0.1	18	41	2.14	4.32	0.20	8	0.74	278	<1	0.01	31	0.12	13	<5	34	0.10	51	<5	79
E70	3	25	0.8	<5	78	0.4	4	0.15	<0.1	10	31	1.51	2.60	0.07	6	0.41	217	<1	<0.01	17	0.03	18	7	12	0.08	37	<5	60
E71	2	20	1.0	<5	73	0.3	5	0.14	<0.1	9	28	1.20	2.17	0.07	5	0.31	172	3	<0.01	19	0.02	16	6	11	0.08	31	<5	51
E72	8	80	0.3	9	50	0.3	5	1.55	0.1	13	39	0.84	2.86	0.17	9	0.72	520	<1	<0.01	27	0.08	10	10	40	0.05	43	<5	47
E73	11	85	0.3	9	56	0.3	6	1.62	0.1	14	41	0.93	3.03	0.18	9	0.76	552	<1	0.01	28	0.09	9	9	42	0.05	46	<5	53
E73*	19	87	0.3	11	53	0.3	4	1.69	<0.1	14	40	0.90	3.06	0.19	9	0.77	565	<1	0.01	25	0.09	9	<5	43	0.05	45	<5	53
F18	19	90	0.4	11	66	0.3	<2	1.79	<0.1	16	44	1.17	3.03	0.20	10	0.82	594	4	0.01	33	0.10	9	<5	50	0.07	57	<5	62
F19	1	11	0.4	<5	90	0.3	<2	0.14	<0.1	11	40	1.30	2.07	0.06	4	0.36	454	4	<0.01	42	0.08	7	<5	16	0.06	36	<5	46
F20	18	12	0.3	<5	87	0.3	<2	0.15	<0.1	11	41	1.29	2.10	0.06	4	0.41	268	1	<0.01	46	0.08	6	<5	17	0.06	37	<5	43
F21	8	27	0.2	<5	87	0.2	<2	0.28	<0.1	15	74	1.08	2.45	0.18	6	0.87	272	2	<0.01	52	0.07	8	<5	19	0.07	44	<5	45
F22	28	7	0.5	<5	151	0.4	<2	0.32	<0.1	9	31	1.71	2.08	0.07	5	0.29	344	5	<0.01	42	0.10	7	<5	25	0.07	34	<5	48
F23	19	13	0.2	<5	118	0.2	<2	0.26	<0.1	8	39	1.13	2.34	0.05	6	0.47	223	3	<0.01	21	0.13	5	<5	25	0.05	42	<5	41
F24	7	9	0.3	<5	190	0.4	<2	0.18	<0.1	10	41	1.86	2.70	0.05	5	0.43	322	3	<0.01	30	0.13	5	<5	19	0.06	47	<5	63
F24*	8	8	0.3	<5	187	0.4	<2	0.18	<0.1	9	41	1.85	2.65	0.05	5	0.42	319	<1	<0.01	30	0.13	7	<5	19	0.06	47	<5	62
F25	<1	5	0.4	5	186	0.5	4	0.20	<0.1	8	29	1.97	1.93	0.04	4	0.18	238	2	<0.01	18	0.23	7	<5	18	0.07	31	<5	34
F26	34	27	0.3	5	145	0.3	3	0.21	<0.1	10	43	1.40	2.67	0.05	5	0.45	270	<1	<0.01	31	0.08	11	<5	23	0.06	42	<5	56
F27	9	21	0.1	<5	132	0.3	<2	0.33	<0.1	10	41	1.27	2.54	0.07	5	0.50	288	1	<0.01	22	0.08	5	<5	31	0.07	46	<5	59
F28	3	7	0.1	<5	167	0.5	<2	0.25	<0.1	12	35	1.81	2.29	0.06	4	0.31	385	3	<0.01	21	0.27	5	<5	24	0.07	34	<5	74
F29	2	10	0.3	5	148	0.5	2	0.18	<0.1	10	37	1.85	2.29	0.05	5	0.29	824	3	<0.01	21	0.24	6	<5	17	0.06	36	<5	75
F30	1	194	0.5	<5	136	0.5	<2	0.41	<0.1	9	31	1.56	2.21	0.05	5	0.24	1220	3	0.01	62	0.03	7	<5	30	0.09	38	<5	45
F31	1	11	0.4	<5	103	0.4	<2	0.15	<0.1	8	32	1.97	2.19	0.05	4	0.31	289	2	<0.01	24	0.20	5	<5	15	0.08	33	<5	68
F32	6	6	0.3	<5	74	0.3	<2	0.12	<0.1	7	28	1.64	1.95	0.05	4	0.20	234	1	<0.01	16	0.21	5	<5	12	0.07	28	<5	53
F33	16	8	0.2	<5	114	0.5	<2	0.13	<0.1	8	28	2.23	2.40	0.05	4	0.28	224	3	<0.01	22	0.25	5	<5	12	0.09	36	<5	75
F33*	10	8	0.2	7	111	0.5	<2	0.13	<0.1	8	28	2.17	2.36	0.05	4	0.27	222	1	<0.01	22	0.25	7	<5	12	0.09	34	<5	73
F34	32	3	0.1	<5	42	0.1	<2	0.26	<0.1	3	22	0.39	0.98	0.05	4	0.14	62	<1	<0.01	7	0.01	6	<5	19	0.08	29	6	18
F35	5	21	0.2	<5	121	0.4	<2	0.24	<0.1	10	45	1.53	2.23	0.05	4	0.42	643	<1	<0.01	51	0.15	3	<5	19	0.07	33	<5	91
F36	3	22	0.4	<5	103	0.4	<2	0.25	<0.1	9	30	1.79	2.23	0.07	4	0.31	247	<1	<0.01	26	0.14	6	<5	19	0.09	36	<5	59
F37	6	8	0.1	6	91	0.5	<2	0.20	<0.1	9	34	2.08	2.43	0.05	4	0.41	260	<1	<0.01	20	0.26	4	<5	16	0.07	35	<5	45
F38	3	13	0.4	<5	91	0.3	<2	0.13	<0.1	8	25	1.68	2.10	0.06	3	0.32	228	<1	<0.01	16	0.16	5	<5	13	0.08	32	<5	74
F39	7	11	0.4	<5	91	0.4	<2	0.20	<0.1	8	28	1.93	2.89	0.06	4	0.39	221	<1	<0.01	18	0.16	6	<5	17	0.10	45	<5	52
F40	5	27	0.5	6	122	0.3	<2	0.18	<0.1	10	25	1.61	2.67	0.08	4	0.55	293	2	<0.01	17	0.07	6	<5	17	0.08	42	<5	78
F41	4	37	0.4	5	131	0.4	<2	0.22	<0.1	9	22	1.89	2.38	0.07	4	0.46	432	<1	<0.01	18	0.14	10	<5	21	0.09	34	<5	68
F42	5	9	0.2	<5	68	0.3	<2	0.12	<0.1	7	26	1.18	2.02	0.05	3	0.37	212	1	<0.01	16	0.04	3	<5	13	0.06	34	<5	42
F43	12	30	0.1	<5	94	0.4	<2	0.21	<0.1	11	25	1.80	2.80	0.09	5	0.53	302	<1	<0.01	20	0.11	16	<5	19	0.09	50	<5	76
F44	3	162	0.2	<5	306	1.4	<2	0.27	<0.1	12	29	4.22	4.27	0.09	10	1.02	442	6	<0.01	22	0.59	53	<5	35	0.14	134	<5	106
F45	<1	35	0.1	<5	63	0.7	<2	0.08	<0.1	6	20	2.39	3.03	0.05	4	0.43	236	<1	<0.01	12	0.13	7	<5	7	0.15	59	<5	79
F46	2	22	0.2	<5	144	0.4	<2	0.25	<0.1	9	26	1.83	2.28	0.07	4	0.46	220	<1	<0.01	20	0.24	9	<5	21	0.09	35	<5	97
F47	17	51	0.1	<5	137	0.3	<2	0.38	<0.1	10	25	1.31	2.43	0.16	5	0.66	670	1	<0.01	17	0.14	9	<5	27	0.06	42	<5	90
F48	<1	15	0.3	<5	322	0.5	<2	0.15	<0.1	10	93	2.29	2.39	0.04	3	0.45	719	<1	<0.01	40	0.70	10	<5	21	0.11	26	<5	91
F49	<1	32	0.2	<5	100	0.3	<2	0.27	<0.1	10	26	1.51	2.94	0.12	4	0.65	334	<1	<0.01	19	0.07	8	<5	20	0.11	55	<5	76
F50	9	254	0.6	<5	142	0.8	<2	0.47	<0.1	11	29	2.87	4.27	0.11	6	0.61	385	3	0.01	32	0.08	17	<5	30	0.16	78	<5	115
F51	13	376	1.2	<5	133	1.0	<2	0.43	<0.1	13	31	3.61	4.53	0.12	7	0.72	301	<1	0.01	36	0.07	19	<5	29	0.15	77	<5	123
F51*	11	374	1.1	<5	127	0.9	<2	0.41	<0.1	12	30	3.50	4.36	0.11	6	0.70	288	2	0.01	35	0.07	18	<5	28	0.14	75	<5	118
F52	3	144	0.9	16	203	1.3	7	0.45	0.8	19	38	1.80	2.88	0.31	25	0.76	421	10	<0.01	35	0.03	20	11	37	0.10	69	23	68
F52	5	205	0.9	6	261	0.6	<2	0.57	<0.1	16	26	2.84	3.95	0.43	10	1.15	535	5	<0.01	28	0.03	14	<5	36	0.14	75	6	91
F53	<1	36	0.2	6	82	0.4	<2	0.18	<0.1	12	30	2.07	3.07	0.11	4	0.74	292	<1	<0.01	27	0.08	10	<5	17	0.10	58	<5	66
F53	8	49	0.4	<5	89	0.4	6	0.19	<0.1	13	36	1.99	2.99	0.14	5	0.86	298	7	<0.01	30	0.07	12	<5	17	0.10	56	7	66
F54	3	45	0.3	11	101	0.5	<2	0.30	<0.1	14	37	2.35	4.07	0.16	6	1.15	357	<1	<0.01	28	0.17	11	<5	19	0.15	89	<5	123
F54	5	60	0.4	<5	91	0.4	5	0.26	<0.1	14	44	2.05	3.91	0.18	6	1.16	384	6	<0.01	30	0.15	10	<5	17	0.14	81	<5	111
F55	1	594	0.3	<5	215	0.8	<2	0.37	<0.1	28	41	4.03	5.61	0.15	8	1.15	437	3	0.01	73	0.12	14	<5	31	0.21	118	<5	103
F55	4	661	0.4	<5	152	0.9	5	0.34	<0.1	26	44	3.62	4.86	0.13	10	1.01	385	13	<0.01	70	0.09	16	<5	26	0.14	86	<5	88
F56	<1	44	0.4	<5	205	0.7	<2	0.49	<0.1	13	34	2.61	3.13	0.10	5	0.43	239	<1	<0.01	25	0.43	11	<5	48	0.13	50	<5	137
F56	<1	209	0.7	<5	246	0.7	3	0.40	<0.1	15	36	2.35	3.36	0.12	6	0.70	389	5	<0.01	38	0.21	15	<5	62	0.10	54	<5	126
F57	<1	74	0.4	6	164	0.6	2	0.45	<0.1	16	45	2.45	3.70	0.21	6	0.81	358	4	0.01	38	0.34	10	<5	33	0.16	63	<5	125
F57	<1	123	0.6	<5	125	0.6	3	0.40	<0.1	16	53	2.54	3.92	0.20	7	1.03	393	5	<0.01	45	0.28	13	<5	29	0.14	65	<5	103
F58	1	49	0.4	<5	101	0.5	5	0.25	<0.1	12	45	2.09	3.58	0.11	6	0.66	257	8	<0.01	34	0.14	11	<5	18	0.13	65	<5	96
F59	<1	89	0.3	<5	170	0.5	3	0.27	<0.1	22	156	2.59	3.93	0.10	4	0.97	250	9	0.01	154	0.28	14	<5	16	0.15	51	<5	61
F60	<1	107	0.3	<5	181	0.4	4	0.24	<0.1	24	110	2.20	3.23	0.17	4	1.30	333	12	0.01	152	0.16	32	<5	15	0.12	76	<5	61
F61	<1	115	0.6	<5	165	0.6	5	0.29	<0.1	24	115	2.46	4.02	0.15	8	1.21	345	8	<0.01	80	0.08	49	<5	40	0.13	101	12	82

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
F62	<1	41	0.3	<5	208	0.3	5	0.22	<0.1	14	56	1.92	2.11	0.13	5	0.54	269	5	<0.01	96	0.27	14	<5	18	0.10	39	<5	64
F63	<1	22	0.4	<5	97	0.7	5	0.18	<0.1	13	57	3.49	3.35	0.13	4	0.74	212	11	0.01	80	0.19	11	<5	12	0.14	90	<5	77
F64	2	56	0.4	<5	108	0.3	4	0.30	<0.1	20	84	1.77	2.80	0.19	4	1.01	355	8	<0.01	164	0.10	13	<5	19	0.10	63	<5	86
F65	<1	31	0.2	<5	94	0.1	3	0.17	<0.1	13	104	0.88	2.07	0.08	3	0.66	147	<1	<0.01	96	0.05	5	<5	11	0.08	42	<5	38
F66	<1	26	0.1	<5	78	0.2	6	0.16	<0.1	17	121	1.19	2.95	0.13	4	1.00	215	12	<0.01	118	0.02	6	<5	15	0.10	64	<5	48
F67	5	26	0.6	<5	156	0.4	5	0.25	<0.1	15	90	2.32	2.92	0.06	5	0.73	343	6	<0.01	68	0.13	11	<5	20	0.10	54	<5	81
F68	7	23	0.4	<5	102	0.4	3	0.12	<0.1	11	50	1.86	2.39	0.08	4	0.56	243	<1	<0.01	49	0.08	9	<5	14	0.08	39	<5	61
F69	4	18	0.3	<5	103	0.4	4	0.16	<0.1	10	61	2.18	2.45	0.06	4	0.59	269	4	<0.01	44	0.13	11	<5	16	0.07	39	<5	52
F69*	5	17	0.4	<5	99	0.3	<2	0.15	<0.1	10	61	2.14	2.39	0.06	4	0.55	252	5	<0.01	49	0.12	10	<5	15	0.07	37	<5	49
F70	<1	31	0.4	<5	115	0.8	4	0.19	0.2	14	66	2.00	2.42	0.06	13	0.59	326	6	<0.01	63	0.12	15	6	22	0.07	45	17	55
F71	7	87	0.4	<5	58	0.3	<2	1.60	<0.1	14	47	0.97	2.72	0.18	10	0.73	515	6	<0.01	50	0.10	4	<5	45	0.05	47	<5	55
G18	13	80	0.2	12	59	0.3	<2	1.61	<0.1	15	39	1.00	2.80	0.18	9	0.73	532	<1	0.01	30	0.10	6	<5	44	0.06	49	<5	54
G19	<1	6	0.1	<5	96	0.3	<2	0.20	<0.1	8	32	1.09	1.87	0.07	3	0.32	196	<1	<0.01	30	0.12	6	<5	17	0.06	30	<5	41
*G20	5																											
G20	8	62	0.4	<5	90	0.3	<2	0.28	<0.1	12	38	1.17	2.25	0.11	4	0.64	296	3	<0.01	72	0.08	4	<5	29	0.07	38	<5	48
G20*	160	63	0.4	<5	93	0.3	<2	0.31	<0.1	13	42	1.25	2.49	0.12	4	0.71	300	<1	<0.01	73	0.09	4	<5	32	0.07	43	<5	49
G21	43	15	0.2	<5	107	0.3	<2	0.22	<0.1	10	45	1.09	2.87	0.06	6	0.62	284	<1	<0.01	27	0.07	2	<5	22	0.06	43	<5	44
G22	7	23	0.6	<5	121	0.4	<2	0.24	0.2	11	65	1.52	2.00	0.07	5	0.52	198	<1	0.01	64	0.07	21	<5	21	0.07	23	<5	71
G23	5	8	0.4	<5	107	0.5	<2	0.23	0.2	7	30	2.14	2.41	0.05	5	0.29	199	<1	<0.01	26	0.18	5	<5	21	0.08	30	<5	52
G24	6	18	0.3	<5	181	0.3	<2	0.26	0.1	9	37	1.29	2.55	0.07	6	0.48	255	<1	<0.01	25	0.17	4	<5	24	0.06	31	<5	58
G25	2	49	0.3	<5	589	0.6	3	0.75	0.3	16	26	2.57	4.45	0.18	9	1.00	425	1	0.01	19	0.11	7	<5	69	0.16	76	<5	95
G26	6	62	0.8	<5	247	0.6	<2	0.53	0.4	9	29	1.62	2.74	0.07	16	0.39	378	<1	0.01	25	0.05	8	<5	40	0.08	35	<5	40
G27	5	37	0.3	<5	365	0.5	<2	0.40	0.2	16	37	1.94	3.88	0.13	6	0.96	496	<1	<0.01	38	0.18	11	<5	83	0.10	58	<5	94
G28	6	9	0.3	<5	216	0.4	<2	0.17	0.3	10	29	1.61	2.47	0.09	5	0.47	424	<1	<0.01	19	0.29	6	<5	18	0.08	30	<5	82
G29	3	184	0.4	<5	129	0.4	<2	0.37	0.6	8	26	1.78	2.73	0.06	7	0.40	198	1	<0.01	35	0.03	7	<5	32	0.09	33	<5	41
G29*	3	185	0.3	<5	141	0.4	2	0.38	0.6	9	27	1.83	2.85	0.06	7	0.42	204	<1	<0.01	38	0.03	7	<5	34	0.09	35	<5	44
G30	13	31	0.3	<5	94	0.4	3	0.27	0.2	12	46	1.40	2.91	0.11	6	0.70	319	4	<0.01	29	0.10	11	6	21	0.07	44	7	56
G31	31	27	0.3	<5	89	0.3	2	0.26	0.1	11	45	1.35	2.95	0.11	7	0.70	306	5	<0.01	28	0.09	9	<5	20	0.07	41	<5	56
G32	5	30	0.6	8	140	0.8	4	0.26	0.5	15	41	2.13	3.57	0.10	12	0.60	279	7	<0.01	34	0.11	15	<5	26	0.12	60	<5	96
G33	2	37	0.7	6	162	0.8	4	0.23	0.4	13	35	2.11	2.61	0.08	12	0.44	337	6	0.01	36	0.14	14	<5	22	0.10	39	<5	107
G34	5	37	0.5	<5	125	0.3	<2	0.31	0.2	12	34	1.61	3.28	0.12	5	0.60	258	3	<0.01	30	0.05	10	<5	26	0.13	50	<5	75
G35	3	298	0.5	<5	270	0.5	2	0.42	0.3	15	37	1.92	3.46	0.11	8	0.66	316	6	<0.01	46	0.04	26	<5	44	0.13	54	<5	87
G36	2	41	0.6	<5	175	0.2	4	0.45	0.3	10	28	1.25	2.45	0.16	4	0.48	284	4	0.01	20	0.02	26	<5	38	0.14	47	<5	74
G37	21	64	0.4	<5	215	0.4	<2	0.53	0.6	20	27	1.15	4.23	0.11	6	0.42	365	9	0.01	35	0.07	14	<5	42	0.08	33	<5	98
G38	21	25	0.3	<5	124	0.3	<2	0.39	0.3	12	26	1.65	2.93	0.09	4	0.49	327	5	0.01	22	0.03	12	<5	32	0.09	36	<5	63
G38*	38	15	0.3	<5	103	0.3	2	0.34	0.1	11	24	1.58	2.61	0.09	4	0.47	300	5	0.01	17	0.03	11	<5	28	0.08	34	<5	55
G39	113	36	0.5	26	159	1.5	6	0.24	1.0	18	42	2.08	3.07	0.05	24	0.44	266	9	<0.01	32	0.20	23	10	32	0.07	56	15	83
G40	17	54	0.4	20	118	1.5	7	0.27	1.2	23	40	1.79	3.34	0.12	28	0.89	457	10	<0.01	35	0.11	21	13	36	0.09	71	12	89
G41	7	42	0.5	8	128	0.6	3	0.19	0.4	14	28	2.15	3.26	0.09	9	0.68	378	8	<0.01	24	0.17	14	<5	23	0.11	49	<5	100
G42	8	79	0.9	7	140	0.7	3	0.29	0.2	13	40	2.51	3.48	0.10	6	0.74	317	4	<0.01	30	0.16	21	<5	25	0.11	51	<5	108
G43	4	43	0.5	<5	119	0.6	3	0.24	0.1	14	33	2.22	3.62	0.11	8	0.78	366	6	<0.01	29	0.17	16	<5	25	0.11	55	<5	104
G44	4	36	1.5	7	127	0.8	<2	0.31	0.2	13	32	3.20	4.14	0.10	7	0.70	308	7	<0.01	29	0.28	20	<5	29	0.14	58	<5	110
G45	8	53	0.6	<5	223	0.6	3	0.32	0.1	16	32	2.53	4.07	0.14	7	0.81	380	7	<0.01	38	0.20	26	<5	29	0.12	65	<5	112
G46	2	31	1.0	<5	153	0.5	<2	0.20	0.2	12	33	2.15	2.67	0.09	4	0.40	551	3	0.01	31	0.35	12	<5	19	0.09	33	<5	99
G47	1	21	0.9	<5	130	0.6	2	0.19	0.3	7	22	2.22	2.38	0.08	4	0.29	807	6	0.01	19	0.20	15	<5	15	0.13	32	<5	111
G48	2	27	0.6	<5	115	0.5	<2	0.20	0.2	11	25	1.70	2.49	0.08	6	0.52	323	3	<0.01	26	0.12	13	<5	20	0.09	36	6	92
G49	2	25	0.5	<5	122	0.6	<2	0.20	0.2	12	30	2.58	3.06	0.07	6	0.49	289	3	<0.01	31	0.16	11	<5	17	0.10	41	<5	109
G50	2	29	0.6	9	171	1.1	3	0.22	0.7	13	28	1.87	2.62	0.09	15	0.32	353	8	<0.01	23	0.37	20	8	23	0.12	44	<5	92
G51	1	21	0.7	7	183	0.7	5	0.25	0.3	9	23	1.80	2.65	0.09	8	0.33	335	4	<0.01	17	0.40	21	<5	21	0.13	38	<5	94
G52	1	9	0.3	<5	75	0.6	2	0.18	<0.1	9	22	2.82	3.16	0.06	4	0.34	258	3	<0.01	17	0.19	15	<5	16	0.14	47	<5	82
G53	4	27	0.3	<5	123	0.8	3	0.21	0.2	15	35	3.41	3.64	0.08	7	0.80	489	10	<0.01	32	0.17	19	<5	21	0.14	56	<5	131
G54	2	190	0.7	<5	170	1.1	3	0.38	0.2	16	42	4.13	4.62	0.16	7	0.76	366	12	0.01	55	0.11	25	<5	31	0.15	65	<5	121
G55	3	39	0.3	<5	127	0.6	3	0.52	0.2	13	33	2.23	3.29	0.13	7	0.77	803	7	<0.01	27	0.19	17	<5	31	0.11	53	<5	123
G56	1	13	0.4	<5	189	0.3	<2	0.43	0.2	8	20	0.83	1.61	0.08	4	0.21	1586	<1	0.01	12	0.11	10	<5	28	0.06	29	<5	67
G56*	2	13	0.5	<5	188	0.3	5	0.43	0.2	9	20	0.82	1.62	0.08	4	0.21	1595	8	0.01	14	0.11	9	<5	28	0.06	30	<5	66
G57	1	38	0.5	26	407	1.8	4	0.44	1.3	22	40	2.14	2.87	0.10	28	0.36	768	5	0.01	41	0.54	28	18	48	0.09	48	6	106
G58	<1	30	0.3	21	132	1.4	<2	0.40	0.9	16	31	1.78	1.75	0.07	22	0.19	614	6	0.02	32	0.25	16	8	33	0.09	47	<5	79
G59	3	84	0.4	<5	161	0.6	<2	0.45	0.1	20	41	2.46	3.74	0.26	6	1.17	618	2	0.01	56	0.14	57	<5	31	0.14	65	<5	151
G60	6	90	0.4	8	150	0.6	<2	0.35	0.1	17	39	2.08	4.04	0.17	10	0.78	332	10	0.01	46	0.07	16	5	34	0.22	105	<5	109
G61	5	156	0.3	<5	133	0.5	<2	0.35	<0.1	22	53	2.37	4.20	0.30	7	1.35	631	6	0.01	62	0.09	43	<5	36	0.18	84	<5	161

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
G62	<1	46	0.4	<5	103	0.4	<2	0.26	0.3	17	282	1.71	2.53	0.08	4	1.13	422	2	<0.01	88	0.21	31	<5	18	0.09	41	<5	111
G63	1	31	0.4	<5	167	0.4	<2	0.43	<0.1	14	81	1.88	2.64	0.15	4	0.62	261	5	0.01	58	0.28	16	<5	31	0.12	41	<5	80
G64	3	91	0.3	<5	187	0.6	<2	0.36	0.3	22	66	2.81	4.64	0.29	5	1.47	467	5	0.01	57	0.38	15	<5	24	0.15	85	<5	143
G65	<1	16	0.3	<5	186	0.7	<2	0.20	0.2	8	39	3.36	3.12	0.08	3	0.29	179	2	0.01	24	0.76	9	<5	19	0.15	40	<5	55
G65*	<1	13	0.3	5	181	0.7	<2	0.17	0.3	7	38	3.37	2.89	0.06	3	0.25	168	2	<0.01	22	0.79	11	<5	18	0.15	39	<5	51
G66	<1	46	0.6	22	132	2.4	9	0.18	1.5	22	45	4.88	2.42	0.04	33	0.13	235	2	0.02	49	0.24	28	8	30	0.14	69	19	52
G69	3	22	0.7	9	110	1.0	6	0.14	0.7	14	40	1.94	2.26	0.09	16	0.30	310	<1	0.01	25	0.18	20	<5	18	0.11	56	11	59
G70	11	43	0.4	<5	122	0.9	9	0.36	0.4	20	74	2.52	3.34	0.14	15	0.99	420	3	0.01	59	0.08	27	<5	36	0.14	81	6	90
G71	5	59	0.9	<5	131	0.7	7	0.27	0.3	17	79	2.66	3.79	0.13	8	1.11	548	<1	0.01	55	0.26	21	<5	25	0.14	74	<5	159
G72	4	56	1.0	<5	126	0.8	5	0.26	0.2	16	78	2.55	3.71	0.12	9	1.06	524	3	0.01	55	0.25	18	<5	24	0.14	72	<5	146
G73	13	120	0.3	12	102	0.6	7	2.08	0.3	22	65	1.87	4.09	0.26	15	1.11	768	3	0.02	53	0.17	15	<5	63	0.11	85	8	97
H18	9	118	0.4	14	93	0.6	5	2.13	0.4	21	61	1.69	3.90	0.26	15	1.05	744	4	0.02	50	0.15	14	9	62	0.10	81	<5	88
H19	11	46	0.3	<5	139	0.5	5	0.45	0.2	15	54	1.95	3.07	0.17	9	0.63	312	<1	0.01	56	0.13	9	<5	30	0.10	56	<5	66
H20	9	18	0.6	<5	136	0.6	5	0.41	0.2	13	47	2.53	2.67	0.09	6	0.46	287	3	0.01	68	0.25	11	<5	27	0.09	47	<5	76
H20*	4	13	0.6	<5	135	0.6	5	0.34	0.2	13	45	2.54	2.56	0.08	6	0.41	267	2	0.01	66	0.26	10	<5	26	0.09	45	<5	73
H21	9	25	0.2	<5	95	0.4	5	0.26	0.2	11	56	1.23	2.42	0.08	8	0.56	206	6	<0.01	38	0.08	14	<5	23	0.08	51	6	46
H22	13	38	0.3	6	84	0.3	3	0.25	0.1	12	66	1.27	2.68	0.06	8	0.69	243	2	<0.01	55	0.10	7	<5	19	0.07	51	<5	51
H23	2	46	0.2	16	138	1.2	9	0.30	0.7	18	51	2.79	3.06	0.07	19	0.57	341	5	0.01	49	0.22	19	<5	28	0.12	69	7	99
H24	7	45	0.1	8	301	0.7	4	0.24	0.3	16	41	2.31	3.03	0.08	11	0.66	398	8	<0.01	33	0.13	17	<5	33	0.11	64	<5	86
H25	11	41	0.1	7	224	0.5	5	0.30	0.1	13	42	2.40	3.29	0.08	8	0.63	311	4	<0.01	30	0.18	11	<5	30	0.12	61	6	73
H26	12	25	0.6	5	205	0.5	<2	0.40	<0.1	12	37	2.29	2.94	0.11	7	0.49	563	7	0.01	28	0.24	12	<5	31	0.11	48	<5	94
H27	6	28	0.6	7	217	0.8	2	0.20	0.1	8	30	3.61	3.29	0.08	8	0.32	236	6	<0.01	23	0.33	16	<5	23	0.17	53	<5	88
H28	5	58	0.3	<5	163	0.8	3	0.20	<0.1	11	27	3.60	3.08	0.13	7	0.51	528	3	0.01	23	0.39	39	<5	17	0.16	60	<5	126
H29	8	60	0.3	<5	167	0.8	2	0.21	<0.1	13	27	3.76	3.24	0.14	6	0.54	601	2	0.01	23	0.41	46	<5	18	0.17	63	<5	134
H29*	4	63	0.2	<5	171	0.8	4	0.22	0.1	13	27	3.82	3.29	0.15	6	0.55	615	3	0.01	22	0.42	51	<5	18	0.17	65	<5	137
H30	7	30	0.2	<5	147	0.4	2	0.21	<0.1	10	20	1.94	2.64	0.09	4	0.56	287	5	0.01	41	0.21	4	<5	21	0.09	38	<5	88
H31	1	14	0.5	<5	134	0.6	2	0.16	0.1	5	14	2.61	1.63	0.03	2	0.11	1247	5	0.01	43	0.43	4	<5	14	0.08	17	<5	43
H32	10	17	0.3	<5	106	0.3	4	0.27	0.1	8	19	1.67	2.49	0.01	2	0.37	243	8	0.01	54	0.17	8	<5	20	0.12	41	<5	61
H33	9	26	0.4	<5	86	0.3	4	0.27	0.2	9	24	1.33	2.21	0.09	4	0.49	301	6	0.01	59	0.07	6	<5	20	0.08	37	<5	64
H34	6	19	0.4	<5	92	0.5	3	0.27	0.2	9	15	1.72	2.12	0.05	5	0.33	230	2	0.01	59	0.16	8	<5	18	0.06	33	<5	67
H35	10	41	0.2	<5	83	0.2	2	0.37	0.3	11	61	1.28	2.22	0.06	3	0.62	180	2	0.01	86	0.03	6	5	25	0.07	39	<5	44
H36	13	22	0.4	<5	81	0.4	2	0.19	0.3	9	38	1.95	2.47	0.06	5	0.44	205	4	0.01	61	0.14	5	<5	15	0.07	39	<5	58
H37	16	17	0.5	<5	47	0.2	<2	0.09	0.1	6	13	1.12	2.01	0.05	3	0.36	200	<1	0.01	22	0.06	5	<5	11	0.06	39	<5	37
H38	13	16	0.7	<5	110	0.5	3	0.32	0.1	9	19	2.42	2.76	0.07	4	0.37	205	<1	<0.01	22	0.19	9	<5	23	0.12	40	<5	60
H39	3	27	0.6	<5	93	0.5	<2	0.11	<0.1	6	27	1.36	2.12	0.03	14	0.21	116	<1	<0.01	10	0.03	4	7	43	0.07	36	<5	33
H40	6	49	0.5	12	116	0.9	<2	0.11	0.3	13	35	1.64	2.77	0.05	19	0.45	213	3	0.01	60	0.04	11	<5	50	0.08	55	<5	71
H41	10	351	0.3	<5	174	0.7	4	0.48	<0.1	15	40	2.29	3.36	0.09	16	0.80	365	5	0.01	54	0.03	14	<5	44	0.10	65	<5	91
H42	9	572	2.3	<5	118	1.2	3	0.82	<0.1	9	26	1.87	3.00	0.04	33	0.19	1301	9	0.02	26	0.07	12	5	50	0.07	42	<5	41
H43	12	344	2.7	<5	312	1.1	2	0.82	<0.1	12	34	3.92	4.21	0.10	17	0.31	356	9	0.02	60	0.09	19	<5	39	0.15	54	<5	58
H44	3	36	0.6	<5	76	0.5	<2	0.15	<0.1	9	26	1.74	2.51	0.07	7	0.44	213	4	<0.01	19	0.10	7	<5	15	0.10	43	<5	56
H45	14	480	1.1	<5	248	1.4	<2	0.53	<0.1	13	34	3.08	3.33	0.11	18	0.38	795	6	0.02	49	0.12	49	<5	40	0.15	47	<5	129
H46	17	32	0.7	<5	122	0.5	4	0.32	<0.1	10	29	1.97	3.13	0.10	6	0.53	270	3	<0.01	24	0.16	12	<5	27	0.11	57	<5	86
H47	<1	22	0.8	<5	78	0.7	4	0.15	<0.1	9	19	3.17	2.25	0.04	6	0.12	477	5	0.01	13	0.22	21	<5	12	0.12	33	<5	63
H47*	1	24	0.8	<5	73	0.7	4	0.14	<0.1	9	18	2.90	2.13	0.03	7	0.12	446	1	0.01	14	0.21	22	7	11	0.11	31	<5	58
H48	3	74	0.6	26	84	1.7	10	0.21	1.1	20	39	1.83	2.73	0.06	28	0.44	315	6	0.01	39	0.14	22	8	30	0.09	68	19	83
H49	62	87	0.7	<5	93	0.7	6	0.29	<0.1	12	21	1.76	2.70	0.08	9	0.36	384	6	0.01	24	0.11	13	<5	24	0.09	40	<5	75
H50	1	36	0.5	10	92	1.1	5	0.29	0.3	11	23	2.61	2.23	0.06	13	0.19	473	6	0.01	18	0.30	17	<5	22	0.12	42	<5	71
H51	1	36	0.5	8	90	1.1	4	0.28	0.3	11	24	2.53	2.14	0.06	14	0.19	471	3	0.01	19	0.30	13	<5	22	0.12	42	<5	67
H52	15	39	0.1	<5	46	0.5	3	0.16	<0.1	10	21	1.59	3.53	0.06	8	0.85	444	4	<0.01	17	0.11	9	<5	14	0.17	85	<5	89
H53	9	32	0.3	<5	93	0.5	4	0.19	<0.1	10	25	1.90	3.04	0.07	7	0.66	551	<1	<0.01	19	0.09	13	5	19	0.12	62	<5	76
H54	12	33	0.4	<5	115	0.7	4	0.20	<0.1	12	26	2.44	3.25	0.07	7	0.70	588	3	<0.01	23	0.12	16	<5	19	0.12	62	<5	98
H55	3	38	0.4	<5	117	0.6	4	0.20	<0.1	9	27	2.39	3.18	0.06	6	0.69	369	5	<0.01	24	0.14	11	<5	19	0.12	59	<5	89
H56	15	42	0.3	<5	219	0.5	6	0.28	<0.1	10	22	2.03	2.60	0.07	4	0.68	367	3	<0.01	23	0.33	16	6	27	0.09	41	<5	82
H56*	5	40	0.2	<5	217	0.5	7	0.29	<0.1	9	22	1.93	2.56	0.07	5	0.65	352	3	<0.01	23	0.33	17	<5	26	0.08	39	<5	79
H57	2	18	0.5	<5	355	0.3	3	0.32	<0.1	7	19	0.82	1.45	0.11	5	0.23	824	1	0.01	14	0.14	6	<5	31	0.05	23	10	123
H58	7	115	0.4	30	121	1.9	10	0.36	1.4	24	55	1.18	2.37	0.08	38	0.67	471	7	0.01	47	0.03	23	14	47	0.08	78	13	62
H59	1	24	1.2	7	110	1.2	4	0.13	0.5	12	25	2.34	1.74	0.04	18	0.11	351	3	<0.01	20	0.28	16	9	20	0.09	35	<5	47
H60	2	25	0.5	<5	109	0.8	4	0.17	0.1	14	33	2.07	2.34	0.06	12	0.41	403	2	0.01	34	0.23	10	<5	22	0.09	41	<5	69
H61	4	32	1.4	<5	74	0.7	<2	0.06	<0.1	8	23	2.19	2.16	0.03	8	0.21	139	2	0.01	21	0.19	24	<5	10	0.13	31	<5	31
H62	2	22	0.8	<5	125	0.5	2	0.17	<0.1	12	156	3.05	4.07	0.06	4	0.56	92	<1	0.01	88	0.32	9	<5	15	0.19	97	<5	36

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
B63	2	22	0.3	<5	106	0.2	<2	0.27	<0.1	9	57	1.25	3.11	0.40	3	1.14	331	3	<0.01	38	0.06	16	<5	25	0.13	68	<5	61
B64	2	30	0.7	<5	85	0.4	3	0.25	<0.1	16	76	2.18	3.51	0.12	4	0.86	288	2	0.01	61	0.15	31	<5	20	0.12	63	<5	88
B65	2	6	0.9	<5	57	0.6	3	0.09	<0.1	13	65	2.91	2.64	0.05	3	0.36	211	2	0.01	43	0.15	39	<5	8	0.10	37	<5	50
B66	2	17	0.2	10	108	0.6	4	0.14	0.3	11	97	0.73	2.12	0.08	12	0.39	169	5	0.01	40	0.01	28	7	17	0.11	61	13	35
B67	2	135	0.6	25	137	1.7	10	0.38	1.1	30	275	1.27	2.39	0.06	31	0.79	223	9	0.02	191	0.03	33	10	38	0.10	67	9	43
B68	4	42	0.3	20	97	1.3	7	0.19	0.8	23	158	1.41	3.49	0.07	25	0.88	280	11	0.01	91	0.03	29	7	28	0.11	82	7	59
B69	10	30	0.3	15	128	1.1	6	0.26	0.5	22	79	1.70	3.15	0.06	20	0.67	268	5	<0.01	79	0.08	18	11	30	0.09	65	5	72
B70	7	22	0.4	<5	103	0.6	3	0.28	<0.1	19	52	1.89	3.58	0.12	8	0.67	524	4	<0.01	60	0.22	17	<5	24	0.09	60	<5	73
B71	4	69	0.4	<5	98	0.4	<2	0.21	<0.1	9	50	1.08	1.26	0.03	7	0.19	62	3	<0.01	73	0.02	27	<5	25	0.10	34	<5	17
B72	13	50	0.8	<5	119	0.6	<2	0.23	<0.1	14	63	2.10	3.38	0.10	7	0.93	471	6	<0.01	48	0.21	14	<5	22	0.11	57	<5	122
B72*	5	47	0.8	<5	113	0.6	4	0.22	<0.1	14	60	2.00	3.28	0.10	7	0.90	461	5	<0.01	47	0.21	16	<5	21	0.11	55	<5	117
K73	1	24	0.6	<5	153	0.5	<2	0.27	<0.1	15	39	2.55	2.89	0.07	3	0.52	386	<1	<0.01	28	0.35	58	<5	23	0.13	63	<5	159
K74	2	32	0.5	<5	144	0.6	<2	0.27	<0.1	23	65	1.45	3.15	0.15	6	0.76	315	2	0.01	48	0.10	75	<5	23	0.11	70	<5	89
K75	12	67	1.4	<5	258	1.6	<2	0.51	<0.1	35	346	2.34	4.71	1.16	4	3.02	598	1	<0.01	153	0.09	195	<5	30	0.18	146	<5	100
K76	7	126	2.1	<5	325	1.2	<2	0.44	<0.1	25	207	2.47	4.00	0.18	4	1.68	687	4	0.01	141	0.12	252	<5	30	0.14	95	<5	141
K77	6	57	<0.1	<5	156	1.0	<2	0.49	<0.1	23	266	1.95	3.65	0.45	9	2.09	427	1	0.01	144	0.08	55	<5	29	0.13	82	<5	68
K78	2	59	<0.1	<5	198	0.5	<2	0.53	<0.1	29	298	2.38	3.63	0.45	5	2.16	530	<1	0.01	186	0.06	12	<5	27	0.14	78	<5	81
K79	<1	75	<0.1	<5	181	0.8	<2	0.36	<0.1	45	667	2.47	4.84	0.27	2	4.19	351	<1	<0.01	381	0.03	69	<5	29	0.16	125	<5	54
K80	2	15	<0.1	<5	142	0.2	<2	0.28	<0.1	17	175	0.86	2.62	0.07	3	0.57	352	2	<0.01	135	0.06	17	<5	21	0.07	33	<5	56
K81	2	12	<0.1	<5	98	0.2	<2	0.24	<0.1	6	46	1.05	2.23	0.25	5	0.39	156	<1	<0.01	23	0.14	5	<5	19	0.05	40	<5	50
K81*	1	12	<0.1	<5	90	0.2	<2	0.26	<0.1	6	45	1.06	2.25	0.06	4	0.37	152	<1	<0.01	20	0.14	4	<5	18	0.04	39	<5	51
K82	2	19	0.3	<5	99	0.5	<2	0.29	<0.1	11	73	1.86	3.55	0.04	6	0.55	164	1	<0.01	80	0.08	6	<5	21	0.11	65	6	82
K83	3	17	<0.1	<5	102	0.5	<2	0.23	<0.1	18	69	1.97	3.01	0.06	7	0.72	238	2	<0.01	72	0.09	6	<5	18	0.09	46	<5	74
K84	3	23	<0.1	<5	69	0.3	<2	0.21	<0.1	21	142	1.24	3.84	1.07	5	0.85	261	2	0.01	152	0.05	4	<5	14	0.08	47	<5	49
K85	<1	19	0.4	<5	206	0.4	<2	0.19	<0.1	23	202	1.79	2.25	0.03	4	0.88	240	<1	<0.01	143	0.32	4	<5	15	0.09	36	<5	57
K86	16	53	0.3	<5	96	0.5	3	0.46	<0.1	26	139	2.09	3.93	0.06	8	1.44	369	<1	0.01	252	0.05	6	<5	28	0.10	65	<5	64
K87	9	101	1.4	<5	161	0.4	<2	0.75	<0.1	12	53	1.93	3.56	1.10	6	0.68	638	3	0.01	203	0.05	11	<5	43	0.07	40	<5	54
K88	4	127	1.6	<5	291	0.7	4	1.00	<0.1	11	59	2.34	3.32	0.12	16	0.45	512	2	0.01	78	0.04	10	<5	50	0.07	47	<5	42
K89	5	26	0.1	<5	99	0.5	2	0.27	<0.1	15	75	2.13	3.62	0.05	6	0.86	310	2	<0.01	59	0.17	7	<5	18	0.08	56	<5	83
K90	12	33	<0.1	<5	90	0.3	2	0.27	<0.1	12	80	1.75	3.67	0.12	6	1.20	350	<1	<0.01	53	0.08	11	<5	21	0.11	65	<5	69
K90*	16	34	<0.1	<5	90	0.3	3	0.27	<0.1	12	83	1.82	3.82	0.13	6	1.25	351	1	<0.01	54	0.08	10	<5	22	0.11	68	<5	72
K91	11	42	0.3	<5	130	0.8	3	0.20	<0.1	20	84	2.84	3.82	0.24	9	1.21	384	5	0.01	78	0.04	13	<5	20	0.14	74	<5	92
K92	5	42	0.2	<5	115	0.5	2	0.23	<0.1	15	49	2.29	3.66	0.16	4	1.09	865	3	<0.01	38	0.08	7	<5	14	0.14	73	<5	126
K93	6	40	0.2	<5	119	0.5	2	0.20	<0.1	15	46	2.41	3.60	0.16	4	1.01	602	3	<0.01	38	0.11	7	<5	15	0.14	71	<5	122
L17	9	100	0.2	5	71	0.6	4	1.70	0.2	17	51	1.07	2.91	0.19	16	0.79	568	11	0.01	52	0.10	9	<5	50	0.06	56	<5	63
L18	5	22	0.2	<5	168	0.3	3	0.21	<0.1	9	41	1.29	2.22	0.03	7	0.52	173	4	<0.01	38	0.02	5	<5	27	0.06	42	<5	45
L19	3	15	0.2	<5	175	0.3	<2	0.25	<0.1	7	31	1.52	2.04	0.02	4	0.36	118	4	<0.01	13	0.02	4	<5	29	0.06	35	<5	43
L20	<1	15	0.4	<5	227	0.5	<2	0.21	<0.1	8	30	2.60	2.31	0.04	5	0.21	318	<1	<0.01	15	0.37	6	<5	23	0.08	30	<5	73
L21	3	14	0.4	<5	104	0.6	3	0.13	<0.1	8	39	2.25	2.42	0.03	6	0.18	126	3	<0.01	23	0.16	8	<5	14	0.06	40	<5	43
L22	6	22	0.4	<5	172	0.4	4	0.16	<0.1	9	47	1.96	2.92	0.03	5	0.55	196	<1	<0.01	35	0.09	5	<5	19	0.04	48	<5	47
L23	60	48	0.4	<5	226	0.3	2	0.16	<0.1	9	32	1.63	2.46	0.03	4	0.48	174	<1	<0.01	26	0.15	7	<5	20	0.05	33	<5	41
L23*	1	49	0.4	<5	232	0.3	3	0.16	<0.1	9	32	1.63	2.45	0.03	4	0.46	174	2	<0.01	27	0.15	7	<5	21	0.05	33	<5	41
L24	1	19	0.4	8	59	0.8	4	0.10	0.4	9	24	1.69	1.68	0.03	13	0.08	244	2	<0.01	14	0.13	11	<5	13	0.08	31	15	38
L25	3	9	0.3	<5	135	0.2	<2	0.15	<0.1	6	29	1.10	1.74	0.04	4	0.27	478	8	<0.01	18	0.09	8	9	13	0.05	26	<5	42
L26	<1	14	0.4	<5	223	0.7	4	0.55	<0.1	10	25	2.80	2.29	0.03	6	0.19	728	3	<0.01	12	0.42	15	<5	35	0.12	25	<5	75
L27	8	34	0.1	<5	219	0.4	6	0.50	<0.1	11	41	1.63	3.12	0.08	8	0.70	321	10	<0.01	33	0.06	11	<5	36	0.06	53	<5	58
L28	7	15	0.3	<5	93	0.4	6	0.21	<0.1	7	36	1.50	2.54	0.04	7	0.33	164	7	<0.01	24	0.21	5	<5	13	0.03	34	<5	58
L29	2	15	0.5	<5	207	0.5	6	0.19	<0.1	7	31	1.96	2.21	0.06	5	0.31	395	7	<0.01	27	0.25	10	<5	15	0.06	30	<5	52
L30	4	17	0.3	<5	100	0.3	3	0.16	<0.1	7	28	1.34	2.00	0.05	4	0.33	173	2	<0.01	19	0.10	7	<5	15	0.04	29	<5	38
L31	10	32	0.5	<5	144	0.5	4	0.16	<0.1	8	33	2.05	2.60	0.06	6	0.47	186	2	<0.01	25	0.13	8	<5	16	0.05	36	<5	42
L32	6	9	0.7	<5	106	0.3	<2	0.12	<0.1	4	22	1.54	1.70	0.04	3	0.13	133	3	<0.01	11	0.12	10	<5	14	0.04	29	<5	24
L33	5	30	0.5	<5	155	0.6	<2	0.21	<0.1	10	28	1.87	2.74	0.05	8	0.42	205	2	<0.01	1	0.34	8	<5	22	0.06	41	15	60
L34	7	19	0.1	<5	98	0.2	<2	0.17	<0.1	7	29	1.12	2.22	0.05	5	0.48	163	4	<0.01	4	0.02	4	<5	22	0.07	49	<5	35
L35	4	35	0.4	<5	119	0.5	<2	0.08	<0.1	9	33	2.27	2.58	0.04	7	0.48	212	6	<0.01	21	0.09	10	<5	13	0.10	41	<5	48
L36	9	18	0.2	<5	105	0.3	3	0.14	0.2	7	26	1.21	1.86	0.06	5	0.38	167	5	<0.01	13	0.06	10	<5	18	0.06	30	<5	51
L37	3	24	0.6	<5	119	0.4	3	0.22	<0.1	9	25	1.52	2.10	0.04	5	0.44	725	6	<0.01	13	0.16	10	<5	22	0.07	32	<5	53
L38	1	10	0.6	<5	140	0.6	4	0.11	<0.1	4	22	2.02	1.85	0.03	5	0.11	113	1	<0.01	<1	0.62	14	<5	12	0.09	16	<5	34
L39	2	111	1.1	<5	190	1.8	<2	0.31	<0.1	14	30	2.45	3.71	0.15	6	0.58	403	3	<0.01	21	0.13	16	<5	23	0.14	63	<5	74
L40	<1	15	0.9	<5	82	0.5	<2	0.23	<0.1	5	21	2.73	2.04	0.05	3	0.18	109	2	<0.01	6	0.35	15	<5	19	0.10	28	<5	37
L41	8	26	0.6	<5	80	0.4	3	0.17	<0.1	7	31	1.88	2.58	0.06	5	0.47	109	2	<0.01	13	0.19	12	<5	15	0.06	39	<5	52

* Represents re-assayed sample

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SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
L41*	7	25	0.6	<5	82	0.4	<2	0.17	<0.1	8	31	1.85	2.59	0.06	5	0.46	211	4	<0.01	14	0.19	8	<5	15	0.06	38	<5	52
L42	3	33	0.9	<5	84	0.9	<2	0.10	0.2	9	26	2.22	1.99	0.03	11	0.21	157	6	<0.01	8	0.17	21	<5	14	0.06	36	13	46
L43	5	39	0.3	<5	121	1.1	7	0.18	0.4	13	37	1.86	2.57	0.09	17	0.43	248	8	<0.01	47	0.14	19	<5	22	0.10	61	6	55
L44	3	24	1.2	<5	90	0.5	4	0.14	<0.1	6	21	2.44	2.16	0.04	5	0.21	216	<1	<0.01	6	0.11	14	<5	13	0.09	34	<5	31
L45	3	32	0.6	<5	92	0.5	4	0.20	<0.1	8	29	1.82	2.78	0.07	5	0.52	229	<1	<0.01	10	0.10	10	<5	19	0.09	53	<5	60
L46	5	48	0.2	<5	79	0.5	4	0.24	<0.1	10	31	2.25	3.13	0.08	6	0.68	253	1	<0.01	17	0.14	14	<5	20	0.08	59	<5	73
L47	5	26	0.8	<5	78	0.5	4	0.12	<0.1	6	22	2.03	2.37	0.04	5	0.24	160	7	<0.01	5	0.24	14	<5	12	0.09	36	<5	44
L48	<1	25	0.7	<5	65	0.7	4	0.15	<0.1	3	20	3.05	2.81	0.03	4	0.07	76	<1	<0.01	2	0.40	16	<5	17	0.15	47	<5	19
L49	7	23	0.4	<5	89	0.5	4	0.17	<0.1	6	24	2.21	2.97	0.03	5	0.35	133	5	<0.01	9	0.27	14	<5	17	0.10	53	<5	33
L50	9	45	0.2	<5	51	0.2	4	0.13	<0.1	5	25	1.20	3.24	0.04	3	0.36	134	4	<0.01	14	0.02	10	<5	17	0.10	57	<5	26
L50*	8	46	0.2	<5	54	0.1	5	0.14	<0.1	5	26	1.27	3.32	0.04	4	0.40	146	<1	<0.01	13	0.01	12	<5	19	0.11	63	<5	27
L51	9	48	0.2	6	63	0.6	2	0.15	0.3	9	32	1.16	3.09	0.04	12	0.36	157	3	<0.01	18	0.02	10	<5	23	0.11	68	13	30
L52	3	17	0.3	<5	58	0.4	4	0.12	<0.1	7	26	1.63	2.19	0.03	5	0.25	329	<1	<0.01	13	0.20	9	<5	12	0.07	38	<5	52
L53	3	26	0.4	<5	50	0.5	<2	0.09	<0.1	5	26	2.51	2.65	0.03	6	0.25	122	5	<0.01	11	0.20	11	<5	11	0.09	49	<5	42
L54	9	45	0.4	<5	91	0.5	3	0.15	<0.1	10	27	2.23	2.27	0.06	6	0.41	246	2	<0.01	22	0.14	10	<5	18	0.09	41	<5	58
L55	3	37	0.4	<5	40	0.5	<2	0.10	<0.1	6	28	1.90	2.57	0.05	6	0.32	144	<1	<0.01	18	0.17	9	<5	14	0.09	51	<5	46
L56	<1	27	0.3	<5	67	0.5	<2	0.10	<0.1	6	25	2.26	2.63	0.05	4	0.18	102	<1	<0.01	13	0.09	12	<5	13	0.14	54	<5	30
L57	5	61	0.2	<5	136	0.5	<2	0.15	<0.1	11	27	3.74	3.85	0.03	9	0.37	179	4	<0.01	17	0.04	12	<5	18	0.13	65	<5	40
L58	4	44	0.4	<5	73	0.4	<2	0.11	<0.1	11	30	2.11	2.32	0.05	5	0.45	299	<1	<0.01	22	0.16	13	<5	13	0.08	39	<5	102
L59	4	23	0.4	<5	81	0.5	2	0.14	<0.1	6	27	2.67	1.93	0.05	5	0.21	147	<1	<0.01	14	0.17	13	<5	14	0.09	29	<5	47
L59*	<1	21	0.4	<5	82	0.5	<2	0.11	<0.1	6	26	2.75	1.92	0.05	4	0.20	144	<1	<0.01	14	0.17	9	<5	13	0.09	30	<5	48
L60	5	22	0.5	<5	114	<0.1	<2	0.22	<0.1	8	44	1.91	3.40	0.11	<1	0.70	229	<1	<0.01	25	0.10	2	<5	42	0.10	62	<5	73
L61	2	39	0.6	<5	87	0.3	<2	0.11	<0.1	9	28	2.72	3.75	0.07	<1	0.44	245	3	<0.01	31	0.17	11	<5	13	0.15	55	<5	101
L62	6	54	0.4	<5	61	0.4	<2	0.19	<0.1	14	34	2.98	4.29	0.09	<1	0.87	491	6	<0.01	28	0.16	11	<5	21	0.13	76	<5	147
L63	3	38	0.4	<5	106	<0.1	<2	0.13	<0.1	7	47	1.53	2.91	0.07	<1	0.55	183	6	<0.01	25	0.04	8	<5	23	0.11	57	<5	47
L64	2	18	0.3	<5	51	<0.1	<2	0.14	<0.1	5	33	1.09	1.46	0.09	<1	0.24	85	3	<0.01	15	0.02	12	<5	17	0.15	55	<5	30
L65	4	35	0.2	<5	115	0.3	3	0.21	<0.1	13	55	2.71	3.44	0.09	<1	0.77	293	3	<0.01	37	0.12	9	<5	26	0.11	54	<5	76
L66	2	18	0.3	<5	85	<0.1	<2	0.18	<0.1	5	40	0.96	1.95	0.06	<1	0.28	245	<1	<0.01	23	0.05	14	<5	17	0.09	35	<5	41
L67	4	46	0.3	<5	65	<0.1	<2	0.27	<0.1	8	55	1.13	2.69	0.10	<1	0.56	204	<1	<0.01	30	0.09	37	<5	21	0.06	46	<5	43
L68	1	19	1.2	<5	133	0.5	<2	0.13	<0.1	10	27	3.52	2.66	0.04	<1	0.07	223	<1	<0.01	11	0.54	92	<5	10	0.12	27	<5	32
L69*	1	19	1.2	<5	143	0.6	<2	0.16	<0.1	11	29	3.59	2.69	0.04	<1	0.07	239	<1	<0.01	11	0.58	99	<5	11	0.13	28	<5	35
L69	1	76	1.1	<5	135	0.7	4	0.17	0.1	11	35	1.33	2.51	0.11	10	0.30	443	5	0.01	33	0.06	285	<5	27	0.12	55	12	62
L70	3	33	0.6	<5	77	0.4	3	0.17	<0.1	10	38	1.74	3.42	0.06	6	0.70	277	4	<0.01	59	0.10	41	<5	20	0.10	67	<5	69
L71	2	80	0.4	<5	105	0.4	3	0.24	<0.1	21	70	2.03	4.19	0.14	6	1.09	352	3	<0.01	55	0.09	53	<5	21	0.13	88	<5	90
L72	6	81	0.6	<5	126	0.4	3	0.22	<0.1	19	67	2.12	6.00	0.10	5	1.01	348	5	<0.01	52	0.09	49	<5	19	0.12	83	<5	86
L73	13	94	0.3	<5	70	0.3	2	0.17	<0.1	16	45	1.09	3.21	0.19	10	1.80	614	5	0.01	31	0.10	1	<5	51	0.06	53	<5	60
L73	4	37	1.1	<5	103	0.6	3	0.24	<0.1	25	75	2.83	3.33	0.07	5	0.85	288	3	<0.01	71	0.12	39	<5	19	0.11	59	<5	67
L74	1	37	0.6	<5	167	0.4	<2	0.22	<0.1	19	65	1.51	3.35	0.08	5	0.65	287	2	<0.01	46	0.09	78	<5	19	0.09	60	<5	117
L75	1	25	0.7	<5	109	0.3	<2	0.18	<0.1	26	235	1.41	3.28	0.09	4	1.26	972	2	<0.01	140	0.07	23	<5	15	0.08	55	<5	73
L76	1	29	0.2	<5	194	0.6	<2	0.29	<0.1	47	241	1.95	3.70	0.13	3	1.40	828	3	0.01	234	0.04	86	<5	23	0.13	61	<5	89
L77	1	19	0.2	<5	85	0.4	<2	0.15	<0.1	12	108	1.05	4.35	0.14	3	1.83	356	2	<0.01	348	0.04	161	<5	22	0.09	85	<5	62
L78	13	27	0.1	<5	114	0.1	<2	0.45	<0.1	30	437	2.13	4.59	0.12	4	3.19	586	3	0.01	238	0.06	45	<5	23	0.15	126	<5	99
L78*	1	25	0.1	<5	112	1.0	<2	0.42	<0.1	29	432	2.02	4.40	0.49	4	3.01	563	2	0.01	233	0.06	45	<5	22	0.14	121	<5	93
L79	5	36	<0.1	<5	103	1.7	<2	0.47	<0.1	31	488	2.01	4.54	0.38	10	3.77	505	2	0.01	255	0.09	101	<5	31	0.11	107	<5	65
L80	2	65	0.4	<5	149	0.8	<2	0.32	<0.1	31	237	2.01	3.80	0.24	5	2.16	973	<1	0.01	700	0.05	42	<5	26	0.09	62	<5	74
L81	3	31	<0.1	<5	139	0.6	<2	0.40	<0.1	29	466	2.25	4.21	0.34	4	3.47	351	<1	<0.01	324	0.05	23	<5	20	0.14	95	<5	63
L82	1	24	<0.1	<5	98	0.6	3	0.23	<0.1	28	260	1.05	3.61	0.17	5	1.82	291	1	0.01	201	0.08	36	<5	16	0.11	70	<5	58
L83	3	22	<0.1	<5	78	0.4	<2	0.21	<0.1	25	210	1.40	3.36	0.07	4	1.68	421	2	0.01	194	0.05	17	<5	15	0.11	69	<5	55
L84	<1	24	0.2	<5	122	0.5	<2	0.25	<0.1	28	265	1.55	3.48	0.09	4	1.48	1093	<1	<0.01	166	0.07	25	<5	17	0.09	60	<5	78
L85	1	30	0.4	<5	78	0.4	<2	0.47	<0.1	23	263	1.73	3.82	0.34	4	1.92	361	<1	0.01	148	0.11	32	<5	21	0.11	74	<5	74
L86	4	19	0.1	<5	78	0.2	2	0.28	<0.1	16	86	1.50	2.98	0.10	4	1.07	358	<1	<0.01	84	0.09	7	<5	17	0.09	47	<5	78
L87	1	24	0.4	<5	79	0.5	2	0.30	<0.1	17	84	2.19	2.73	0.08	6	0.73	501	<1	0.01	137	0.11	9	<5	16	0.10	33	<5	77
L88	2	96	0.9	<5	98	0.4	<2	0.54	0.1	31	69	1.00	1.73	0.06	10	0.21	271	<1	0.01	388	0.04	11	<5	30	0.05	20	7	24
L89	6	22	0.3	<5	185	0.4	2	0.25	0.1	26	148	1.29	2.82	0.05	5	0.66	358	<1	0.01	234	0.02	13	<5	15	0.10	56	<5	59
L90	3	51	0.2	<5	159	0.4	3	0.22	<0.1	23	113	0.84	3.11	0.11	5	1.14	314	<1	0.01	234	0.02	13	<5	19	0.11	68	<5	85
L91	3	25	0.2	<5	128	0.3	<2	0.34	<0.1	15	142	1.62	3.73	0.10	6	1.23	282	<1	<0.01	84	0.12	9	<5	19	0.11	68	<5	40
L92	2	69	1.0	<5	155	0.3	<2	0.76	<0.1	6	38	0.98	1.89	0.06	6	0.34	216	<1	<0.01	187	0.03	6	<5	48	0.06	34	<5	40
L93	2	59	0.9	<5	157	0.5	3	0.24	<0.1	16	98	2.86	3.45	0.09	4	0.79	263	<1	0.01	212	0.08	17	<5	19	0.12	56	<5	73
L94	2	66	0.6	<5	198	0.5	3	0.23	<0.1	15	96	2.75	3.41	0.09	4	0.77	260	<1	0.01	201	0.08	16	<5	18	0.12	56	<5	78
M20	11	93	0.3	<5	70	0.3	<2	1.63	<0.1	16	47	1.09	3.15	0.19	9	0.79	603	2	0.01	34	0.10	2	<5	50	0.05	52	<5	60

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AG	CD	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
M21	11	20	0.2	<5	231	0.2	2	0.37	<0.1	7	40	1.20	1.85	0.03	6	0.48	155	5	<0.01	20	0.02	4	<5	40	0.06	37	<5	37
M22	16	25	0.3	<5	267	0.2	<2	0.38	<0.1	9	46	1.40	2.25	0.03	7	0.63	196	<1	<0.01	23	0.02	4	<5	45	0.06	44	<5	41
M23	6	22	0.3	<5	359	0.3	<2	0.35	<0.1	8	42	1.80	2.39	0.04	5	0.47	197	6	0.01	26	0.02	5	<5	37	0.05	40	<5	41
M23*	6	22	0.3	<5	360	0.4	<2	0.37	<0.1	9	44	1.93	2.40	0.04	5	0.50	209	7	0.01	26	0.02	7	<5	40	0.05	43	<5	39
M24	15	26	0.3	<5	416	0.5	2	0.38	<0.1	11	47	2.10	2.73	0.04	9	0.52	352	8	<0.01	35	0.05	6	<5	36	0.06	44	14	72
M25	10	17	0.3	<5	177	0.3	<2	0.20	<0.1	6	35	1.40	2.23	0.05	5	0.37	187	6	<0.01	27	0.05	6	<5	20	0.07	38	<5	43
M26	8	19	0.3	<5	167	0.3	<2	0.13	<0.1	7	34	1.20	2.15	0.04	5	0.37	254	7	<0.01	27	0.07	9	<5	15	0.05	34	<5	42
M27	5	14	0.3	<5	230	0.5	3	0.22	<0.1	7	32	2.08	2.21	0.04	6	0.28	374	5	<0.01	31	0.18	7	<5	19	0.06	30	<5	41
M28	3	15	0.2	<5	149	0.3	2	0.21	<0.1	7	34	1.26	2.14	0.05	7	0.33	222	7	<0.01	27	0.11	6	<5	19	0.05	32	<5	41
M29	1	9	0.6	<5	215	0.8	2	0.25	<0.1	5	23	3.91	2.72	0.04	5	0.09	219	2	<0.01	7	0.61	16	<5	23	0.16	33	<5	42
M30	2	12	0.5	<5	138	0.8	4	0.42	<0.1	6	25	4.31	2.95	0.05	5	0.14	139	2	0.01	11	0.57	12	<5	36	0.16	37	<5	41
M31	3	12	0.4	<5	205	0.9	3	0.43	<0.1	5	25	4.49	3.40	0.05	5	0.15	143	<1	<0.01	10	0.70	13	<5	38	0.16	44	<5	46
M32	3	14	0.3	<5	175	0.5	3	0.14	<0.1	6	25	2.19	2.35	0.05	5	0.23	299	1	<0.01	14	0.27	6	<5	16	0.08	28	<5	49
M32*	2	15	0.2	<5	175	0.5	<2	0.14	<0.1	6	25	2.18	2.36	0.06	5	0.23	301	<1	<0.01	14	0.27	7	<5	16	0.08	28	<5	50
M33	3	25	0.2	<5	234	0.6	<2	0.20	<0.1	11	42	2.10	3.15	0.05	9	0.49	480	5	<0.01	34	0.34	7	<5	22	0.08	48	11	89
M34	3	14	0.4	<5	88	0.7	<2	0.15	<0.1	6	36	3.18	3.22	0.04	5	0.23	124	10	<0.01	27	0.11	7	<5	14	0.12	53	<5	36
M35	3	48	0.4	<5	341	0.9	<2	0.44	<0.1	24	47	4.26	5.43	0.19	9	1.00	775	11	0.01	49	0.15	10	<5	39	0.19	98	<5	101
M36	7	227	1.3	<5	191	0.4	<2	0.45	<0.1	6	34	1.40	2.48	0.07	16	0.25	151	4	0.01	24	0.02	3	<5	32	0.06	44	<5	35
M37	4	17	0.5	<5	149	0.5	<2	0.15	<0.1	9	35	2.19	2.44	0.06	6	0.41	298	4	<0.01	26	0.10	5	<5	18	0.07	34	<5	62
M38	5	25	0.4	<5	129	0.5	<2	0.18	<0.1	9	28	2.33	2.61	0.07	4	0.38	523	<1	<0.01	21	0.24	4	<5	21	0.09	36	<5	70
M39	4	45	0.4	<5	125	0.5	<2	0.25	<0.1	11	29	1.79	3.15	0.12	5	0.68	391	1	<0.01	18	0.12	7	<5	23	0.09	56	<5	73
M40	2	21	0.8	<5	109	0.7	<2	0.16	<0.1	8	29	3.25	2.55	0.06	5	0.23	274	2	<0.01	21	0.21	8	<5	15	0.13	34	<5	59
M41	18	32	0.6	<5	131	0.4	<2	0.14	<0.1	10	29	1.92	2.82	0.05	4	0.43	205	2	<0.01	21	0.11	7	<5	17	0.08	45	<5	69
M42	3	27	0.8	<5	97	0.6	3	0.15	0.1	9	25	1.59	1.95	0.05	6	0.19	283	<1	<0.01	15	0.24	9	<5	15	0.08	32	10	44
M43	4	25	0.5	<5	115	0.8	3	0.19	<0.1	9	27	2.29	2.69	0.05	6	0.32	501	<1	<0.01	13	0.31	10	<5	16	0.07	38	5	79
M44	1	11	1.8	<5	54	0.4	<2	0.10	<0.1	4	20	1.96	1.89	0.04	4	0.07	234	<1	<0.01	4	0.36	12	<5	9	0.11	25	<5	32
M45	12	73	0.5	<5	62	0.4	<2	0.18	<0.1	9	29	1.13	3.11	0.11	5	0.63	280	2	<0.01	14	0.05	10	<5	17	0.08	66	<5	62
M46	2	21	0.7	<5	87	0.7	<2	0.14	<0.1	6	25	1.88	2.56	0.04	5	0.23	119	<1	<0.01	10	0.18	8	<5	12	0.10	42	<5	45
M47	4	18	0.4	<5	72	0.4	<2	0.09	<0.1	6	21	1.63	1.99	0.04	4	0.16	186	3	<0.01	4	0.22	6	<5	10	0.08	32	<5	43
M48	23	1297	3.3	<5	109	1.9	<2	0.79	<0.1	5	28	2.69	2.05	0.03	42	0.15	279	4	0.01	20	0.06	12	<5	45	0.06	36	<5	25
M49	21	59	0.2	<5	52	0.4	<2	0.24	<0.1	9	27	1.07	3.17	0.09	6	0.60	226	2	<0.01	12	0.09	<1	<5	20	0.06	63	<5	41
M50	6	36	0.2	<5	95	0.4	<2	0.20	<0.1	8	26	1.87	3.36	0.18	5	0.66	305	1	<0.01	14	0.25	22	6	18	0.13	59	<5	80
M50*	3	38	0.1	<5	89	0.4	<2	0.19	<0.1	8	26	1.73	3.25	0.17	5	0.62	289	3	<0.01	14	0.24	21	<5	17	0.12	53	<5	75
M51	3	34	0.2	<5	98	0.5	<2	0.20	<0.1	9	27	1.72	3.06	0.20	7	0.64	309	<1	<0.01	13	0.22	22	<5	18	0.12	56	11	78
M52	3	15	0.3	<5	43	0.8	<2	0.07	<0.1	5	26	3.76	2.53	0.03	5	0.15	103	2	<0.01	9	0.26	7	<5	9	0.10	34	<5	54
M53	8	36	0.3	<5	64	0.5	<2	0.18	<0.1	10	29	1.75	3.10	0.12	4	0.45	198	2	<0.01	19	0.06	66	<5	19	0.09	51	<5	66
M54	4	22	0.1	<5	44	0.2	<2	0.16	<0.1	10	29	1.10	3.55	0.09	3	0.58	225	<1	<0.01	9	0.02	1	<5	19	0.19	105	<5	54
M55	13	20	0.1	<5	169	0.5	<2	0.28	<0.1	9	26	1.89	3.35	0.06	5	0.41	195	<1	<0.01	13	0.13	2	<5	36	0.06	49	<5	48
M56	1	16	0.4	<5	97	0.7	<2	0.10	<0.1	10	28	3.73	3.28	0.04	4	0.21	280	<1	<0.01	12	0.43	7	<5	11	0.13	51	<5	88
M57	4	22	0.2	<5	51	0.3	<2	0.21	<0.1	9	25	1.25	2.90	0.17	4	0.67	274	<1	<0.01	9	0.04	2	<5	22	0.11	60	<5	55
M58	5	9	0.2	<5	58	0.3	<2	0.19	<0.1	6	30	1.73	2.61	0.05	4	0.28	142	<1	<0.01	10	0.16	6	<5	14	0.10	40	<5	58
M59	5	27	0.1	<5	76	0.3	<2	0.24	<0.1	8	31	1.78	2.81	0.09	5	0.49	176	<1	<0.01	13	0.02	4	<5	26	0.12	52	<5	48
M59*	18	25	0.1	<5	72	0.3	<2	0.21	<0.1	8	29	1.65	2.64	0.08	5	0.46	163	<1	<0.01	10	0.02	3	<5	24	0.11	48	<5	44
M60	3	39	0.5	<5	78	0.6	<2	0.20	<0.1	8	29	2.37	3.64	0.10	7	0.62	162	1	<0.01	13	0.14	9	<5	19	0.20	75	11	83
M61	4	46	0.4	<5	68	0.4	<2	0.20	<0.1	9	33	1.62	2.93	0.13	6	0.74	344	2	<0.01	15	0.17	8	<5	21	0.09	56	<5	88
M62	1	69	0.8	<5	83	0.8	<2	0.42	<0.1	5	27	1.91	2.23	0.05	7	0.23	281	3	0.01	27	0.04	12	7	36	0.12	28	<5	47
M63	2	30	0.2	<5	75	0.4	<2	0.21	<0.1	8	43	1.50	2.96	0.07	6	0.50	244	<1	<0.01	17	0.13	13	8	21	0.07	54	<5	61
M64	3	28	0.1	<5	59	0.3	<2	0.25	<0.1	8	40	1.43	3.04	0.13	6	0.76	276	<1	<0.01	18	0.14	11	<5	26	0.11	63	<5	72
M65	4	26	0.3	<5	57	0.3	<2	0.17	<0.1	10	30	1.21	2.37	0.11	5	0.42	245	<1	<0.01	19	0.06	23	<5	15	0.10	50	<5	60
M66	5	15	0.1	<5	38	0.2	<2	0.15	<0.1	7	38	0.85	2.44	0.11	4	0.47	204	<1	<0.01	19	0.04	19	<5	16	0.11	63	<5	43
M67	<1	23	0.2	<5	23	0.9	<2	0.11	<0.1	74	395	2.14	4.06	0.92	4	9.59	328	6	<0.01	891	0.05	<1	<5	8	0.01	53	<5	26
M68	<1	18	0.3	<5	27	0.6	<2	0.08	<0.1	75	912	1.47	5.30	0.09	3	8.63	316	<1	<0.01	1033	0.02	<1	<5	9	0.02	51	<5	35
M69	<1	14	0.3	9	30	0.4	<2	0.07	<0.1	56	887	1.27	4.45	0.09	5	7.99	291	<1	<0.01	591	0.02	<1	<5	9	0.02	50	<5	31
M70	14	99	0.2	9	68	0.3	4	1.79	<0.1	16	49	1.10	3.18	0.20	10	0.85	609	<1	0.01	32	0.11	8	<5	50	0.06	53	<5	61
M70	2	13	0.2	<5	61	0.2	2	0.30	<0.1	7	54	1.54	1.91	0.12	3	0.32	90	<1	0.01	35	0.01	9	<5	31	0.11	36	<5	25
M71	<1	9	0.1	<5	40	0.2	<2	0.10	<0.1	5	68	0.33	1.37	0.16	1	0.26	90	<1	<0.01	14	0.01	12	<5	9	0.09	48	<5	26
M71	36	98	0.1	9	68	0.3	4	1.80	<0.1	16	45	1.10	3.17	0.21	10	0.83	615	<1	0.01	28	0.11	7	8	51	0.05	52	<5	62
M71*	<1	9	0.1	<5	37	0.1	<2	0.09	<0.1	5	64	0.32	1.32	0.15	1	0.25	85	<1	<0.01	13	0.01	10	<5	8	0.09	46	<5	25
M72	2	59	0.4	<5	140	1.4	4	0.30	<0.1	43	391	1.80	4.69	0.34	9	2.44	887	1	0.01	513	0.04	118	11	29	0.11	99	7	86
M73	<1	15	0.1	<5	98	0.5	3	0.11	<0.1	37	333	2.33	3.53	0.05	3	1.49	223	2	<0.01	298	0.09	36	6	13	0.10	57	<5	59

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
M74	<1	12	0.1	<5	70	0.5	2	0.10	<0.1	50	307	1.39	3.88	0.03	6	3.30	380	3	<0.01	415	0.03	22	8	11	0.07	52	<5	56
M75	6	18	0.1	<5	56	0.7	5	0.11	<0.1	36	498	1.75	4.94	0.03	5	2.60	282	2	<0.01	329	0.05	50	7	12	0.10	89	<5	70
M76	2	13	0.1	<5	105	0.7	2	0.15	<0.1	77	583	2.03	5.14	0.07	4	4.46	339	3	<0.01	1306	0.04	75	8	13	0.09	76	<5	75
M77	<1	15	0.1	<5	56	0.5	3	0.10	<0.1	33	228	1.90	3.62	0.04	4	1.58	258	1	<0.01	284	0.05	43	10	9	0.11	66	<5	77
M78	<1	16	<0.1	<5	74	0.6	5	0.09	<0.1	37	209	1.88	3.21	0.04	5	1.77	380	2	0.01	473	0.03	44	<5	10	0.10	55	<5	63
M79	4	24	0.1	<5	48	0.5	2	0.09	<0.1	48	472	2.12	4.13	0.05	4	3.46	493	2	0.01	637	0.03	44	8	8	0.11	78	<5	67
M80	<1	18	<0.1	<5	36	0.5	2	0.11	<0.1	32	360	2.05	3.70	0.03	4	2.91	272	2	0.01	293	0.04	64	5	9	0.15	86	<5	78
M80*	1	16	<0.1	<5	34	0.5	5	0.11	<0.1	30	339	1.90	3.67	0.03	4	2.86	255	<1	0.01	277	0.04	64	8	9	0.13	80	<5	75
M81	<1	17	<0.1	<5	75	0.9	<2	0.09	<0.1	82	163	1.59	2.86	0.04	6	2.24	760	3	0.01	468	0.06	54	<5	11	0.07	46	5	68
M82	2	13	<0.1	<5	52	0.5	<2	0.14	<0.1	37	350	1.53	3.27	0.03	6	2.59	250	2	<0.01	425	0.02	24	<5	19	0.09	60	<5	53
M83	1	22	<0.1	<5	43	0.5	<2	0.17	<0.1	37	325	1.84	4.03	0.05	6	2.51	338	3	0.01	417	0.03	32	<5	13	0.14	103	<5	63
M84	3	9	0.1	<5	71	0.6	<2	0.15	<0.1	46	170	1.80	3.31	0.05	5	2.39	365	1	0.01	703	0.03	17	<5	16	0.08	36	<5	56
M85	<1	13	0.1	<5	71	0.4	<2	0.13	<0.1	28	277	1.54	2.94	0.06	5	1.29	234	2	0.01	209	0.11	16	<5	13	0.11	52	<5	53
M86	14	29	0.1	<5	122	0.3	<2	0.28	<0.1	27	342	1.47	3.61	0.08	6	1.99	370	4	0.01	252	0.08	7	<5	17	0.10	69	<5	69
M87	3	43	0.2	<5	93	0.7	<2	0.32	<0.1	31	172	1.92	3.89	0.16	9	1.91	810	4	0.01	559	0.06	16	<5	23	0.12	75	<5	92
M88	2	36	0.1	<5	87	0.3	<2	0.29	<0.1	25	201	1.55	3.62	0.16	8	1.64	562	3	0.01	218	0.06	10	<5	17	0.11	71	<5	94
M89	8	52	0.4	<5	104	0.3	<2	0.33	<0.1	29	193	1.90	3.94	0.13	6	1.80	354	3	0.02	223	0.10	8	<5	21	0.12	87	<5	97
M90	5	59	0.2	7	119	0.6	2	0.35	<0.1	26	180	1.66	3.60	0.19	13	1.56	436	5	0.01	153	0.06	12	<5	22	0.10	79	10	69
M91	9	48	0.4	<5	105	0.3	<2	0.36	<0.1	23	181	1.61	3.32	0.17	8	1.56	406	1	0.01	149	0.06	9	<5	20	0.10	69	<5	70
M23	7	18	0.2	<5	197	0.2	2	0.60	<0.1	6	35	1.06	1.66	0.03	5	0.40	137	<1	<0.01	11	0.01	6	<5	56	0.03	32	<5	32
M24	3	50	0.7	<5	494	0.7	<2	0.37	<0.1	9	41	3.67	2.85	0.05	8	0.28	267	<1	<0.01	32	0.17	13	<5	33	0.09	35	<5	66
M25	7	22	0.2	<5	205	0.3	4	0.19	<0.1	8	41	1.61	2.52	0.03	6	0.59	214	<1	<0.01	20	0.05	8	<5	25	0.04	43	<5	41
M26	6	74	0.4	<5	193	0.4	<2	0.14	<0.1	8	34	1.97	2.47	0.04	5	0.46	181	<1	<0.01	19	0.08	7	<5	18	0.06	37	<5	44
M27	5	21	0.1	<5	169	0.2	3	0.15	<0.1	6	27	1.17	1.98	0.06	4	0.33	266	<1	<0.01	9	0.06	6	6	14	0.04	29	<5	32
M28	5	14	0.1	<5	246	0.2	4	0.19	<0.1	7	31	1.33	2.21	0.06	6	0.51	222	<1	<0.01	17	0.08	6	6	19	0.03	32	<5	46
M28*	5	14	0.1	<5	241	0.2	4	0.18	<0.1	7	31	1.31	2.21	0.05	6	0.50	222	<1	<0.01	18	0.08	7	<5	19	0.03	31	<5	46
M29	7	15	0.2	<5	157	0.4	<2	0.14	<0.1	7	31	1.97	2.42	0.05	5	0.34	184	3	<0.01	17	0.18	7	<5	14	0.07	33	<5	51
M30	2	8	0.1	<5	198	0.5	<2	0.19	<0.1	4	25	2.54	2.21	0.03	3	0.18	190	4	<0.01	9	0.24	8	<5	17	0.09	24	<5	28
M31	5	10	0.2	<5	227	0.5	2	0.20	<0.1	5	26	2.48	2.22	0.04	4	0.24	184	2	<0.01	10	0.19	7	<5	19	0.08	25	<5	32
M32	3	15	0.3	<5	186	0.4	3	0.28	<0.1	7	33	1.94	2.43	0.05	5	0.35	274	<1	<0.01	15	0.15	5	<5	24	0.06	34	<5	47
M33	4	16	0.3	<5	177	0.3	4	0.22	<0.1	7	29	1.73	2.12	0.07	5	0.41	368	3	<0.01	12	0.20	7	<5	22	0.05	28	<5	43
M34	8	19	0.2	<5	168	0.3	5	0.21	<0.1	7	29	1.24	2.08	0.07	4	0.50	217	7	<0.01	14	0.08	8	<5	23	0.05	32	<5	42
M35	6	21	0.4	<5	119	0.3	6	0.21	<0.1	9	33	1.39	2.18	0.07	5	0.51	207	3	<0.01	22	0.07	7	<5	21	0.07	35	<5	64
M36	9	23	0.2	<5	96	0.3	4	0.18	<0.1	8	33	1.35	2.30	0.07	4	0.58	262	6	<0.01	18	0.11	7	<5	20	0.06	34	<5	49
M37	13	28	0.1	<5	71	0.2	4	0.23	<0.1	9	37	1.26	2.76	0.11	5	0.71	283	9	<0.01	25	0.10	4	<5	18	0.06	49	<5	45
M37*	13	30	0.1	<5	74	0.2	5	0.24	<0.1	10	36	1.33	2.91	0.12	5	0.75	299	4	<0.01	17	0.11	4	<5	18	0.07	51	<5	48
M38	5	46	1.2	<5	112	0.7	<2	0.49	<0.1	4	23	2.21	1.73	0.03	10	0.13	131	3	0.01	9	0.05	10	<5	31	0.10	22	12	24
M39	6	144	2.2	<5	172	0.5	<2	0.28	<0.1	7	29	1.81	2.28	0.05	9	0.23	700	9	0.01	24	0.03	11	<5	22	0.09	35	6	36
M40	8	15	0.5	<5	43	0.2	2	0.07	<0.1	3	25	1.02	1.96	0.03	4	0.19	103	3	<0.01	8	0.10	15	6	9	0.06	30	<5	35
M41	4	30	0.5	<5	106	0.5	<2	0.18	<0.1	6	25	1.85	2.33	0.05	5	0.23	110	4	<0.01	12	0.11	14	<5	16	0.10	38	<5	43
M42	6	14	0.4	<5	110	0.2	<2	0.24	<0.1	8	34	1.44	2.52	0.06	4	0.54	207	6	<0.01	16	0.03	7	<5	22	0.08	43	<5	42
M43	12	37	0.5	<5	84	0.4	<2	0.24	<0.1	8	31	1.16	2.62	0.06	5	0.46	203	3	<0.01	18	0.13	7	<5	19	0.05	45	<5	59
M44	3	12	0.6	<5	78	0.4	<2	0.16	<0.1	4	25	1.79	2.58	0.07	3	0.21	167	3	<0.01	7	0.36	11	<5	17	0.15	37	<5	58
M45	3	22	0.5	<5	83	0.6	<2	0.14	<0.1	8	26	1.84	2.39	0.04	4	0.30	241	3	<0.01	11	0.18	8	<5	14	0.08	37	<5	64
M46	4	22	0.6	<5	59	0.4	<2	0.13	<0.1	3	25	1.66	2.56	0.03	4	0.22	123	<1	<0.01	5	0.16	19	<5	15	0.15	43	<5	37
M47	32	41	0.3	<5	82	0.7	<2	0.14	<0.1	9	33	1.38	2.78	0.06	8	0.43	323	4	<0.01	26	0.13	26	<5	14	0.09	59	12	57
M48	45	56	0.7	<5	53	0.4	<2	0.16	<0.1	6	25	0.70	2.24	0.05	6	0.26	156	3	<0.01	15	0.02	22	<5	16	0.06	46	<5	29
M49	2	34	0.5	<5	67	0.4	<2	0.19	<0.1	2	19	0.88	1.25	0.03	9	0.04	25	2	<0.01	8	0.02	8	<5	18	0.07	15	<5	11
M50	4	17	0.6	<5	78	0.4	<2	0.14	<0.1	6	27	1.81	2.61	0.04	5	0.33	140	2	<0.01	6	0.24	5	<5	15	0.08	43	<5	65
M51	4	16	0.4	<5	70	0.4	<2	0.13	<0.1	5	27	1.58	2.86	0.04	4	0.29	130	2	<0.01	3	0.25	3	<5	14	0.07	49	<5	56
M52	1	3	0.3	<5	29	<0.1	<2	0.06	<0.1	<1	17	0.16	0.49	0.02	2	0.03	35	1	<0.01	<1	0.01	3	<5	7	0.04	12	<5	13
M53	1	17	0.3	<5	56	0.5	<2	0.13	<0.1	6	25	2.34	2.62	0.03	4	0.21	220	1	<0.01	5	0.28	9	<5	13	0.10	42	<5	57
M54	1	15	0.4	<5	63	0.5	<2	0.10	<0.1	4	21	1.98	1.98	0.04	4	0.09	76	1	<0.01	1	0.19	9	<5	11	0.09	29	<5	30
M55	1	35	0.3	<5	82	0.3	<2	0.16	<0.1	7	24	1.51	3.95	0.10	5	0.42	161	4	<0.01	10	0.04	7	<5	15	0.22	116	<5	48
M55*	2	37	0.4	<5	87	0.3	3	0.16	<0.1	8	24	1.60	4.01	0.10	6	0.45	170	4	<0.01	9	0.04	6	<5	16	0.23	118	<5	50
M56	4	21	0.2	<5	186	0.5	3	0.44	<0.1	15	48	2.08	3.85	0.04	6	0.69	353	12	<0.01	43	0.03	8	<5	42	0.16	121	11	49
M57	29	68	0.5	<5	120	0.5	<2	0.25	<0.1	7	23	1.92	1.20	0.04	10	0.14	185	<1	0.01	15	0.04	9	<5	23	0.09	22	<5	33
M58	46	36	0.4	<5	93	0.4	3	0.14	<0.1	9	37	1.91	3.88	0.11	5	0.51	193	7	<0.01	24	0.05	8	<5	19	0.18	83	<5	56
M59	14	29	0.6	<5	73	0.5	3	0.10	<0.1	7	36	2.23	2.93	0.04	5	0.39	153	<1	<0.01	14	0.15	9	<5	17	0.10	59	<5	58
M60	1	21	0.6	<5	63	0.8	4	0.11	<0.1	10	32	3.67	3.24	0.04	4	0.35	178	1	<0.01	15	0.24	12	<5	12	0.11	53	<5	94

* Represents re-assayed sample

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
N61	4	40	0.4	<5	69	0.6	<2	0.21	<0.1	11	40	1.83	3.40	0.09	5	0.65	245	<1	<0.01	21	0.13	18	<5	20	0.11	76	<5	78
N62	<1	15	0.6	<5	93	0.7	4	0.15	<0.1	11	29	3.27	3.30	0.06	5	0.25	246	3	<0.01	14	0.42	22	<5	20	0.15	48	<5	75
N63	1	36	0.6	<5	78	0.9	3	0.25	<0.1	11	29	3.41	4.29	0.11	6	0.66	419	3	<0.01	12	0.48	99	<5	20	0.19	92	<5	105
N64	4	22	0.3	<5	61	0.3	2	0.19	<0.1	11	48	1.15	2.62	0.09	5	0.57	313	2	<0.01	30	0.07	17	<5	19	0.09	54	<5	52
N64*	2	22	0.3	<5	62	0.3	<2	0.19	<0.1	10	47	1.12	2.64	0.09	5	0.57	320	3	<0.01	29	0.06	16	<5	19	0.09	55	<5	52
N65	3	27	0.3	<5	41	0.5	6	0.18	<0.1	39	576	1.17	4.17	0.08	6	1.88	241	1	<0.01	264	0.03	22	<5	13	0.06	63	8	36
N66	<1	18	0.4	<5	20	0.3	3	0.07	<0.1	42	722	1.22	5.57	0.06	3	3.08	309	2	<0.01	427	0.02	9	<5	5	0.04	85	<5	32
N67	<1	19	0.3	<5	22	0.4	<2	0.06	<0.1	49	741	1.32	5.82	0.06	3	3.21	341	2	<0.01	465	0.03	11	<5	5	0.05	87	<5	34
N68	14	101	0.2	6	72	0.3	2	1.84	<0.1	16	50	1.16	3.24	0.20	10	0.86	624	<1	0.01	32	0.11	7	<5	53	0.07	55	<5	62
N68	1	17	0.4	<5	92	0.3	<2	0.07	<0.1	7	51	0.90	2.13	0.06	4	0.26	264	1	<0.01	21	0.05	12	<5	12	0.14	43	<5	57
N69	1	13	0.1	<5	51	0.4	<2	0.06	<0.1	89	912	1.81	8.45	0.06	3	7.28	321	<1	<0.01	764	0.03	<1	<5	5	0.03	94	<5	40
N70	1	18	0.6	<5	68	0.3	2	0.17	<0.1	30	341	1.02	2.93	0.14	4	1.48	387	1	<0.01	201	0.03	25	<5	15	0.07	49	<5	39
N71	1	17	0.9	<5	75	0.4	4	0.23	<0.1	30	263	1.60	3.39	0.10	5	1.27	385	<1	<0.01	139	0.09	30	<5	22	0.10	68	<5	57
N72	1	12	0.1	<5	65	0.3	3	0.18	<0.1	25	332	1.44	3.36	0.12	4	1.61	188	1	<0.01	194	0.02	22	<5	17	0.10	62	<5	45
N73	1	11	<0.1	<5	65	0.4	<2	0.13	<0.1	39	487	1.45	4.13	0.07	4	2.48	199	2	<0.01	342	0.02	25	<5	15	0.09	70	<5	48
N74	6	12	<0.1	<5	146	0.5	<2	0.09	<0.1	49	259	1.92	3.85	0.03	5	2.10	175	2	<0.01	553	0.06	25	<5	15	0.09	52	<5	58
N74*	3	12	<0.1	<5	141	0.5	<2	0.09	<0.1	49	250	1.86	3.78	0.03	4	2.03	170	2	<0.01	554	0.06	24	<5	14	0.09	50	<5	57
N75	<1	14	0.2	<5	89	0.6	7	0.11	<0.1	46	479	1.52	4.41	0.03	6	2.77	217	<1	<0.01	524	0.02	30	<5	11	0.07	66	<5	59
N76	<1	10	0.1	<5	80	0.5	6	0.09	<0.1	46	193	1.67	3.38	0.03	5	1.98	307	2	0.01	449	0.03	34	5	10	0.08	46	<5	69
N77	7	30	0.1	<5	103	1.1	9	0.15	<0.1	33	136	1.99	3.27	0.07	9	1.88	1413	<1	0.02	605	0.06	42	16	14	0.11	79	<5	126
N78	6	19	0.1	<5	99	0.5	7	0.08	<0.1	47	258	1.72	3.29	0.03	8	3.13	275	2	0.01	617	0.05	27	10	10	0.09	55	<5	74
N79	1	12	0.1	<5	132	0.6	7	0.06	<0.1	57	107	1.81	3.22	0.03	7	3.41	422	2	0.01	669	0.06	21	7	10	0.07	32	<5	76
N80	<1	8	<0.1	<5	66	0.3	7	0.07	<0.1	13	105	0.86	3.01	0.02	6	0.65	102	<1	<0.01	125	0.07	18	7	7	0.15	44	<5	50
N81	<1	9	0.1	<5	50	0.3	4	0.06	<0.1	42	145	1.35	2.77	0.02	6	3.78	274	<1	<0.01	594	0.03	14	6	7	0.07	34	<5	77
N82	<1	10	0.1	5	53	0.3	4	0.07	<0.1	72	105	1.33	3.90	0.03	5	5.29	543	<1	<0.01	899	0.04	11	7	9	0.06	32	<5	54
N83	1	10	<0.1	<5	48	0.3	6	0.09	<0.1	23	242	0.90	2.77	0.03	5	1.41	184	2	<0.01	238	0.02	32	11	8	0.07	42	<5	50
N83*	1	10	<0.1	<5	49	0.3	7	0.09	<0.1	23	249	0.91	2.81	0.03	5	1.42	182	1	<0.01	241	0.02	33	11	8	0.07	43	<5	48
N84	1	16	<0.1	<5	67	0.4	<2	0.07	<0.1	51	177	1.28	3.28	0.04	5	3.42	593	4	<0.01	721	0.03	24	<5	10	0.05	35	<5	83
N85	2	29	<0.1	<5	25	0.4	4	0.14	<0.1	29	323	1.30	3.47	0.04	6	2.24	269	3	<0.01	336	0.03	28	6	12	0.09	64	<5	55
N86	<1	31	0.1	<5	121	1.2	4	0.14	<0.1	30	160	2.35	3.70	0.07	8	1.86	1103	3	0.01	736	0.05	53	<5	18	0.08	55	<5	81
N87	8	16	0.1	<5	60	0.3	2	0.11	<0.1	38	127	1.45	3.71	0.03	6	2.57	276	3	<0.01	388	0.04	8	<5	10	0.08	44	<5	65
N88	<1	8	<0.1	<5	50	0.4	5	0.05	<0.1	43	68	1.06	3.08	0.03	6	1.14	320	4	<0.01	224	0.03	14	7	9	0.09	42	<5	41
N89	<1	6	<0.1	<5	48	0.3	5	0.05	<0.1	40	72	1.05	3.03	0.03	5	1.16	282	4	<0.01	206	0.03	14	<5	8	0.09	41	<5	40
*O22	9																											
O22	215	87	0.3	7	66	0.3	<2	1.76	<0.1	15	41	1.05	3.10	0.20	8	0.80	197	4	0.01	34	0.11	5	<5	47	0.06	50	<5	60
O23	8	17	0.3	5	107	0.5	<2	0.19	<0.1	10	38	1.66	2.32	0.03	7	0.40	263	11	<0.01	52	0.11	8	<5	18	0.04	36	<5	51
O24	6	23	0.4	<5	198	0.4	<2	0.33	<0.1	6	36	1.29	2.03	0.03	6	0.35	277	10	<0.01	41	0.03	6	<5	30	0.03	31	<5	31
O25	4	50	0.3	5	511	0.7	<2	0.58	<0.1	7	39	1.89	2.61	0.03	12	0.25	2287	14	0.01	42	0.04	9	<5	49	0.04	42	<5	27
O26	12	44	0.1	<5	452	0.6	<2	0.16	<0.1	5	35	2.34	2.51	0.02	12	0.12	337	7	<0.01	23	0.02	11	<5	16	0.06	34	<5	16
O27	8	17	0.2	<5	191	0.3	2	0.14	<0.1	6	34	1.30	1.22	1.03	4	0.37	192	9	<0.01	30	0.03	6	<5	16	0.04	32	<5	34
O28	8	14	0.3	<5	122	0.2	<2	0.14	<0.1	5	29	0.96	1.93	0.04	3	0.35	222	7	<0.01	23	0.08	5	<5	14	0.02	26	<5	28
O29	6	16	0.3	<5	175	0.2	<2	0.17	<0.1	6	26	1.19	1.98	0.06	3	0.40	172	7	<0.01	22	0.05	9	<5	16	0.04	26	<5	39
O30	5	9	0.3	<5	177	0.2	<2	0.16	<0.1	5	25	1.30	1.91	0.05	2	0.25	284	4	<0.01	18	0.12	11	<5	16	0.04	25	<5	24
O30*	3	10	0.3	<5	192	0.3	<2	0.19	<0.1	5	26	1.35	2.06	0.05	2	0.27	291	3	<0.01	19	0.13	13	<5	17	0.04	27	<5	26
O31	5	21	0.3	10	202	0.8	<2	0.18	0.3	10	30	1.38	1.92	0.04	13	0.26	330	6	<0.01	25	0.12	14	<5	22	0.05	37	13	32
O32	3	36	0.2	<5	162	0.7	<2	0.14	<0.1	9	29	2.01	2.38	0.04	9	0.29	151	4	<0.01	28	0.11	9	<5	16	0.06	38	<5	33
O33	11	17	0.2	<5	187	0.4	<2	0.14	<0.1	7	30	1.47	2.06	0.04	6	0.45	182	5	<0.01	26	0.07	8	<5	17	0.04	32	<5	38
O34	5	14	0.4	<5	157	0.7	<2	0.34	<0.1	6	22	2.90	1.34	0.05	4	0.19	167	2	<0.01	24	0.18	17	<5	24	0.10	31	<5	29
O35	6	14	0.2	<5	141	0.4	<2	0.20	<0.1	6	28	1.46	2.18	0.05	5	0.41	198	3	<0.01	21	0.12	10	<5	17	0.04	32	<5	50
O36	5	17	0.5	<5	130	0.4	<2	0.15	<0.1	7	32	1.98	2.34	0.04	4	0.37	151	5	<0.01	30	0.14	11	<5	14	0.06	35	<5	32
O37	10	12	0.3	<5	108	0.3	<2	0.13	<0.1	7	24	1.45	1.99	0.05	4	0.30	135	3	<0.01	24	0.11	10	<5	14	0.06	30	<5	29
O38	6	11	0.3	<5	85	0.3	<2	0.10	<0.1	6	32	1.37	1.95	0.04	3	0.32	172	5	<0.01	29	0.08	9	<5	13	0.04	31	<5	29
O39	8	16	0.4	<5	97	0.4	<2	0.12	<0.1	7	31	1.70	2.16	0.05	4	0.34	152	5	<0.01	26	0.10	11	<5	11	0.05	35	<5	38
O39*	4	18	0.3	<5	108	0.5	3	0.13	<0.1	7	33	1.89	2.37	0.05	4	0.37	165	4	<0.01	26	0.12	10	<5	12	0.06	38	<5	42
O40	82	23	0.2	<5	78	0.7	<2	0.16	0.3	9	28	1.65	1.75	0.05	13	0.26	199	8	<0.01	24	0.06	10	6	18	0.05	39	12	39
O41	7	39	0.3	<5	76	0.3	<2	0.12	<0.1	7	25	1.30	1.83	0.05	4	0.31	190	4	<0.01	19	0.10	10	<5	12	0.06	29	<5	52
O42	5	43	0.7	<5	135	0.5	<2	0.13	<0.1	10	28	2.25	2.40	0.06	5	0.33	214	6	<0.01	36	0.17	15	<5	12	0.10	39	<5	55
O43	15	26	0.3	<5	66	0.3	<2	0.14	<0.1	7	27	1.37	1.97	0.26	4	0.43	205	7	<0.01	31	0.10	9	<5	13	0.06	34	<5	41
O44	5	21	0.3	<5	76	0.3	<2	0.12	<0.1	7	24	1.41	1.98	0.04	3	0.33	193	5	<0.01	24	0.19	11	<5	12	0.06	28	<5	69
O45	4	17	0.2	<5	107	0.5	<2	0.12	<0.1	8	23	1.99	1.87	0.05	3	0.23	181	3	<0.01	24	0.18	11	<5	10	0.09	26	<5	66

* Represents re-assayed sample

SAMP	AG	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
O46	13	12	0.2	<5	174	0.4	<2	0.26	<0.1	6	24	0.98	1.74	0.11	4	0.29	470	11	<0.01	25	0.06	9	<5	17	0.06	31	<5	71
O47	16	15	0.1	<5	122	0.3	<2	0.16	<0.1	6	37	0.84	1.74	0.09	3	0.31	260	5	<0.01	25	0.09	10	<5	13	0.04	29	<5	51
O48	5	13	0.1	<5	110	0.3	<2	0.10	<0.1	5	19	1.08	1.58	0.04	2	0.12	198	4	<0.01	18	0.18	10	<5	8	0.07	26	<5	47
O48*	9	14	0.1	<5	114	0.3	<2	0.10	<0.1	5	19	1.14	1.58	0.04	2	0.12	199	4	<0.01	21	0.19	13	<5	8	0.07	25	<5	48
O49	18	37	0.2	9	125	0.9	4	0.17	0.3	15	55	1.41	2.74	0.06	16	0.55	194	6	<0.01	47	0.03	14	8	20	0.07	61	13	53
O50	7	25	0.3	5	96	0.5	<2	0.17	<0.1	12	92	1.41	2.28	0.07	8	0.49	220	5	<0.01	72	0.08	14	<5	13	0.07	42	<5	51
O51	16	20	0.2	<5	86	0.4	<2	0.16	<0.1	11	87	1.32	2.08	0.07	5	0.46	207	2	<0.01	70	0.07	12	<5	12	0.07	36	<5	49
O52	6	15	0.3	<5	79	0.4	<2	0.15	<0.1	8	23	1.49	1.60	0.05	3	0.24	331	4	<0.01	21	0.22	9	<5	11	0.06	27	<5	101
O53	3	12	0.3	<5	133	0.5	2	0.12	<0.1	6	22	2.03	1.44	0.03	4	0.15	228	3	<0.01	23	0.39	11	<5	10	0.07	20	<5	72
O54	3	15	0.1	<5	78	0.4	<2	0.08	<0.1	6	23	1.81	1.98	0.04	3	0.21	148	7	<0.01	22	0.25	12	<5	7	0.08	33	<5	50
O55	18	12	0.2	<5	51	0.6	<2	0.17	<0.1	5	23	2.51	2.34	0.04	3	0.14	111	4	<0.01	15	0.24	14	<5	15	0.09	41	<5	41
O56	18	17	0.5	<5	53	0.4	<2	0.09	<0.1	5	23	1.67	2.41	0.04	3	0.20	107	3	<0.01	15	0.22	13	<5	9	0.08	34	<5	45
O57	7	11	0.1	<5	65	0.4	2	0.17	<0.1	6	24	1.92	1.85	0.04	3	0.19	93	3	<0.01	17	0.19	16	<5	15	0.08	27	<5	57
O58	4	54	0.2	<5	107	0.6	3	0.15	<0.1	12	75	1.49	2.73	0.05	6	0.82	211	9	<0.01	71	0.09	14	<5	27	0.06	60	<5	58
O59	<1	15	0.2	<5	63	0.6	<2	0.08	<0.1	6	25	2.67	2.43	0.03	4	0.14	296	2	<0.01	15	0.20	16	<5	9	0.10	43	<5	45
O60	<1	16	0.2	<5	55	0.7	2	0.09	<0.1	6	22	3.52	2.34	0.03	6	0.10	74	<1	<0.01	12	0.30	18	<5	9	0.12	36	<5	29
O61	<1	25	0.3	<5	65	1.1	3	0.13	<0.1	13	20	4.50	2.36	0.03	5	0.09	374	<1	<0.01	12	0.34	23	<5	12	0.12	33	<5	50
O62	<1	17	0.1	<5	50	0.9	4	0.05	<0.1	7	22	5.03	2.93	0.02	4	0.08	212	2	<0.01	14	0.38	27	<5	7	0.15	45	<5	38
O63	<1	17	0.6	<5	81	0.7	2	0.09	<0.1	5	26	3.42	2.00	0.02	4	0.14	135	1	<0.01	19	0.21	17	<5	10	0.09	29	<5	45
O64	<1	26	0.1	<5	54	0.2	<2	0.15	<0.1	3	23	0.96	2.30	0.03	4	0.13	51	<1	<0.01	13	0.03	13	<5	18	0.11	53	<5	19
O65	1	21	0.5	<5	58	0.5	2	0.08	<0.1	8	33	1.89	2.46	0.04	4	0.30	149	<1	<0.01	22	0.11	12	<5	10	0.07	41	<5	39
O66	2	20	0.6	<5	76	0.5	3	0.15	<0.1	8	38	2.31	3.26	0.06	5	0.55	242	4	<0.01	25	0.20	16	<5	13	0.10	65	<5	85
O66*	2	20	0.6	<5	78	0.6	2	0.15	<0.1	9	39	2.35	3.29	0.06	5	0.56	248	<1	<0.01	25	0.20	15	<5	13	0.10	65	<5	88
O67	<1	60	0.2	13	111	1.1	5	0.13	0.5	17	57	1.45	2.43	0.07	18	0.65	275	7	<0.01	39	0.09	19	6	27	0.08	68	13	114
O68	2	35	1.1	9	124	1.1	2	0.21	0.3	14	39	2.23	2.58	0.06	13	0.47	305	4	<0.01	61	0.11	45	5	19	0.10	55	6	79
O69	1	25	0.1	8	72	0.5	<2	0.13	<0.1	45	275	1.43	3.31	0.17	5	2.59	294	6	<0.01	531	0.04	24	<5	14	0.06	50	<5	49
O70	<1	28	0.1	<5	71	0.3	3	0.17	<0.1	21	322	2.49	2.93	0.07	3	2.44	241	4	<0.01	197	0.07	22	<5	12	0.14	50	<5	55
O71	<1	25	<0.1	<5	128	0.4	<2	0.35	<0.1	27	291	2.34	3.68	0.75	3	3.19	298	6	<0.01	221	0.03	25	<5	25	0.13	87	<5	50
O72	1	25	0.4	<5	125	0.4	<2	0.33	<0.1	28	290	2.24	3.65	0.66	4	3.00	311	8	<0.01	221	0.04	29	<5	24	0.13	86	<5	49
O73	8	91	0.1	11	70	0.3	3	1.76	<0.1	16	43	1.08	3.13	0.21	9	0.84	599	6	0.01	30	0.11	8	<5	48	0.06	52	<5	61
O73	<1	16	<0.1	<5	106	0.2	2	0.14	<0.1	22	252	1.30	2.96	0.08	5	1.86	336	3	<0.01	215	0.03	10	6	18	0.08	47	<5	46
O74	<1	16	<0.1	<5	72	0.2	<2	0.24	<0.1	37	609	1.96	4.37	0.17	4	1.39	267	4	<0.01	542	0.03	7	<5	18	0.06	49	<5	35
O75	<1	12	0.1	<5	97	0.4	4	0.22	<0.1	23	237	1.43	2.75	0.04	5	1.09	113	2	<0.01	436	0.04	11	<5	34	0.05	20	<5	21
O76	<1	23	0.3	<5	77	0.6	4	0.22	<0.1	12	63	1.00	1.31	0.04	5	1.36	58	<1	0.01	706	0.02	16	<5	30	0.05	16	6	31
O77	<1	19	0.1	<5	63	0.4	3	0.20	<0.1	57	708	1.62	4.89	0.17	5	3.24	222	2	<0.01	526	0.02	9	<5	16	0.06	60	<5	40
O78	<1	10	0.2	<5	73	0.3	<2	0.16	<0.1	12	150	0.47	2.08	0.12	7	1.41	199	3	<0.01	99	0.02	8	<5	15	0.08	37	<5	37
O79	1	19	0.1	<5	63	0.8	<2	0.10	<0.1	71	523	1.44	5.05	0.03	6	4.80	267	<1	<0.01	835	0.04	39	<5	11	0.06	69	<5	56
O81	1	10	0.1	<5	88	0.3	<2	0.07	<0.1	32	78	0.98	2.83	0.03	6	2.47	776	3	<0.01	404	0.04	8	<5	9	0.07	29	<5	59
O82	<1	12	0.1	<5	85	0.5	<2	0.08	<0.1	34	217	1.38	3.36	0.03	6	1.33	147	1	<0.01	431	0.05	28	<5	10	0.09	51	<5	74
O83	1	20	0.1	<5	62	0.6	<2	0.15	<0.1	57	295	1.62	3.83	0.06	6	4.67	465	4	<0.01	852	0.05	25	<5	12	0.08	60	<5	63
O84	<1	4	0.1	<5	48	0.2	3	0.06	<0.1	15	60	0.65	1.46	0.04	4	0.70	130	1	0.01	247	0.02	6	<5	6	0.04	15	<5	34
O85	<1	26	0.4	<5	152	1.2	3	0.13	<0.1	30	158	2.33	3.30	0.07	7	1.79	932	<1	0.02	1465	0.04	54	<5	18	0.08	30	<5	60
O85*	1	25	0.4	<5	148	1.2	4	0.13	<0.1	31	154	2.28	3.25	0.07	7	1.75	924	1	0.02	1462	0.04	55	<5	18	0.08	29	<5	57
O86	<1	10	<0.1	<5	150	0.5	3	0.07	<0.1	34	112	1.95	2.24	0.04	7	1.37	107	1	0.02	716	0.03	23	<5	17	0.07	23	6	36
O87	1	12	<0.1	<5	122	0.6	3	0.07	<0.1	36	202	2.07	2.87	0.04	5	1.46	311	<1	<0.01	1352	0.03	55	<5	12	0.07	37	<5	75
O88	1	7	0.2	<5	56	0.4	2	0.08	<0.1	25	148	1.11	2.26	0.03	8	1.60	129	<1	<0.01	432	0.02	20	<5	12	0.06	30	<5	98
O89	3	15	0.3	<5	20	0.3	<2	0.09	<0.1	24	387	0.94	3.24	0.04	7	1.62	169	<1	<0.01	260	0.03	10	<5	8	0.07	57	<5	44
O90	<1	5	0.2	<5	25	0.2	<2	0.03	<0.1	14	176	0.44	1.55	0.03	5	0.85	91	<1	<0.01	125	0.02	2	<5	6	0.04	23	<5	26
O91	<1	16	<0.1	<5	89	0.3	<2	0.21	<0.1	26	153	1.58	3.33	0.13	8	1.52	286	<1	<0.01	231	0.10	13	<5	15	0.10	54	<5	76
O92	<1	14	<0.1	<5	109	0.4	2	0.23	<0.1	25	124	1.91	3.65	0.19	8	1.47	300	<1	<0.01	182	0.13	15	<5	17	0.13	59	<5	93
P21	14	93	0.2	10	70	0.3	3	1.77	<0.1	16	41	1.07	3.08	0.21	9	0.82	595	<1	0.01	29	0.10	8	<5	49	0.06	51	<5	65
P22	<1	10	0.4	<5	67	0.4	<2	0.13	<0.1	6	33	2.70	2.24	0.04	3	0.16	258	4	<0.01	21	0.24	12	6	9	0.09	33	<5	18
P22*	<1	8	0.3	<5	67	0.4	<2	0.08	<0.1	5	27	2.79	2.19	0.03	3	1.08	247	4	<0.01	15	0.25	15	<5	7	0.09	32	<5	16
P23	<1	27	0.1	17	152	1.1	5	0.12	0.8	13	35	1.01	1.36	0.04	20	0.04	268	4	<0.01	31	0.10	12	11	20	0.03	37	15	32
P24	3	13	0.3	<5	129	0.6	2	0.11	<0.1	6	31	1.52	1.93	0.04	6	0.19	103	2	<0.01	28	0.14	10	<5	13	0.05	30	<5	25
P25	1	9	0.2	<5	105	0.4	2	0.11	<0.1	5	28	1.73	1.57	0.03	3	0.19	91	3	<0.01	26	0.15	8	<5	12	0.05	22	<5	24
P26	1	9	0.1	<5	122	0.3	<2	0.10	<0.1	6	33	1.36	2.06	0.04	2	0.29	134	5	<0.01	29	0.10	6	<5	13	0.03	33	<5	29
P27	7	11	0.5	<5	192	0.3	2	0.27	<0.1	4	27	1.45	1.37	0.04	1	0.27	148	4	<0.01	24	0.05	7	<5	22	0.06	20	<5	30
P28	20	7	0.3	<5	107	0.3	2	0.14	<0.1	7	27	1.12	1.58	0.04	1	0.16	314	3	<0.01	19	0.08	3	<5	12	0.03	25	<5	23
P29	1	6	0.2	<5	100	0.2	2	0.08	<0.1	2	23	0.90	1.43	0.03	1	0.13	73	1	<0.01	13	0.16	8	<5	9	0.04	21	<5	18

* Represents re-assayed sample

Golden Loon Project Soil Geochemistry, January 5, 1993

SAMP	AG	CD	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
P30	13	12	0.1	<5	97	0.4	<2	0.11	<0.1	5	32	1.87	2.33	0.04	2	0.26	143	2	<0.01	18	0.14	8	<5	12	0.05	37	<5	27
P31	5	9	0.1	<5	120	0.3	3	0.12	<0.1	4	28	1.24	1.63	0.03	2	0.21	113	2	<0.01	24	0.10	8	<5	18	0.04	24	<5	27
P32	3	18	<0.1	10	112	0.7	2	0.12	0.4	9	30	1.13	1.65	0.03	12	0.18	134	5	<0.01	25	0.09	11	<5	21	0.04	34	9	30
P33	2	12	0.3	<5	109	0.6	3	0.11	<0.1	6	32	1.83	2.21	0.03	7	0.22	134	7	<0.01	29	0.20	16	5	25	0.06	38	<5	35
P34	1	10	0.2	<5	150	0.4	5	0.13	<0.1	6	34	1.66	2.18	0.03	5	0.28	111	4	<0.01	29	0.11	13	<5	13	0.03	32	<5	30
P35	14	15	0.4	<5	151	0.3	<2	0.14	<0.1	6	33	1.21	1.97	0.04	4	0.36	199	4	<0.01	27	0.08	9	<5	14	0.03	32	<5	30
P36	3	13	0.4	<5	110	0.3	4	0.11	<0.1	5	27	1.53	1.81	0.04	3	0.26	149	3	<0.01	23	0.09	27	<5	12	0.04	30	<5	25
P37	8	18	0.3	<5	215	0.3	2	0.16	<0.1	8	31	1.42	2.17	0.06	4	0.38	245	2	<0.01	33	0.07	20	<5	16	0.06	31	<5	46
P38	12	22	0.3	<5	216	0.2	4	0.21	<0.1	7	32	1.20	1.89	0.05	4	0.48	265	2	<0.01	24	0.05	12	<5	23	0.03	33	<5	36
P39	2	12	0.3	<5	106	0.5	4	0.18	<0.1	6	35	1.97	2.17	0.04	4	0.33	114	8	<0.01	24	0.12	14	<5	20	0.06	34	<5	30
P40	11	15	0.3	<5	118	0.2	2	0.18	<0.1	7	39	0.98	2.10	0.05	5	0.56	169	5	<0.01	22	0.04	9	6	22	0.04	35	<5	32
P40*	9	15	0.3	<5	123	0.2	3	0.18	<0.1	7	38	0.97	2.18	0.05	5	0.59	177	4	<0.01	17	0.04	8	7	23	0.05	37	<5	34
P41	17	30	0.1	9	120	0.5	<2	0.23	<0.1	11	46	1.06	2.47	0.05	11	0.57	224	<1	<0.01	24	0.13	9	<5	24	0.04	47	11	42
P42	9	49	0.5	10	239	0.6	2	0.33	0.2	11	46	1.86	2.75	0.06	9	0.34	156	10	<0.01	69	0.04	16	<5	32	0.08	50	<5	62
P43	9	15	0.3	<5	96	0.3	<2	0.15	<0.1	8	40	1.22	2.10	0.04	4	0.42	140	<1	<0.01	25	0.09	8	<5	15	0.04	34	<5	38
P44	<1	22	0.7	<5	125	0.7	3	0.42	<0.1	6	21	2.96	2.20	0.05	4	0.12	141	3	<0.01	16	0.35	19	<5	28	0.12	27	<5	33
P45	1	25	1.0	<5	80	0.6	2	0.15	<0.1	9	25	2.22	2.04	0.06	3	0.22	255	4	<0.01	15	0.21	17	<5	12	0.10	29	<5	48
P46	2	19	0.5	<5	72	0.5	2	0.10	<0.1	7	22	1.69	1.97	0.05	3	0.25	164	2	<0.01	16	0.14	14	<5	10	0.07	31	<5	46
P47	2	12	0.8	<5	48	0.4	4	0.08	<0.1	6	18	1.96	1.37	0.04	2	0.05	258	2	<0.01	15	0.29	15	<5	7	0.07	18	<5	29
P48	3	16	0.4	<5	93	0.3	3	0.20	0.1	6	23	0.75	1.59	0.07	2	0.27	759	7	<0.01	13	0.09	11	<5	15	0.05	34	<5	55
P49	4	19	0.5	<5	133	0.5	3	0.29	<0.1	7	31	1.75	2.21	0.07	4	0.50	199	<1	<0.01	19	0.16	15	<5	16	0.08	39	<5	82
P49*	2	18	0.5	<5	128	0.5	2	0.18	<0.1	7	32	1.65	2.02	0.07	4	0.48	188	5	<0.01	21	0.15	15	<5	15	0.08	37	<5	78
P50	3	29	0.2	8	113	0.9	<2	0.18	0.4	12	31	1.57	2.09	0.06	13	0.48	288	3	<0.01	24	0.09	13	<5	24	0.08	51	10	58
P51	1	17	0.2	<5	90	0.5	<2	0.17	<0.1	7	25	1.57	1.86	0.05	6	0.36	204	2	<0.01	20	0.10	11	<5	18	0.07	38	<5	48
P52	2	21	0.4	<5	114	0.5	<2	0.15	<0.1	7	24	1.34	1.83	0.05	4	0.32	350	3	<0.01	17	0.15	12	<5	16	0.07	35	<5	63
P53	2	23	0.6	<5	76	0.3	<2	0.11	<0.1	4	19	1.38	1.96	0.05	3	0.21	273	3	<0.01	10	0.18	12	<5	13	0.09	32	<5	79
P54	1	6	0.3	<5	24	<0.1	<2	0.09	<0.1	2	11	0.28	0.82	0.05	3	0.09	60	5	<0.01	3	0.01	5	<5	8	0.05	20	<5	18
P55	<1	10	0.3	<5	50	0.2	<2	0.09	<0.1	3	21	1.85	1.43	0.04	2	0.14	140	4	<0.01	16	0.09	11	<5	9	0.05	27	<5	30
P56	<1	24	0.5	<5	83	0.6	2	0.09	<0.1	5	19	2.64	2.11	0.03	3	0.12	330	1	<0.01	11	0.41	16	<5	10	0.09	29	<5	52
P57	3	32	0.8	<5	75	0.6	2	0.08	<0.1	8	33	2.13	2.39	0.05	3	0.32	204	6	<0.01	34	0.15	16	<5	9	0.08	42	<5	63
P58	<1	11	0.2	<5	39	0.2	2	0.07	<0.1	3	14	0.94	1.44	0.04	2	0.16	231	3	<0.01	14	0.08	7	<5	6	0.06	29	<5	34
P59	3	36	0.6	13	70	1.3	<2	0.07	0.3	12	31	3.30	1.69	0.03	15	0.16	223	4	<0.01	23	0.31	27	<5	16	0.12	56	11	54
P60	4	25	0.4	9	83	0.5	<2	0.12	<0.1	8	42	1.49	1.42	0.04	6	0.46	212	4	<0.01	29	0.10	11	<5	14	0.07	46	<5	51
P61	4	27	0.3	<5	66	0.5	<2	0.12	<0.1	9	37	1.47	1.69	0.04	5	0.42	199	5	<0.01	36	0.12	14	<5	15	0.07	54	<5	50
P62	35	90	0.2	13	68	0.3	<2	0.76	<0.1	14	39	1.07	3.06	0.19	9	0.81	572	2	0.01	26	0.10	7	6	48	0.06	52	<5	56
P63	4	73	1.4	<5	79	1.9	2	0.27	<0.1	7	20	1.78	1.69	0.05	16	0.22	63	1	0.01	52	0.02	27	<5	20	0.12	33	<5	35
P64	5	30	0.5	<5	94	0.6	<2	0.27	<0.1	11	45	1.61	3.22	0.12	8	0.74	220	1	<0.01	33	0.11	16	<5	21	0.09	77	<5	65
P64*	4	32	0.6	<5	100	0.6	<2	0.18	<0.1	11	48	1.47	3.33	0.13	7	0.76	228	<1	<0.01	31	0.11	13	<5	21	0.09	79	<5	67
P65	5	24	<0.1	<5	62	0.2	2	0.08	<0.1	35	172	1.12	9.35	0.20	<1	1.56	264	1	<0.01	269	0.01	16	<5	14	0.10	69	<5	38
P66	<1	12	<0.1	<5	93	0.1	<2	0.15	<0.1	44	274	1.60	8.56	0.09	1	1.77	212	<1	<0.01	435	0.01	10	<5	22	0.10	56	<5	41
P67	<1	9	0.1	<5	103	0.3	4	0.12	<0.1	37	571	1.01	6.83	0.07	<1	1.82	324	<1	<0.01	321	0.02	8	<5	11	0.08	70	<5	42
P68	<1	4	<0.1	<5	126	<0.1	<2	0.09	<0.1	21	122	1.65	1.61	0.06	<1	0.51	141	<1	0.01	441	0.02	1	<5	15	0.05	13	<5	26
P69	<1	10	<0.1	<5	85	0.3	3	0.14	<0.1	39	604	1.82	4.30	0.08	2	1.64	351	<1	<0.01	277	0.02	11	<5	14	0.08	68	<5	35
P70	<1	12	<0.1	<5	33	0.3	<2	0.13	<0.1	53	967	1.42	5.69	0.07	1	6.36	353	<1	<0.01	640	0.04	<1	<5	10	0.04	72	<5	41
P71	<1	11	<0.1	<5	59	0.3	4	0.10	<0.1	48	550	1.06	4.26	0.03	3	2.57	354	<1	<0.01	539	0.02	2	<5	10	0.04	45	<5	33
P72	1	10	<0.1	<5	76	0.2	<2	0.08	<0.1	37	426	1.43	3.11	0.05	2	1.87	170	<1	<0.01	626	0.02	4	<5	10	0.07	35	<5	49
P73	1	6	<0.1	<5	50	0.2	<2	0.11	<0.1	29	277	1.44	3.17	0.07	<1	1.69	141	<1	<0.01	354	0.02	10	<5	11	0.06	33	<5	33
P74	1	14	<0.1	<5	69	0.5	<2	0.09	<0.1	35	126	1.82	2.84	0.03	7	1.76	130	3	0.01	563	0.03	28	<5	18	0.06	29	9	34
P75	1	10	<0.1	<5	61	0.4	<2	0.12	<0.1	47	202	1.42	3.10	0.04	4	2.35	169	2	<0.01	648	0.04	14	<5	14	0.06	33	<5	47
P76	1	12	<0.1	<5	62	0.5	<2	0.09	<0.1	37	201	1.63	2.70	0.04	4	2.48	179	3	<0.01	580	0.02	30	<5	10	0.05	35	<5	45
P77	<1	10	<0.1	<5	146	0.3	<2	0.07	<0.1	23	115	1.91	2.07	0.04	3	1.30	136	2	0.02	663	0.02	12	<5	12	0.08	25	<5	37
P78	<1	8	<0.1	<5	51	0.6	<2	0.04	<0.1	53	207	1.44	2.40	0.03	4	1.34	106	2	<0.01	619	0.03	162	<5	6	0.05	27	<5	46
P79	1	4	0.1	<5	23	<0.1	<2	0.03	<0.1	5	51	0.25	0.71	0.02	3	0.33	43	<1	<0.01	61	0.01	6	<5	5	0.02	11	<5	24
WA1	5	17	0.2	5	109	0.4	3	0.17	<0.1	7	38	1.66	2.11	0.06	4	0.37	220	2	<0.01	39	0.11	8	<5	16	0.06	32	<5	63
WA10	24	85	0.3	5	194	0.2	4	0.24	<0.1	7	35	0.97	2.26	0.06	4	0.47	206	<1	<0.01	21	0.07	4	<5	24	0.04	31	<5	50
WA11	10	30	0.5	6	217	0.3	6	0.24	<0.1	7	32	1.13	1.95	0.09	4	0.32	227	<1	<0.01	27	0.11	7	<5	21	0.04	26	<5	65
WA12	13	32	0.1	6	67	0.2	3	0.28	<0.1	9	39	0.85	2.09	0.11	8	0.59	265	<1	<0.01	24	0.08	5	<5	16	0.05	33	<5	42
WA13	18	18	0.3	6	131	0.3	3	0.28	<0.1	7	32	1.17	1.83	0.08	3	0.36	199	8	<0.01	41	0.10	7	<5	22	0.04	28	<5	50
WA14	14	14	0.1	7	127	0.2	4	0.20	<0.1	7	32	1.10	1.80	0.06	3	0.34	228	<1	<0.01	34	0.08	7	<5	20	0.05	28	<5	38
WA14*	8	15	0.1	<5	132	0.2	6	0.21	<0.1	7	32	1.13	1.83	0.06	3	0.35	240	<1	<0.01	36	0.09	7	<5	21	0.05	28	<5	39

* Represents re-assayed sample

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
VA15	1	17	0.3	<5	124	0.3	<2	0.15	<0.1	9	27	1.04	1.84	0.07	4	0.36	413	<1	<0.01	22	0.07	9	<5	16	0.06	30	<5	45
VA16	10	42	0.2	<5	74	0.2	5	0.27	<0.1	9	41	0.89	2.07	0.11	5	0.56	268	<1	<0.01	37	0.07	11	<5	20	0.04	33	<5	254
VA17	6	23	0.3	<5	74	0.3	3	0.15	<0.1	11	44	1.11	2.29	0.07	5	0.53	192	<1	<0.01	47	0.06	7	<5	14	0.05	36	<5	43
VA18	5	19	0.3	<5	145	0.4	<2	0.16	<0.1	8	34	1.12	1.98	0.08	7	0.47	222	4	<0.01	36	0.05	8	<5	19	0.05	35	<5	49
VA19	3	16	0.5	<5	162	0.3	<2	0.23	<0.1	8	29	1.10	1.95	0.06	4	0.37	313	5	<0.01	27	0.08	8	<5	20	0.04	29	<5	50
VA2	10	7	0.3	<5	51	<0.1	<2	0.13	<0.1	4	25	0.49	1.41	0.04	2	0.17	130	2	<0.01	7	0.03	4	<5	14	0.04	25	<5	20
VA20	15	15	0.3	<5	131	0.3	2	0.19	<0.1	6	30	1.10	1.89	0.06	4	0.40	207	3	<0.01	25	0.07	8	<5	20	0.05	28	<5	41
VA21	4	21	0.4	<5	217	0.4	<2	0.17	<0.1	8	31	1.60	2.28	0.08	4	0.42	198	1	<0.01	41	0.09	9	<5	19	0.07	34	<5	63
VA22	1	15	0.5	<5	188	0.3	<2	0.30	<0.1	7	28	1.26	1.56	0.06	4	0.22	771	4	<0.01	31	0.19	9	<5	25	0.05	23	<5	42
VA23	1	8	0.3	<5	139	0.3	<2	0.27	<0.1	5	27	1.36	1.89	0.05	3	0.25	163	3	<0.01	24	0.13	8	<5	24	0.06	26	<5	33
VA24	9	18	0.2	10	177	0.8	3	0.21	0.4	10	27	1.15	1.66	0.04	13	0.16	253	<1	<0.01	20	0.18	16	6	22	0.05	30	11	38
VA25	5	27	0.2	<5	173	0.4	<2	0.22	<0.1	8	20	1.29	1.82	0.09	5	0.32	483	<1	<0.01	12	0.16	7	<5	18	0.07	26	<5	57
VA26	8	14	0.1	<5	180	0.2	<2	0.23	<0.1	6	22	0.80	1.59	0.04	4	0.23	230	<1	<0.01	13	0.08	5	6	21	0.04	24	<5	42
VA27	9	11	0.1	<5	247	0.3	2	0.34	<0.1	6	23	1.53	1.89	0.04	5	0.27	214	<1	<0.01	17	0.22	9	6	26	0.05	25	<5	71
VA28	6	50	0.2	<5	230	0.3	2	0.24	<0.1	8	31	1.19	2.41	0.04	7	0.42	397	3	<0.01	11	0.07	6	6	24	0.04	31	<5	44
VA29	3	16	0.3	<5	721	0.3	<2	0.16	<0.1	7	18	1.15	3.00	0.07	6	0.39	659	<1	<0.01	15	0.06	10	6	15	0.08	49	<5	54
VA3	12	9	0.1	<5	85	0.2	<2	0.25	<0.1	5	31	0.96	1.80	0.05	4	0.38	132	<1	<0.01	11	0.04	7	<5	24	0.05	28	<5	40
VA30	4	17	0.1	<5	130	0.2	<2	0.12	<0.1	9	61	1.23	2.62	0.07	4	0.66	188	<1	<0.01	24	0.07	7	6	16	0.06	48	<5	47
VA31	7	11	0.4	<5	133	0.3	2	0.22	<0.1	6	31	1.34	1.67	0.07	4	0.26	262	<1	<0.01	34	0.10	7	<5	18	0.06	23	<5	59
VA32	15	91	0.1	6	70	0.3	<2	1.77	<0.1	16	39	1.09	3.18	0.20	10	0.83	603	<1	0.01	27	0.11	8	5	49	0.06	53	<5	61
VA32*	8	96	0.1	7	71	0.3	2	1.82	<0.1	16	41	1.11	3.26	0.20	10	0.85	623	<1	0.01	29	0.11	9	11	51	0.06	54	<5	63
VA4	1	15	0.2	9	127	0.2	<2	3.47	0.1	5	26	0.52	1.18	0.05	4	0.26	298	4	<0.01	16	0.04	2	<5	55	0.03	22	<5	28
VA5	8	143	0.3	5	104	0.3	<2	0.82	<0.1	8	44	0.79	1.99	0.10	9	0.51	422	5	<0.01	42	0.07	4	<5	35	0.03	29	<5	43
VA5*	5	139	0.4	6	113	0.3	<2	0.75	<0.1	9	46	0.87	2.01	0.11	10	0.57	474	2	<0.01	43	0.08	6	<5	37	0.03	31	<5	43
VA6	10	30	<0.1	5	152	0.5	3	0.27	<0.1	13	44	1.24	2.58	0.09	10	0.58	274	<1	<0.01	24	0.07	8	<5	31	0.06	44	10	52
VA7	9	20	<0.1	<5	145	0.2	3	0.28	<0.1	7	39	1.07	2.35	0.08	5	0.49	172	<1	<0.01	14	0.04	5	<5	33	0.05	35	<5	34
VA8	7	19	0.3	7	230	0.4	6	0.17	0.1	7	34	1.48	1.89	0.06	7	0.35	189	1	<0.01	28	0.07	10	<5	22	0.06	31	<5	48
VA9	3	14	0.2	<5	110	0.3	4	0.18	<0.1	6	35	1.24	1.90	0.05	4	0.41	157	<1	<0.01	29	0.05	6	<5	21	0.05	34	<5	43
VB10	<1	34	0.2	7	146	0.5	3	0.23	<0.1	30	364	2.26	2.99	0.17	8	2.43	257	4	<0.01	247	0.05	10	<5	17	0.11	71	8	46
VB11	1	26	<0.1	<5	107	0.3	<2	0.14	<0.1	22	161	1.65	2.28	0.08	4	1.05	157	3	<0.01	145	0.01	10	<5	11	0.10	55	<5	32
VB12	<1	18	0.2	<5	122	0.4	<2	0.13	<0.1	11	41	3.49	2.58	0.04	6	0.28	423	2	<0.01	39	0.28	16	<5	13	0.12	40	<5	92
VB13	<1	16	0.2	<5	157	0.4	<2	0.07	<0.1	6	27	2.40	2.27	0.03	4	0.21	303	2	<0.01	23	0.13	14	<5	9	0.09	35	<5	56
VB14	<1	38	0.2	<5	127	0.3	<2	0.17	<0.1	15	114	1.00	3.20	0.26	4	1.36	363	<1	<0.01	58	0.03	7	<5	20	0.12	73	<5	97
VB15	5	14	0.1	<5	134	0.3	<2	0.19	<0.1	13	33	2.60	3.70	0.12	5	1.09	394	1	<0.01	35	0.09	11	<5	15	0.13	65	<5	97
VB16	2	151	1.3	<5	194	0.8	<2	0.40	<0.1	12	49	2.00	3.06	0.06	13	0.53	205	<1	<0.01	40	0.03	23	<5	25	0.07	51	<5	42
VB17	<1	13	0.2	<5	75	0.2	<2	0.08	<0.1	3	16	0.97	1.30	0.02	3	0.07	355	<1	<0.01	6	0.04	10	<5	9	0.06	21	<5	29
VB18	1	41	0.1	<5	103	0.2	<2	0.31	<0.1	15	26	1.28	2.70	0.21	4	0.69	676	2	<0.01	20	0.03	9	<5	20	0.11	53	<5	67
VB18*	1	40	0.1	<5	102	0.2	<2	0.31	<0.1	15	26	1.23	2.65	0.21	4	0.68	665	<1	<0.01	21	0.03	7	<5	20	0.10	52	<5	66
VB19	<1	117	0.1	20	124	0.4	4	0.23	0.7	21	50	1.86	2.75	0.07	23	0.50	235	8	<0.01	53	0.07	24	<5	26	0.11	71	12	61
VB20	3	49	0.1	<5	77	0.4	<2	0.16	<0.1	11	34	1.11	2.15	0.09	8	0.66	282	7	<0.01	34	0.04	11	<5	17	0.07	46	<5	51
VB21	9	62	0.3	<5	78	0.3	<2	0.26	<0.1	10	32	1.10	2.56	0.07	5	0.64	233	5	<0.01	35	0.05	9	<5	18	0.06	51	<5	44
VB22	2	92	0.9	<5	94	0.7	<2	0.25	<0.1	7	28	1.45	2.16	0.06	5	0.34	313	9	<0.01	28	0.03	15	<5	15	0.08	40	<5	41
VB23	8	625	0.9	<5	218	1.8	<2	0.59	<0.1	22	26	3.40	5.27	0.34	10	1.79	1097	7	<0.01	34	0.08	14	<5	31	0.17	102	<5	144
VB24	1	65	0.4	<5	93	0.6	<2	0.23	<0.1	8	29	1.76	2.41	0.11	4	0.48	252	6	<0.01	32	0.23	11	<5	15	0.08	36	<5	72
VB25	7	36	0.2	<5	156	0.4	<2	0.24	<0.1	10	27	1.62	2.75	0.18	5	0.72	386	6	<0.01	22	0.16	10	5	19	0.07	47	<5	79
VB26	4	51	<0.1	<5	68	0.5	<2	0.23	<0.1	11	32	2.20	3.43	0.09	6	0.89	360	3	<0.01	27	0.16	11	5	16	0.09	63	<5	92
VB27	4	50	0.2	<5	95	0.5	<2	0.19	<0.1	10	25	1.91	2.80	0.10	5	0.64	357	<1	<0.01	28	0.10	13	<5	15	0.09	46	<5	107
VB27*	21	45	0.3	<5	88	0.4	3	0.17	<0.1	9	22	1.74	2.56	0.09	4	0.58	327	<1	<0.01	19	0.09	10	<5	14	0.08	41	<5	100
VB28	<1	48	0.4	10	95	1.4	9	0.16	0.3	13	26	3.65	2.48	0.04	18	0.16	274	4	0.01	23	0.38	25	10	19	0.14	47	11	51
VB29	1	38	0.7	<5	89	0.4	3	0.15	<0.1	8	22	2.02	2.21	0.04	7	0.33	298	4	<0.01	22	0.13	13	7	14	0.10	36	<5	53
VB30	1	76	0.3	<5	90	0.5	3	0.19	<0.1	12	27	1.91	2.87	0.10	6	0.67	382	5	<0.01	31	0.15	13	7	17	0.11	50	<5	76
VB31	75	37	0.4	<5	69	0.3	4	0.18	<0.1	8	21	1.45	2.41	0.09	5	0.45	317	9	<0.01	13	0.10	8	<5	15	0.07	40	<5	52
VB32	1	19	0.3	<5	71	0.4	3	0.23	<0.1	6	19	2.05	2.53	0.08	6	0.37	148	<1	<0.01	13	0.08	10	5	17	0.11	43	<5	52
VB33	1	21	0.5	<5	57	0.6	5	0.08	<0.1	6	19	2.57	2.14	0.04	4	0.15	123	5	<0.01	16	0.17	14	<5	7	0.09	30	<5	41
VB34	4	17	0.4	<5	103	0.3	<5	0.21	<0.1	9	22	1.99	2.52	0.08	4	0.39	409	6	<0.01	18	0.24	12	<5	17	0.07	38	<5	91
VB35	3	57	0.6	<5	70	0.5	3	0.26	<0.1	11	19	2.17	2.09	0.04	7	0.28	155	3	<0.01	13	0.04	19	9	21	0.07	39	<5	39
VB36	2	27	0.3	<5	85	0.5	<2	0.14	<0.1	6	23	1.99	2.90	0.06	4	0.37	174	2	<0.01	17	0.13	13	6	15	0.07	47	<5	44
VB36*	6	25	0.3	<5	83	0.5	<2	0.14	<0.1	6	22	1.90	2.94	0.05	4	0.33	173	2	<0.01	18	0.14	13	7	15	0.07	46	<5	43
VB37	3	41	0.4	7	73	0.8	6	0.12	0.3	12	23	1.94	2.25	0.05	12	0.39	278	4	<0.01	20	0.11	15	<5	16	0.08	45	8	59
VB38	<1	30	0.3	<5	53	0.4	2	0.24	<0.1	5	16	0.83	1.59	0.05	5	0.15	114	4	<0.01	11	0.13	10	<5	16	0.07	28	<5	33

* Represents re-assayed sample

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SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
VB39	1	311	0.5	<5	130	0.8	<2	0.86	<0.1	16	20	1.70	3.15	0.12	14	0.57	1382	5	0.01	14	0.06	12	<5	46	0.08	55	<5	60
VB40	2	40	0.1	<5	54	0.4	<2	0.17	<0.1	10	21	1.41	2.58	0.05	5	0.39	209	3	<0.01	17	0.06	7	<5	14	0.07	41	<5	60
VB41	3	35	0.4	<5	72	0.9	3	0.14	<0.1	9	20	3.68	3.16	0.03	4	0.23	136	<1	<0.01	13	0.37	15	<5	13	0.11	48	<5	58
VB42	1	21	0.2	<5	63	0.5	2	0.09	<0.1	7	20	2.26	2.08	0.04	4	0.23	108	3	<0.01	13	0.11	10	<5	9	0.07	30	<5	42
VB43	3	39	0.2	<5	104	0.6	2	0.13	<0.1	9	23	2.41	2.68	0.04	5	0.42	214	<1	<0.01	14	0.16	10	5	16	0.07	42	<5	52
VB44	3	16	0.3	<5	68	0.6	3	0.19	<0.1	7	20	2.67	2.55	0.07	4	0.25	420	<1	<0.01	5	0.33	18	<5	15	0.11	51	<5	53
VB45	2	81	1.5	<5	99	0.8	2	0.39	<0.1	4	20	2.32	1.35	0.03	7	0.15	193	3	0.01	21	0.05	26	<5	32	0.09	21	<5	22
VB46	1	37	0.6	11	105	1.5	3	0.09	0.5	12	29	2.98	2.27	0.03	19	0.15	188	<1	<0.01	22	0.41	19	<5	16	0.10	48	13	58
VB47	2	28	0.3	<5	60	0.4	<2	0.12	<0.1	7	21	1.20	2.38	0.03	5	0.28	227	<1	<0.01	10	0.21	6	<5	12	0.06	41	<5	43
VB48	<1	18	0.2	<5	262	0.7	<2	0.25	<0.1	9	19	1.89	1.91	0.05	5	0.10	329	<1	<0.01	15	0.55	9	<5	28	0.07	20	<5	68
VB49	1	27	0.4	<5	103	0.4	<2	0.13	<0.1	9	63	1.32	2.37	0.05	4	0.46	186	<1	<0.01	45	0.10	7	<5	12	0.07	41	<5	44
VB50	<1	16	0.6	<5	49	0.9	<2	0.10	<0.1	7	21	3.49	2.32	0.04	4	0.11	316	<1	<0.01	13	0.24	10	<5	8	0.10	29	<5	67
VB51	8	23	0.3	<5	49	1.1	<2	0.12	<0.1	4	22	3.00	2.11	0.03	3	0.14	118	<1	<0.01	24	0.26	12	<5	10	0.10	33	<5	38
VB52	9	95	0.1	6	69	0.3	<2	1.78	<0.1	16	39	1.17	3.33	0.20	10	0.86	645	<1	0.01	26	0.11	4	<5	50	0.06	55	<5	65
VC15	1	16	0.5	<5	83	0.4	2	0.21	<0.1	7	21	1.65	1.97	0.05	4	0.24	372	<1	<0.01	19	0.10	6	<5	13	0.07	31	<5	54
VC16	6	25	0.1	<5	99	0.3	2	0.18	<0.1	9	27	1.57	2.66	0.06	4	0.62	306	<1	<0.01	19	0.08	4	<5	15	0.06	45	<5	56
VC16*	3	26	0.1	<5	104	0.3	<2	0.18	<0.1	9	27	1.62	2.79	0.06	4	0.67	315	<1	<0.01	16	0.08	5	<5	15	0.07	47	<5	59
VC17	18	43	0.3	7	115	0.6	3	0.16	<0.1	15	29	2.14	3.53	0.11	9	0.95	462	<1	<0.01	15	0.06	10	<5	22	0.10	64	11	79
VC18	1	20	0.3	<5	91	0.6	<2	0.14	0.2	9	22	0.92	1.32	0.03	11	0.17	291	5	<0.01	16	0.10	10	<5	15	0.05	28	6	33
VC19	1	16	0.2	<5	113	0.5	<2	0.12	<0.1	9	29	1.88	2.19	0.06	6	0.45	446	<1	<0.01	20	0.12	5	<5	15	0.07	32	<5	83
VC20	7	33	0.2	<5	70	0.3	<2	0.30	<0.1	13	42	1.52	3.43	0.15	6	0.96	353	3	<0.01	19	0.04	2	<5	30	0.09	64	<5	80
VC21	26	10	0.4	<5	57	0.2	<2	0.11	<0.1	7	18	1.02	1.97	0.04	3	0.25	312	<1	<0.01	7	0.07	<1	<5	13	0.06	37	<5	39
VC22	13	10	0.5	<5	60	0.2	<2	0.18	<0.1	6	18	0.99	1.87	0.05	3	0.31	504	<1	<0.01	5	0.10	<1	<5	15	0.05	32	<5	47
VC23	3	10	0.9	<5	93	0.3	<2	0.18	<0.1	5	17	1.84	1.58	0.05	3	0.18	991	<1	<0.01	9	0.17	5	<5	11	0.06	20	<5	55
VC24	9	11	0.4	<5	169	0.5	<2	0.16	<0.1	6	22	2.31	1.99	0.04	4	0.20	913	<1	<0.01	11	0.39	10	<5	13	0.09	23	<5	54
VC25	2	22	0.9	<5	129	0.3	<2	0.22	<0.1	8	19	1.43	2.01	0.08	3	0.30	545	2	<0.01	11	0.09	5	<5	19	0.06	29	<5	70
VC25*	1	22	1.0	<5	123	0.3	<2	0.22	<0.1	8	17	1.33	1.91	0.07	3	0.29	539	<1	<0.01	7	0.08	4	<5	18	0.06	28	<5	67
VC26	18	42	0.6	<5	110	0.4	<2	0.23	<0.1	12	35	2.02	3.14	0.18	5	0.89	352	2	<0.01	30	0.06	8	<5	24	0.11	58	<5	93
VC27	6	43	0.4	<5	134	0.4	<2	0.22	<0.1	13	38	2.06	2.86	0.17	6	0.77	376	3	0.01	35	0.04	12	<5	24	0.11	50	<5	85
VC28	3	29	0.5	<5	122	0.4	<2	0.20	<0.1	10	37	1.75	2.15	0.11	6	0.53	381	2	0.01	34	0.06	9	<5	19	0.09	35	<5	92
VC29	14	24	0.3	<5	109	0.3	<2	0.20	<0.1	10	47	1.51	2.30	0.09	5	0.51	380	<1	<0.01	34	0.15	9	<5	20	0.08	36	<5	74
VC30	1	14	0.2	<5	53	0.4	<2	0.22	<0.1	9	41	1.95	2.43	0.07	4	0.41	237	<1	<0.01	25	0.16	13	<5	19	0.09	43	<5	65
VC31	3	18	0.2	<5	84	0.3	<2	0.20	<0.1	10	44	1.72	2.62	0.09	4	0.60	276	1	<0.01	33	0.05	12	<5	23	0.10	46	<5	59
VC32	6	17	0.4	<5	73	0.3	<2	0.15	<0.1	8	35	1.23	1.98	0.06	4	0.35	381	<1	<0.01	25	0.08	8	<5	15	0.08	36	<5	49
VC33	5	27	0.2	<5	75	0.3	<2	0.19	<0.1	12	60	1.60	2.85	0.07	5	0.69	429	<1	<0.01	36	0.10	8	<5	21	0.08	51	<5	81
VC34	5	36	0.1	<5	81	0.2	<2	0.25	<0.1	12	45	1.13	3.04	0.21	5	0.74	293	<1	<0.01	25	0.06	5	<5	24	0.12	65	<5	64
VC34*	14	36	0.1	<5	81	0.2	<2	0.25	<0.1	12	47	1.14	2.96	0.22	6	0.76	290	<1	<0.01	26	0.06	5	<5	25	0.12	64	<5	59
VC35	<1	24	0.2	<5	78	0.4	<2	0.22	<0.1	19	194	1.98	2.89	0.06	4	1.16	243	2	0.01	118	0.07	13	<5	13	0.11	65	8	51
VC36	<1	16	0.5	<5	111	0.4	<2	0.17	<0.1	9	51	2.06	2.02	0.05	3	0.24	328	<1	0.01	29	0.15	15	<5	12	0.09	30	<5	41
VC37	1	18	0.3	<5	118	0.4	<2	0.21	<0.1	16	68	1.86	3.09	0.07	4	0.53	312	<1	<0.01	49	0.10	24	<5	16	0.08	46	<5	65
VC38	<1	25	0.2	<5	169	0.3	<2	0.39	0.1	12	39	1.45	3.46	0.57	5	1.26	598	<1	0.01	15	0.12	9	<5	20	0.15	87	<5	123
VC39	1	21	0.3	<5	110	0.2	<2	0.30	<0.1	12	86	1.29	3.13	0.13	5	0.94	268	3	0.01	62	0.03	20	<5	30	0.12	69	<5	49
VC40	<1	160	2.7	<5	131	0.8	<2	0.40	0.1	19	87	2.51	3.18	0.08	12	0.41	1289	5	0.02	847	0.05	58	<5	38	0.13	37	<5	61
VC41	<1	27	0.2	<5	101	0.3	<2	0.21	<0.1	19	170	1.46	2.84	0.12	3	1.15	253	1	0.01	84	0.18	25	<5	15	0.11	53	<5	90
VC42	1	23	0.6	<5	84	0.4	<2	0.19	<0.1	24	165	1.73	3.47	0.07	4	0.92	332	3	0.01	124	0.07	25	<5	19	0.10	53	<5	97
VC43	<1	40	0.1	<5	179	0.6	<2	0.43	<0.1	25	41	1.99	5.28	0.37	4	1.24	332	1	0.02	31	0.21	77	<5	21	0.19	149	<5	110
VC43*	<1	38	0.2	<5	169	0.6	<2	0.40	<0.1	24	39	1.90	5.06	0.35	4	1.19	313	3	0.02	31	0.20	74	<5	20	0.18	143	<5	106
VC44	7	92	0.1	11	73	0.4	<2	1.89	0.1	16	45	1.16	3.24	0.21	11	0.84	624	1	0.01	32	0.10	5	12	57	0.08	56	9	64
VC44	1	32	0.1	<5	95	0.5	<2	0.22	<0.1	24	65	1.81	3.58	0.11	6	0.86	284	3	<0.01	57	0.06	43	<5	25	0.12	75	<5	74
VC45	11	193	1.2	<5	103	0.8	11	0.16	<0.1	31	44	2.45	3.69	0.09	7	0.69	501	6	<0.01	50	0.10	888	<5	16	0.12	73	<5	111
VC46	3	47	0.4	<5	97	0.5	2	0.22	<0.1	19	49	1.70	3.07	0.10	7	0.76	241	3	<0.01	56	0.09	46	<5	25	0.11	63	<5	64
VC46*	1	46	0.3	<5	95	0.5	<2	0.22	<0.1	18	47	1.69	3.04	0.10	6	0.73	240	2	<0.01	52	0.09	46	<5	25	0.10	63	<5	64
VC47	1	53	0.4	<5	123	0.8	2	0.23	<0.1	18	124	2.34	3.11	0.06	11	1.05	284	1	0.01	69	0.08	39	<5	24	0.11	47	<5	54
VC48	1	48	0.6	<5	114	0.6	4	0.20	<0.1	14	61	2.17	2.71	0.10	5	0.51	181	3	0.01	58	0.10	41	<5	22	0.11	68	10	72
VC49	1	30	0.2	<5	103	0.3	4	0.19	<0.1	13	69	1.41	3.36	0.12	6	0.79	198	4	<0.01	34	0.05	34	<5	23	0.13	85	<5	50
VC50	<1	13	0.2	<5	96	0.5	5	0.12	<0.1	33	447	1.81	4.19	0.06	6	2.17	168	2	<0.01	275	0.13	15	<5	14	0.15	53	<5	49
VC51	1	40	0.6	<5	125	0.9	3	0.30	<0.1	18	69	2.49	4.84	0.22	9	1.32	431	4	<0.01	47	0.18	85	<5	19	0.17	123	<5	153
VC52	3	59	0.4	<5	115	0.7	5	0.27	<0.1	17	119	1.80	4.30	0.34	7	1.33	309	4	0.01	51	0.09	84	<5	21	0.17	122	<5	78
VC53	<1	19	0.4	<5	120	0.6	5	0.15	<0.1	15	63	2.33	3.12	0.10	6	0.54	183	2	0.01	93	0.13	16	<5	16	0.12	61	<5	58
VC54	1	42	0.6	<5	136	0.9	5	0.21	<0.1	16	63	2.59	3.56	0.15	7	0.93	390	4	<0.01	57	0.14	12	<5	17	0.13	74	<5	170

* Represents re-assayed sample

SAMP	AU	CU	AG	AS	BA	BE	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SR	TI	V	W	ZN
VC55	4	31	4.8	<5	91	0.6	11	0.21	<0.1	10	55	1.50	3.11	0.13	5	0.78	419	3	0.01	43	0.14	377	<5	16	0.12	87	<5	83
VC55*	1	30	4.8	<5	90	0.6	15	0.20	<0.1	10	55	1.49	3.02	0.12	6	0.76	410	2	0.01	43	0.14	379	<5	16	0.12	84	<5	81
VC56	1	41	0.6	<5	93	0.7	<2	0.15	<0.1	11	30	2.03	3.01	0.07	9	0.49	276	5	<0.01	25	0.13	6	<5	19	0.11	66	11	79
VC57	7	53	0.2	<5	67	0.4	<2	0.21	<0.1	11	52	1.26	3.52	0.25	6	0.86	254	2	<0.01	32	0.06	4	<5	22	0.09	76	<5	51
VC57*	5	51	0.2	<5	64	0.5	<2	0.21	<0.1	12	53	1.20	3.43	0.23	8	0.82	248	4	<0.01	33	0.06	5	<5	23	0.09	75	<5	49

Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AU	CD	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BA1	10.00	24.00	0.10	10.00	220.00	2.50	0.33	0.50	14.00	20.00	2.76	3.50	0.09	5.00	0.46	258.00	1.00	0.01	14.00	2320.00	6.00	0.00	10.00	32.00	0.10	0.00	59.00	10.00	8.00	57.00
BA2	5.00	23.00	0.20	10.00	115.00	2.50	0.17	0.50	13.00	17.00	4.51	3.44	0.04	5.00	0.22	190.00	1.00	0.01	8.00	5540.00	4.00	0.00	10.00	21.00	0.13	0.00	45.00	0.00	10.00	37.00
BA3	10.00	24.00	0.10	10.00	160.00	2.50	0.40	0.50	13.00	24.00	2.03	3.30	0.07	5.00	0.64	317.00	1.00	0.01	10.00	1350.00	2.00	0.00	10.00	42.00	0.08	0.00	58.00	0.00	8.00	43.00
BA4	5.00	17.00	0.10	10.00	145.00	2.50	0.38	0.50	13.00	30.00	2.95	2.92	0.06	5.00	0.44	356.00	2.00	0.01	16.00	1300.00	4.00	0.00	10.00	32.00	0.12	0.00	57.00	0.00	10.00	51.00
BA5	10.00	18.00	0.10	10.00	165.00	2.50	0.38	0.50	14.00	33.00	2.88	3.18	0.05	5.00	0.55	226.00	1.00	0.01	16.00	1050.00	2.00	0.00	10.00	36.00	0.13	0.00	60.00	0.00	11.00	46.00
BA6	5.00	15.00	0.10	10.00	115.00	2.50	0.44	0.50	12.00	31.00	1.67	2.60	0.04	5.00	0.40	534.00	0.00	0.01	14.00	1770.00	2.00	0.00	10.00	38.00	0.07	0.00	45.00	0.00	7.00	29.00
BA7	5.00	27.00	0.10	15.00	180.00	2.50	0.44	0.50	16.00	46.00	2.29	3.28	0.05	5.00	0.73	273.00	1.00	0.01	22.00	1220.00	2.00	0.00	10.00	42.00	0.12	0.00	68.00	0.00	11.00	48.00
BA8	10.00	22.00	0.10	10.00	165.00	2.50	0.40	0.50	15.00	40.00	2.30	2.94	0.05	5.00	0.55	440.00	0.00	0.01	18.00	1270.00	4.00	0.00	10.00	36.00	0.12	0.00	61.00	0.00	11.00	48.00
BA9	10.00	14.00	0.10	15.00	100.00	2.50	0.39	0.50	12.00	35.00	2.21	2.69	0.05	5.00	0.41	350.00	0.00	0.01	14.00	1410.00	2.00	0.00	10.00	33.00	0.11	0.00	57.00	0.00	10.00	38.00
BA10	5.00	13.00	0.10	20.00	95.00	2.50	0.35	0.50	13.00	34.00	2.25	2.91	0.04	5.00	0.36	255.00	0.00	0.01	12.00	2470.00	4.00	0.00	10.00	33.00	0.12	0.00	61.00	0.00	10.00	37.00
BA11	5.00	11.00	0.10	15.00	75.00	2.50	0.34	0.50	12.00	30.00	1.96	2.87	0.05	5.00	0.36	260.00	0.00	0.01	11.00	1510.00	2.00	0.00	10.00	34.00	0.10	0.00	59.00	0.00	8.00	30.00
BA12	30.00	14.00	0.10	15.00	95.00	2.50	0.44	0.50	13.00	31.00	1.44	2.78	0.04	5.00	0.50	223.00	0.00	0.01	16.00	1000.00	0.00	0.00	10.00	42.00	0.12	0.00	56.00	0.00	8.00	44.00
BA13	10.00	15.00	0.10	10.00	55.00	2.50	0.48	0.50	11.00	28.00	1.00	2.79	0.03	5.00	0.46	205.00	0.00	0.01	10.00	910.00	0.00	0.00	10.00	40.00	0.08	0.00	57.00	0.00	8.00	25.00
BA14	15.00	21.00	0.10	15.00	100.00	2.50	0.51	0.50	13.00	35.00	1.54	3.07	0.07	5.00	0.57	364.00	0.00	0.01	14.00	1430.00	2.00	0.00	10.00	44.00	0.10	0.00	64.00	0.00	9.00	42.00
BA15	5.00	12.00	0.10	15.00	65.00	2.50	0.38	0.50	13.00	34.00	1.78	3.00	0.04	5.00	0.44	197.00	0.00	0.01	16.00	1610.00	0.00	0.00	10.00	35.00	0.09	0.00	61.00	0.00	8.00	37.00
BA16	5.00	7.00	0.10	10.00	65.00	2.50	0.35	0.50	10.00	26.00	1.63	2.49	0.03	5.00	0.37	381.00	0.00	0.01	10.00	2180.00	0.00	0.00	10.00	34.00	0.08	0.00	50.00	0.00	6.00	59.00
BA17	10.00	26.00	0.10	35.00	150.00	2.50	0.48	0.50	17.00	48.00	2.16	3.41	0.03	5.00	0.65	250.00	1.00	0.01	24.00	790.00	2.00	0.00	10.00	43.00	0.12	0.00	81.00	0.00	10.00	56.00
BA18	2.50	11.00	0.10	10.00	105.00	0.00	0.41	0.50	10.00	28.00	1.73	2.46	0.04	5.00	0.45	253.00	0.00	0.01	15.00	1420.00	0.00	0.00	10.00	38.00	0.08	0.00	49.00	0.00	8.00	57.00
BA19	10.00	81.00	0.10	10.00	385.00	2.50	0.84	0.50	13.00	38.00	1.82	2.71	0.03	5.00	0.53	408.00	0.00	0.01	14.00	240.00	2.00	0.00	10.00	69.00	0.10	0.00	56.00	0.00	14.00	33.00
BA20	10.00	130.00	0.40	15.00	355.00	2.50	1.15	0.50	12.00	28.00	1.81	2.57	0.03	10.00	0.28	614.00	1.00	0.02	18.00	550.00	2.00	0.00	10.00	73.00	0.09	5.00	54.00	0.00	20.00	41.00
BA21	15.00	44.00	0.10	15.00	500.00	2.50	0.85	0.50	13.00	36.00	2.25	3.09	0.05	10.00	0.49	192.00	1.00	0.01	19.00	410.00	2.00	0.00	10.00	71.00	0.10	5.00	54.00	0.00	15.00	43.00
BA22	15.00	96.00	0.10	10.00	450.00	2.50	0.69	0.50	11.00	32.00	1.52	2.39	0.04	10.00	0.46	562.00	0.00	0.01	12.00	410.00	2.00	0.00	10.00	64.00	0.07	5.00	45.00	0.00	23.00	26.00
BA23	10.00	13.00	0.10	10.00	325.00	2.50	0.36	0.50	10.00	25.00	1.45	2.27	0.04	5.00	0.47	221.00	0.00	0.01	10.00	1100.00	0.00	0.00	10.00	44.00	0.06	0.00	40.00	10.00	6.00	36.00
BA24	2.50	6.00	0.10	15.00	220.00	0.00	0.20	0.50	10.00	25.00	4.70	3.47	0.02	5.00	0.15	81.00	1.00	0.01	7.00	4000.00	2.00	0.00	10.00	24.00	0.16	0.00	57.00	0.00	11.00	18.00
BA25	2.50	16.00	0.10	15.00	295.00	0.00	0.54	0.50	11.00	20.00	3.67	2.66	0.04	5.00	0.17	122.00	0.00	0.02	9.00	1390.00	2.00	0.00	10.00	41.00	0.13	0.00	42.00	0.00	13.00	30.00
BA26	10.00	8.00	0.10	10.00	260.00	2.50	0.37	0.50	11.00	24.00	2.31	2.77	0.05	5.00	0.44	203.00	0.00	0.01	9.00	2640.00	0.00	0.00	10.00	40.00	0.07	0.00	47.00	0.00	6.00	33.00
BA27	5.00	13.00	0.10	10.00	480.00	2.50	0.38	0.50	10.00	27.00	1.17	2.65	0.04	5.00	0.44	172.00	0.00	0.01	8.00	930.00	0.00	0.00	10.00	50.00	0.06	0.00	48.00	0.00	6.00	30.00
BA28	5.00	12.00	0.60	15.00	260.00	2.50	0.28	0.50	11.00	14.00	4.14	2.73	0.03	5.00	0.14	198.00	1.00	0.01	5.00	6310.00	4.00	0.00	10.00	22.00	0.16	0.00	38.00	0.00	12.00	27.00
BA29	2.50	13.00	0.20	15.00	255.00	0.00	0.24	0.50	15.00	24.00	2.62	2.85	0.06	5.00	0.27	309.00	1.00	0.01	11.00	3400.00	4.00	0.00	10.00	24.00	0.13	0.00	49.00	0.00	9.00	50.00
BA30	5.00	12.00	0.40	20.00	330.00	2.50	0.40	0.50	13.00	26.00	2.59	3.28	0.05	5.00	0.33	257.00	0.00	0.01	7.00	4920.00	6.00	0.00	10.00	41.00	0.11	0.00	48.00	0.00	9.00	45.00
BB1	2.50	15.00	0.40	15.00	145.00	0.00	0.23	0.50	10.00	15.00	2.20	2.10	0.04	5.00	0.21	501.00	0.00	0.01	6.00	2330.00	4.00	0.00	10.00	20.00	0.11	0.00	34.00	0.00	10.00	58.00
BB2	2.50	25.00	0.10	15.00	175.00	0.00	0.34	0.50	14.00	28.00	1.86	3.06	0.08	5.00	0.48	600.00	0.00	0.01	12.00	1010.00	6.00	0.00	10.00	29.00	0.12	0.00	54.00	0.00	10.00	54.00
BB3	5.00	69.00	0.10	15.00	275.00	2.50	0.42	0.50	13.00	22.00	1.47	3.79	0.09	5.00	0.57	427.00	4.00	0.01	10.00	1030.00	2.00	0.00	10.00	51.00	0.05	0.00	40.00	0.00	7.00	45.00
BB4	15.00	19.00	0.10	15.00	275.00	2.50	0.35	0.50	11.00	15.00	2.16	2.99	0.07	5.00	0.41	217.00	1.00	0.01	11.00	1430.00	0.00	0.00	10.00	38.00	0.07	0.00	44.00	0.00	7.00	32.00
BB5	10.00	13.00	0.10	10.00	170.00	2.50	0.40	0.50	11.00	18.00	1.43	2.41	0.05	5.00	0.45	592.00	0.00	0.01	8.00	1050.00	2.00	0.00	10.00	38.00	0.09	0.00	47.00	0.00	8.00	37.00
BB6	15.00	19.00	0.20	10.00	230.00	2.50	0.70	0.50	11.00	21.00	1.52	2.49	0.13	5.00	0.48	275.00	0.00	0.01	11.00	1420.00	2.00	0.00	10.00	55.00	0.08	0.00	46.00	0.00	8.00	52.00
BB7	2.50	5.00	0.10	5.00	70.00	0.00	0.22	0.50	5.00	11.00	0.69	1.36	0.04	5.00	0.13	282.00	0.00	0.01	3.00	500.00	2.00	0.00	10.00	18.00	0.10	0.00	35.00	0.00	7.00	27.00
BB8	5.00	13.00	0.20	10.00	155.00	2.50	0.35	0.50	10.00	17.00	1.91	2.56	0.06	5.00	0.23	323.00	1.00	0.01	9.00	1540.00	4.00	0.00	10.00	29.00	0.13	0.00	51.00	0.00	9.00	40.00
BB9	2.50	21.00	0.40	15.00	105.00	0.00	0.27	0.50	16.00	33.00	2.39	3.12	0.05	5.00	0.34	196.00	0.00	0.01	19.00	2670.00	4.00	0.00	10.00	27.00	0.12	0.00	53.00	0.00	9.00	50.00
BB10	10.00	18.00	0.10	5.00	165.00	2.50	0.50	1.00	11.00	26.00	1.44	2.63	0.07	5.00	0.34	625.00	0.50	0.01	10.00	1800.00	2.00	0.00	10.00	41.00	0.09	0.00	51.00	0.00	7.00	38.00
BB11	20.00	7.00	0.10	10.00	95.00	2.50	0.38	0.50	10.00	31.00	1.60	2.74	0.06	5.00	0.33	282.00	0.00	0.01	10.00	2510.00	2.00	0.00	10.00	35.00	0.09	0.00	52.00	0.00	7.00	39.00
BB12	20.00	20.00	0.10	15.00	90.00	2.50	0.56	1.00	12.00	37.00	1.23	2.77	0.07	5.00	0.55	292.00	0.50	0.01	14.00	1010.00	0.00	0.00	10.00	52.00	0.10	0.00	58.00	0.00	10.00	27.00
BB13	5.00	9.00	0.20	10.00	80.00	2.50	0.22	0.50	11.00	21.00	3.17	2.37	0.04	5.00	0.19	238.00	0.00	0.02	11.00	2210.00	0.00	0.00	10.00	22.00	0.12	0.00	43.00	10.00	9.00	31.00
BB14	15.00	12.00	0.10	10.00	95.00	2.50	0.45	0.50	13.00	33.00	1.69	2.66	0.04	5.00	0.52	235.00	0.00	0.01	20.00	1110.00	0.00	0.00	10.00	45.00	0.09	0.00	55.00	0.00	8.00	35.00
BB15	10.00	10.00	0.10	10.00	75.00	2.50	0.38	1.00	12.00	32.00	1.67	2.97	0.04	5.00	0.42	169.00	0.50	0.01	14.00	1110.00	0.00	0.00	10.00	40.00	0.10	0.00	62.00	0.00	8.00	26.00
BB16	15.00	24.00	0.10	10.00	90.00	2.50	0.57	0.50	12.00	37.00	1.32	2.94	0.07	5.00	0.61	324.00	0.00	0.01	14.00	950.00	0.00	0.00	10.00	53.00	0.11	0.00	62.00	0.00	10.00	28.00
BB17	2.50	14.00	0.10	10.00	95.00	0.00	0.56	0.50	11.00	31.00	1.12	2.82	0.05	5.00	0.56	339.00	0.00	0.01	12.00	950.00	2.00	0.00	10.00	57.00	0.10	0.00	61.00	0.00	8.00	25.00
BB18	2.50	7.00	0.10	5.00	115.00	0.00	0.41	1.00	9.00	27.00	1.37	2.33	0.04	5.00	0.32	199.00	0.50	0.01	10.00	1230.00	0.00	0.00	10.00	41.00	0.09	0.00	52.00	0.00	7.00	30.00
BB19	2.50	13.00	0.10	15.00	140.00	0.00	0.44	0.50	12.00	36.00	1.56	2.99	0.04	5.00	0.52	412.00	0.00	0.01	13.00	1300.00	0.00	0.00	10.00	43.00	0.10	0.00	62.00	10.00	8.00	33.00
BB20	2.50	8.00	0.10	10.00	115.00	0.00	0.40	0.50	13.00	29.00	1.38	2.57	0.05	5.00	0.35	408.00	0.00	0.01	11.00	1680.00	2.00	0.00	10.00	39.00	0.09	0.00	51.00	0.00	7.00	31.00
BB21	10.00	12.00	0.10	10.00	150.00	2.50	0.42	1.00	11.00	29.00	1.63	2.32	0.04	5.00	0.37	344.00	1.00	0.01	12.00	310.00	0.00	0.00	10.00	43.00	0.10	0.50	51.00	0.00	9.00	22.00
BB22	2.50	11.00	0.10	10.00	110.00	0.00	0.36	0.50	12.00	31.00	2.06	2.71	0.05	5.00	0.42	332.00	0.00	0.01	11.00	1910.00	0.00	0.00	10.00	35.00	0.10	0.00	54.00	0.00	9.00	44.00
BB23	15.00	17.00	0.10	10.00	215.00	2.50	0.62	0.50	14.00	38.00	1.98	3.05	0.08	5.00	0.60	451.00	1.00	0.02	20.00	680.00	1.00	0.00	10.00	61.00	0.11	0.00	65.00	0.00	10.00	36.00
BB24	15.00	7.00	0.10	10.00	115.00	2.50	0.48	0.50	9.00	21.00	1.20	2.29	0.04	5.00	0.26	213.00	0.00	0.01	6.00	1540.00	0.00	0.00	10.00	42.00	0.09	0.00	50.00	0.00	7.00	26.00
BB25	15.00	18.00	0.10	10.00	155.00	2.50	0.64	0.50	12.00	36.00	1.51	2.61	0.05	5.00	0.60	266.00	0.00	0.01	12.00	630.00	2.00	0.00	10.00	60.00	0.12	0.00	58.00	0.00	11.00	29.00
BB26	10.00	9.00	0.20	5.00	185.00	2.50	0.39	0.50	11.00	23.00	1.80	2.34	0.05	5.00	0.34	266.00	0.00	0.01	9.00	1740.00	0.00	0.00	10.00	37.00	0.08	0.00	46.00	0.00	8.00	37.00
BB27	25.00	26.00	0.10	5.00	305.00	2.50	1.67	0.50	9.00	26.00	1.72	2.07	0.24	5.00	0.42	334.00	1.00	0.02	10.00	1130.00	2.00	0.00	10.00	93.00	0.09	0.00	46.00	0.00	8.00	41.00
BB28	5.00	8.00	0.10	10.00	180.00	2.50	0.48	3.00	10.00	23.00	2.70	2.52	0.04	5.00	0.24	162.00	1.00	0.01	9.00	1430.00	2.00	0.00	10.00	38.00	0.12	0.50	46.00	0.00	9.00	19.00
BB29	5.00	8.00	0.20	5.00	360.00	2.50	0.46	0.50	7.00	10.00	2.04	1.87	0.04	5.00	0.09	285.00	0.00	0.03	3.00	4780.00	2.00	0.00	10.00	34.00	0.12	0.00	28.00	0.00	8.00	40.00

Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AG	CU	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BB30	10.00	24.00	0.10	10.00	395.00	2.50	0.42	0.50	15.00	27.00	2.10	3.33	0.08	5.00	0.53	247.00	1.00	0.03	9.00	3160.00	0.00	0.00	10.00	46.00	0.07	0.00	46.00	10.00	5.00	42.00
BC1	20.00	25.00	0.10	10.00	80.00	2.50	0.61	0.50	13.00	27.00	1.30	3.26	0.12	5.00	0.76	290.00	0.00	0.01	12.00	1240.00	2.00	0.00	10.00	52.00	0.11	0.00	64.00	0.00	11.00	33.00
BC2	20.00	33.00	0.10	15.00	180.00	2.50	0.34	0.50	13.00	21.00	1.47	4.46	0.09	5.00	0.41	316.00	3.00	0.01	8.00	550.00	4.00	0.00	10.00	33.00	0.05	0.00	58.00	0.00	4.00	63.00
BC3	5.00	21.00	0.10	10.00	140.00	2.50	0.32	0.50	14.00	39.00	1.56	2.85	0.12	5.00	0.59	374.00	1.00	0.01	21.00	850.00	4.00	0.00	10.00	25.00	0.11	0.00	51.00	0.00	9.00	50.00
BC4	2.50	13.00	0.10	10.00	185.00	0.00	0.47	0.50	11.00	28.00	1.57	2.52	0.08	5.00	0.44	572.00	0.00	0.01	9.00	1690.00	2.00	0.00	10.00	43.00	0.10	0.00	48.00	0.00	8.00	46.00
BC5	2.50	11.00	0.10	10.00	100.00	0.00	0.36	0.50	12.00	29.00	1.98	2.58	0.05	5.00	0.39	277.00	0.00	0.01	13.00	2030.00	0.00	0.00	10.00	35.00	0.10	0.00	47.00	0.00	8.00	46.00
BC6	15.00	10.00	0.20	10.00	120.00	2.50	0.39	0.50	10.00	22.00	2.07	2.62	0.06	5.00	0.32	187.00	0.00	0.01	13.00	1910.00	2.00	0.00	10.00	35.00	0.13	0.00	54.00	30.00	9.00	37.00
BC7	5.00	11.00	0.10	10.00	105.00	2.50	0.42	0.50	11.00	31.00	1.73	2.66	0.08	5.00	0.41	173.00	0.00	0.01	13.00	1160.00	0.00	0.00	10.00	41.00	0.11	0.00	53.00	0.00	9.00	27.00
BC8	2.50	14.00	0.10	10.00	235.00	0.00	0.49	0.50	11.00	28.00	1.88	2.49	0.10	5.00	0.46	236.00	0.00	0.01	13.00	970.00	0.00	0.00	10.00	45.00	0.11	0.00	46.00	0.00	9.00	50.00
BC9	15.00	19.00	0.10	5.00	210.00	2.50	0.60	0.50	11.00	21.00	2.53	2.34	0.14	5.00	0.42	271.00	0.00	0.02	15.00	460.00	1.00	0.00	10.00	50.00	0.13	0.00	40.00	0.00	15.00	33.00
BC10	5.00	8.00	0.20	5.00	255.00	2.50	0.83	0.50	6.00	8.00	2.73	1.67	0.06	5.00	0.14	373.00	0.00	0.02	5.00	5680.00	1.00	0.00	10.00	56.00	0.13	0.00	22.00	0.00	10.00	47.00
BC11	35.00	14.00	0.20	10.00	115.00	2.50	0.34	0.50	11.00	22.00	3.45	2.70	0.05	5.00	0.32	192.00	0.00	0.02	13.00	2920.00	0.00	0.00	10.00	33.00	0.12	0.00	44.00	0.00	11.00	45.00
BC12	20.00	10.00	0.10	10.00	120.00	2.50	0.42	0.50	9.00	22.00	1.46	2.27	0.07	5.00	0.32	328.00	0.00	0.02	9.00	1310.00	0.00	0.00	10.00	38.00	0.10	0.00	47.00	0.00	8.00	45.00
BC13	10.00	18.00	0.20	10.00	200.00	2.50	0.40	0.50	11.00	25.00	2.04	2.52	0.07	5.00	0.42	272.00	0.00	0.02	15.00	2120.00	0.00	0.00	10.00	37.00	0.11	0.00	47.00	0.00	8.00	63.00
BC14	15.00	13.00	0.10	15.00	145.00	2.50	0.35	0.50	15.00	33.00	2.22	3.41	0.05	5.00	0.47	316.00	1.00	0.01	15.00	1860.00	0.00	0.00	10.00	38.00	0.11	0.00	69.00	0.00	8.00	43.00
BC15	10.00	16.00	0.10	10.00	120.00	2.50	0.39	0.50	13.00	37.00	1.97	3.74	0.05	5.00	0.59	214.00	1.00	0.01	13.00	1140.00	0.00	0.00	10.00	45.00	0.12	0.00	76.00	0.00	9.00	34.00
BC16	15.00	99.00	0.10	15.00	305.00	2.50	0.92	0.50	17.00	31.00	2.10	3.95	0.13	10.00	1.09	1099.00	2.00	0.01	14.00	1040.00	0.00	0.00	10.00	85.00	0.02	5.00	57.00	0.00	24.00	65.00
BC17	2.50	11.00	0.10	15.00	145.00	0.00	0.37	0.50	12.00	32.00	2.43	3.01	0.05	5.00	0.45	181.00	0.00	0.01	16.00	920.00	0.00	0.00	10.00	38.00	0.11	0.00	55.00	0.00	9.00	36.00
BC18	5.00	13.00	0.10	15.00	185.00	2.50	0.34	0.50	11.00	28.00	1.70	3.14	0.05	5.00	0.59	242.00	0.00	0.01	11.00	1540.00	0.00	0.00	10.00	56.00	0.06	0.00	51.00	0.00	6.00	34.00
BC19	5.00	10.00	0.10	15.00	115.00	2.50	0.32	0.50	11.00	27.00	1.78	2.80	0.04	5.00	0.43	197.00	0.00	0.01	14.00	1650.00	0.00	0.00	10.00	36.00	0.09	0.00	54.00	0.00	7.00	36.00
BC20	30.00	18.00	0.10	15.00	120.00	2.50	0.41	0.50	11.00	33.00	1.87	3.21	0.04	5.00	0.48	210.00	0.00	0.01	13.00	1780.00	0.00	0.00	10.00	43.00	0.10	0.00	62.00	0.00	8.00	27.00
BC21	2.50	11.00	0.10	10.00	130.00	0.00	0.39	0.50	10.00	25.00	2.19	2.62	0.05	5.00	0.33	188.00	0.00	0.02	14.00	570.00	0.00	0.00	10.00	37.00	0.12	0.00	50.00	0.00	9.00	29.00
BC22	10.00	10.00	0.10	15.00	235.00	2.50	0.45	0.50	13.00	33.00	2.64	2.90	0.05	5.00	0.49	317.00	0.00	0.01	18.00	2030.00	0.00	0.00	10.00	46.00	0.11	0.00	51.00	0.00	8.00	34.00
BC23	2.50	15.00	0.10	10.00	360.00	0.00	0.36	0.50	11.00	26.00	2.37	2.64	0.05	5.00	0.43	234.00	0.00	0.01	16.00	1690.00	0.00	0.00	10.00	39.00	0.10	0.00	48.00	0.00	8.00	48.00
BC24	25.00	10.00	0.10	10.00	145.00	2.50	0.43	0.50	12.00	34.00	2.20	2.81	0.06	5.00	0.38	309.00	0.00	0.01	16.00	2720.00	0.00	0.00	10.00	38.00	0.09	0.00	57.00	0.00	7.00	44.00
BC25	2.50	11.00	0.10	10.00	120.00	0.00	0.45	0.50	14.00	32.00	2.40	2.55	0.06	5.00	0.51	204.00	0.00	0.01	19.00	1700.00	0.00	0.00	10.00	45.00	0.11	0.00	47.00	0.00	9.00	42.00
BC26	2.50	32.00	0.10	15.00	305.00	0.00	0.65	0.50	16.00	57.00	3.47	4.11	0.06	10.00	0.53	217.00	1.00	0.02	34.00	420.00	1.00	0.00	10.00	64.00	0.15	5.00	81.00	0.00	25.00	40.00
BC27	2.50	11.00	0.10	15.00	115.00	0.00	0.38	0.50	11.00	27.00	2.10	3.12	0.05	5.00	0.51	184.00	0.00	0.01	13.00	2370.00	0.00	0.00	10.00	45.00	0.08	0.00	58.00	0.00	6.00	26.00
BC28	2.50	15.00	0.10	15.00	110.00	0.00	0.46	0.50	12.00	36.00	2.04	2.94	0.06	5.00	0.60	228.00	0.00	0.01	15.00	860.00	0.00	0.00	10.00	49.00	0.11	0.00	63.00	0.00	9.00	33.00
BC29	10.00	36.00	0.10	15.00	285.00	2.50	0.59	0.50	11.00	30.00	1.03	3.01	0.05	5.00	0.53	317.00	0.00	0.01	11.00	1000.00	0.00	0.00	10.00	51.00	0.06	0.00	55.00	0.00	11.00	24.00
BC30	30.00	22.00	0.10	10.00	235.00	2.50	0.68	0.50	11.00	34.00	1.50	2.69	0.07	5.00	0.53	380.00	1.00	0.01	12.00	770.00	0.00	0.00	10.00	61.00	0.09	0.00	53.00	0.00	9.00	26.00
BD1	5.00	10.00	0.20	15.00	180.00	2.50	0.36	0.50	12.00	30.00	2.83	2.67	0.09	5.00	0.36	256.00	0.00	0.01	24.00	2550.00	2.00	0.00	10.00	31.00	0.12	0.00	44.00	0.00	9.00	50.00
BD2	10.00	16.00	0.10	10.00	180.00	2.50	0.41	0.50	12.00	29.00	1.92	2.70	0.10	5.00	0.52	295.00	0.00	0.02	19.00	1320.00	8.00	0.00	10.00	40.00	0.12	0.00	49.00	0.00	9.00	57.00
BD3	5.00	10.00	0.10	10.00	120.00	2.50	0.46	0.50	11.00	28.00	1.59	2.45	0.12	5.00	0.52	378.00	0.00	0.01	12.00	450.00	2.00	0.00	10.00	45.00	0.13	0.00	50.00	0.00	10.00	38.00
BD4	2.50	5.00	0.10	10.00	130.00	0.00	0.40	0.50	9.00	20.00	1.23	2.03	0.09	5.00	0.30	436.00	0.00	0.01	11.00	1000.00	0.00	0.00	10.00	36.00	0.11	0.00	47.00	0.00	8.00	33.00
BD5	10.00	21.00	0.10	15.00	65.00	2.50	0.59	0.50	13.00	39.00	1.53	2.96	0.22	5.00	0.76	288.00	0.00	0.01	16.00	680.00	0.00	0.00	10.00	55.00	0.14	0.00	66.00	0.00	12.00	40.00
BD6	5.00	15.00	0.10	10.00	75.00	2.50	0.52	0.50	11.00	31.00	1.23	2.37	0.10	5.00	0.50	352.00	0.00	0.01	13.00	540.00	2.00	0.00	10.00	48.00	0.11	0.00	50.00	0.00	9.00	29.00
BD7	10.00	19.00	0.10	15.00	70.00	2.50	0.46	0.50	11.00	31.00	1.26	2.61	0.06	5.00	0.56	208.00	0.00	0.01	14.00	690.00	0.00	0.00	10.00	44.00	0.10	0.00	53.00	0.00	9.00	30.00
BD8	5.00	11.00	0.20	15.00	135.00	2.50	0.38	0.50	14.00	26.00	2.06	2.61	0.07	5.00	0.43	595.00	0.00	0.01	16.00	1460.00	0.00	0.00	10.00	32.00	0.11	0.00	49.00	0.00	9.00	46.00
BD9	25.00	54.00	0.10	15.00	145.00	2.50	0.72	0.50	18.00	40.00	1.78	3.75	0.32	5.00	1.05	664.00	0.00	0.01	16.00	890.00	4.00	0.00	10.00	61.00	0.14	0.00	75.00	0.00	15.00	52.00
BD10	10.00	10.00	0.10	10.00	145.00	2.50	0.41	0.50	12.00	23.00	1.54	2.41	0.07	5.00	0.38	556.00	0.00	0.01	12.00	760.00	2.00	0.00	10.00	40.00	0.11	0.00	50.00	0.00	8.00	41.00
BD11	2.50	9.00	0.10	10.00	110.00	0.00	0.30	0.50	12.00	25.00	2.02	2.55	0.07	5.00	0.36	379.00	0.00	0.01	14.00	1430.00	0.00	0.00	10.00	32.00	0.11	0.00	46.00	0.00	8.00	36.00
BD12	2.50	28.00	0.10	10.00	120.00	0.00	0.45	0.50	12.00	29.00	1.85	2.61	0.06	5.00	0.41	287.00	0.00	0.01	21.00	1030.00	2.00	0.00	10.00	43.00	0.11	0.00	50.00	0.00	11.00	29.00
BD13	2.50	17.00	0.10	10.00	140.00	0.00	0.45	0.50	13.00	27.00	1.71	2.74	0.06	5.00	0.54	390.00	0.00	0.01	14.00	1740.00	0.00	0.00	10.00	43.00	0.09	0.00	51.00	0.00	8.00	51.00
BD14	2.50	20.00	0.10	15.00	140.00	0.00	0.40	0.50	14.00	35.00	2.16	2.86	0.05	5.00	0.54	238.00	0.00	0.01	23.00	810.00	0.00	0.00	10.00	43.00	0.11	0.00	57.00	0.00	9.00	44.00
BD15	2.50	36.00	0.20	15.00	145.00	0.00	0.66	0.50	18.00	37.00	1.36	3.26	0.13	5.00	0.78	2445.00	0.00	0.01	19.00	750.00	2.00	0.00	10.00	60.00	0.11	0.00	68.00	0.00	12.00	36.00
BD16	35.00	54.00	0.10	15.00	105.00	2.50	0.87	0.50	17.00	38.00	1.39	3.27	0.29	10.00	0.93	746.00	0.00	0.02	18.00	1260.00	4.00	0.00	10.00	62.00	0.12	5.00	65.00	0.00	16.00	42.00
BD17	2.50	20.00	0.10	15.00	80.00	0.00	0.45	0.50	13.00	31.00	1.72	3.27	0.07	5.00	0.73	273.00	0.00	0.01	14.00	1600.00	0.00	0.00	10.00	44.00	0.11	0.00	68.00	0.00	9.00	36.00
BD18	2.50	6.00	0.10	15.00	135.00	0.00	0.26	0.50	11.00	22.00	3.28	2.66	0.03	5.00	0.21	273.00	0.00	0.01	13.00	3980.00	0.00	0.00	10.00	27.00	0.11	0.00	49.00	0.00	7.00	36.00
BD19	2.50	11.00	0.20	10.00	270.00	0.00	0.38	0.50	10.00	24.00	2.50	2.28	0.06	5.00	0.30	415.00	0.00	0.02	15.00	3880.00	0.00	0.00	10.00	45.00	0.10	0.00	36.00	0.00	8.00	58.00
BD20	35.00	20.00	0.10	15.00	275.00	2.50	0.43	0.50	12.00	28.00	2.26	2.89	0.05	5.00	0.32	313.00	0.00	0.01	10.00	4830.00	0.00	0.00	10.00	39.00	0.10	0.00	45.00	0.00	7.00	44.00
BD21	2.50	22.00	0.10	10.00	190.00	0.00	0.39	0.50	11.00	30.00	1.81	2.61	0.05	5.00	0.47	187.00	0.00	0.01	14.00	920.00	0.00	0.00	10.00	45.00	0.10	0.00	50.00	0.00	8.00	31.00
BD22	2.50	16.00	0.10	10.00	195.00	0.00	0.28	0.50	10.00	22.00	2.05	2.30	0.05	5.00	0.38	314.00	0.00	0.01	12.00	2300.00	0.00	0.00	10.00	34.00	0.09	0.00	42.00	0.00	7.00	61.00
BD23	2.50	13.00	0.10	15.00	120.00	0.00	0.30	0.50	11.00	25.00	1.89	2.58	0.06	5.00	0.35	208.00	0.00	0.01	12.00	1090.00	0.00	0.00	10.00	33.00	0.11	0.00	53.00	0.00	8.00	35.00
BD24	2.50	9.00	0.10	10.00	170.00	0.00	0.22	0.50	9.00	19.00	2.69	2.33	0.05	5.00	0.26	263.00	0.00	0.02	14.00	2630.00	0.00	0.00	10.00	24.00	0.11	0.00	40.00	0.00	9.00	47.00
BD25	10.00	11.00	0.10	2.50	220.00	0.00	0.30	0.50	12.00	36.00	1.69	2.33	0.05	5.00	0.37	342.00	0.00	0.01	22.00	2150.00	2.00	0.00	10.00	32.00	0.09	0.00	41.00	0.00	7.00	41.00
BD26	20.00	26.00	0.10	5.00	170.00	2.50	0.47	0.50	12.00	28.00	1.66	2.84	0.05	5.00	0.50	274.00	0.00	0.01	12.00	1590.00	0.00	0.00	10.00	44.00	0.09	0.00	56.00	0.00	8.00	41.00
BD27	35.00	19.00	0.10	2.50	220.00	0.00	0.40	0.50	11.00	28.00	1.97	2.67	0.06	5.00	0.48	238.00	0.00	0.02	13.00	1640.00	0.00	0.00	10.00	46.00	0.09	0.00	53.00	0.00	8.00	38.00
BD28	10.00	14.00	0.10	2.50	220.00	0.00	0.36	0.50	11.00	23.00	2.91	2.65	0.05	5.00	0.36	265.00	0.00	0.02	17.00	2400.00	2.00	0.00	10.00	35.00	0.11	0.00	47.00	0.00	9.00	36.00
BD29	30.00	14.00	0.10	5.00	280.00	2.50	0.39	0.50	12.00	34.00	1.72	3.24	0.05	5.00	0.46	209.00	0.00	0.01	13.00	1630.00	0.00	0.00	10.00	47.00	0.08	0.00	62.00	0.00	7.00	30.00

Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AU	CD	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BD30	10.00	21.00	0.10	5.00	335.00	2.50	0.36	0.50	12.00	31.00	1.67	3.02	0.05	5.00	0.50	253.00	1.00	0.01	10.00	1020.00	0.00	0.00	10.00	47.00	0.08	0.00	57.00	0.00	8.00	31.00
BE1	15.00	23.00	0.10	5.00	115.00	2.50	0.50	0.50	14.00	31.00	1.48	2.98	0.11	5.00	0.63	251.00	0.00	0.01	17.00	500.00	0.00	5.00	10.00	47.00	0.12	0.00	58.00	0.00	11.00	48.00
BE2	2.50	18.00	0.20	0.00	335.00	0.00	0.43	0.50	15.00	33.00	2.48	2.88	0.14	5.00	0.51	363.00	0.00	0.02	39.00	1560.00	4.00	0.00	10.00	39.00	0.13	0.00	49.00	0.00	10.00	54.00
BE3	30.00	19.00	0.10	2.50	210.00	0.00	0.54	0.50	14.00	28.00	2.19	2.93	0.10	5.00	0.51	212.00	0.00	0.02	21.00	800.00	2.00	0.00	10.00	47.00	0.13	0.00	57.00	0.00	11.00	49.00
BE4	20.00	11.00	0.10	2.50	155.00	0.00	0.36	0.50	11.00	22.00	2.55	2.43	0.07	5.00	0.34	165.00	0.00	0.02	18.00	2100.00	4.00	0.00	10.00	33.00	0.13	0.00	40.00	0.00	11.00	55.00
BE5	20.00	12.00	0.10	2.50	180.00	0.00	0.54	0.50	12.00	32.00	2.07	2.54	0.10	5.00	0.56	271.00	0.00	0.02	21.00	1290.00	2.00	0.00	10.00	52.00	0.12	0.00	48.00	0.00	10.00	43.00
BE6	30.00	14.00	0.10	2.50	135.00	0.00	0.43	0.50	12.00	26.00	1.95	2.64	0.08	5.00	0.47	249.00	0.00	0.01	17.00	1390.00	2.00	0.00	10.00	40.00	0.11	0.00	50.00	0.00	10.00	40.00
BE7	10.00	14.00	0.10	2.50	120.00	0.00	0.52	0.50	13.00	28.00	1.91	2.85	0.16	5.00	0.51	295.00	0.00	0.01	16.00	910.00	6.00	0.00	10.00	43.00	0.12	0.00	56.00	0.00	10.00	37.00
BE8	20.00	17.00	0.10	2.50	100.00	0.00	0.45	0.50	14.00	30.00	1.57	2.83	0.08	5.00	0.48	379.00	0.00	0.01	12.00	1600.00	2.00	0.00	10.00	40.00	0.11	0.00	56.00	0.00	9.00	34.00
BE9	15.00	14.00	0.10	5.00	105.00	2.50	0.57	0.50	13.00	39.00	1.67	2.90	0.08	5.00	0.68	267.00	0.00	0.01	16.00	910.00	2.00	0.00	10.00	61.00	0.13	0.00	62.00	0.00	12.00	40.00
BE10	5.00	10.00	0.10	2.50	235.00	0.00	0.55	0.50	12.00	35.00	1.85	2.49	0.07	5.00	0.44	518.00	0.00	0.01	16.00	2870.00	2.00	0.00	10.00	53.00	0.09	0.00	45.00	0.00	9.00	48.00
BE11	10.00	10.00	0.10	2.50	125.00	0.00	0.43	0.50	11.00	39.00	1.65	2.56	0.05	5.00	0.46	202.00	0.00	0.01	17.00	1220.00	0.00	0.00	10.00	45.00	0.09	0.00	49.00	0.00	9.00	37.00
BE12	25.00	96.00	0.10	5.00	80.00	2.50	0.74	0.50	22.00	52.00	1.99	4.35	0.40	10.00	1.11	481.00	0.00	0.02	24.00	780.00	6.00	0.00	10.00	56.00	0.16	5.00	85.00	0.00	23.00	48.00
BE13	20.00	40.00	0.10	5.00	95.00	2.50	0.70	0.50	15.00	41.00	1.58	3.33	0.20	10.00	0.77	469.00	0.00	0.02	17.00	860.00	2.00	0.00	10.00	60.00	0.12	5.00	67.00	0.00	15.00	42.00
BE14	2.50	55.00	0.10	5.00	95.00	0.00	0.70	0.50	16.00	43.00	1.36	3.40	0.23	5.00	0.89	389.00	0.00	0.01	22.00	1070.00	2.00	0.00	10.00	54.00	0.13	0.00	67.00	0.00	13.00	39.00
BE15	10.00	22.00	0.10	5.00	55.00	2.50	0.56	0.50	10.00	29.00	0.93	2.40	0.09	5.00	0.52	187.00	0.00	0.01	12.00	890.00	0.00	0.00	10.00	44.00	0.09	0.00	48.00	0.00	10.00	22.00
BE16	10.00	69.00	0.10	5.00	115.00	2.50	0.61	0.50	15.00	41.00	1.42	3.62	0.23	5.00	0.78	342.00	0.00	0.01	24.00	1050.00	2.00	0.00	10.00	50.00	0.12	0.00	67.00	0.00	12.00	38.00
BE17	20.00	43.00	0.10	5.00	90.00	2.50	0.50	0.50	14.00	48.00	1.21	3.09	0.14	5.00	0.63	291.00	0.00	0.01	24.00	750.00	2.00	0.00	10.00	42.00	0.12	0.00	60.00	0.00	11.00	30.00
BE18	10.00	29.00	0.10	5.00	95.00	2.50	0.63	0.50	16.00	45.00	1.27	3.21	0.14	5.00	0.76	392.00	0.00	0.01	18.00	1200.00	2.00	0.00	10.00	51.00	0.11	0.00	65.00	0.00	11.00	33.00
BE19	15.00	73.00	0.10	5.00	430.00	2.50	0.75	0.50	19.00	48.00	1.94	4.10	0.10	10.00	0.80	1782.00	1.00	0.02	29.00	2070.00	2.00	0.00	10.00	68.00	0.09	5.00	68.00	0.00	18.00	80.00
BE20	20.00	37.00	0.10	10.00	80.00	2.50	0.72	0.50	16.00	37.00	1.23	3.08	0.12	10.00	0.76	536.00	0.00	0.02	16.00	1220.00	0.00	0.00	10.00	56.00	0.11	5.00	63.00	0.00	13.00	37.00
BE21	2.50	26.00	0.10	5.00	140.00	0.00	0.55	0.50	14.00	36.00	1.81	3.21	0.07	5.00	0.69	269.00	0.00	0.01	14.00	880.00	0.00	0.00	10.00	56.00	0.13	0.00	68.00	0.00	11.00	35.00
BE22	2.50	8.00	0.10	5.00	105.00	0.00	0.53	0.50	10.00	35.00	1.32	2.50	0.04	5.00	0.39	227.00	0.00	0.01	10.00	1650.00	0.00	0.00	10.00	56.00	0.09	0.00	50.00	0.00	9.00	26.00
BE23	2.50	6.00	0.10	5.00	185.00	0.00	0.45	0.50	8.00	24.00	1.11	1.98	0.05	5.00	0.30	504.00	0.00	0.01	8.00	1540.00	0.00	0.00	10.00	43.00	0.10	0.00	50.00	0.00	9.00	71.00
BE24	10.00	18.00	0.10	2.50	255.00	0.00	0.36	0.50	13.00	33.00	2.08	2.70	0.07	5.00	0.42	440.00	0.00	0.02	25.00	2340.00	2.00	0.00	10.00	86.00	0.13	0.00	24.00	0.00	10.00	80.00
BE25	2.50	10.00	0.20	0.00	865.00	0.00	0.56	0.50	17.00	86.00	2.69	2.47	0.04	5.00	0.20	974.00	0.00	0.02	18.00	10000.00	6.00	0.00	10.00	46.00	0.14	0.00	51.00	0.00	11.00	41.00
BE26	2.50	12.00	0.10	0.00	250.00	0.00	0.45	0.50	12.00	23.00	2.38	2.42	0.07	5.00	0.31	254.00	1.00	0.02	15.00	400.00	1.00	0.00	10.00	60.00	0.13	0.50	55.00	0.00	11.00	32.00
BE27	10.00	20.00	0.10	2.50	305.00	0.00	0.58	2.00	14.00	28.00	2.36	2.78	0.08	5.00	0.34	159.00	2.00	0.02	16.00	530.00	2.00	0.00	10.00	60.00	0.13	0.50	55.00	0.00	11.00	32.00
BE28	40.00	22.00	0.10	5.00	145.00	2.50	0.55	1.00	17.00	43.00	2.17	3.30	0.11	5.00	0.76	361.00	0.50	0.02	18.00	860.00	2.00	0.00	10.00	51.00	0.13	0.00	67.00	0.00	12.00	46.00
BE29	10.00	14.00	0.10	2.50	230.00	0.00	0.33	0.50	14.00	34.00	2.45	2.85	0.08	5.00	0.47	257.00	0.00	0.02	19.00	2550.00	0.00	0.00	10.00	36.00	0.10	0.00	52.00	0.00	8.00	68.00
BH1	5.00	10.00	0.10	2.50	195.00	0.00	0.44	0.50	11.00	34.00	1.62	2.53	0.07	5.00	0.35	300.00	0.00	0.01	13.00	2920.00	0.00	0.00	10.00	44.00	0.09	0.00	44.00	0.00	8.00	41.00
BH2	35.00	11.00	0.20	2.50	225.00	0.00	0.48	0.50	11.00	33.00	1.84	2.54	0.08	5.00	0.34	489.00	0.00	0.02	14.00	3360.00	2.00	0.00	10.00	45.00	0.09	0.00	44.00	0.00	8.00	41.00
BH3	2.50	16.00	0.10	0.00	155.00	0.00	0.41	0.50	15.00	37.00	1.50	2.63	0.10	5.00	0.60	822.00	0.00	0.01	16.00	1940.00	0.00	0.00	10.00	38.00	0.10	0.00	45.00	0.00	10.00	51.00
BH4	10.00	45.00	0.10	2.50	180.00	0.00	0.41	0.50	13.00	39.00	1.51	2.46	0.15	10.00	0.69	549.00	0.00	0.01	23.00	1580.00	2.00	0.00	10.00	104.00	0.08	5.00	36.00	0.00	14.00	38.00
BH5	10.00	74.00	0.10	5.00	140.00	2.50	2.87	0.50	24.00	41.00	1.80	3.99	0.31	10.00	1.34	775.00	1.00	0.02	35.00	630.00	2.00	5.00	10.00	128.00	0.17	5.00	78.00	0.00	20.00	44.00
BH6	20.00	33.00	0.10	5.00	55.00	2.50	0.61	0.50	18.00	53.00	1.57	3.29	0.22	10.00	0.91	344.00	1.00	0.02	24.00	260.00	2.00	0.00	10.00	50.00	0.16	5.00	68.00	0.00	15.00	39.00
BH7	5.00	23.00	0.10	5.00	130.00	2.50	0.46	1.00	16.00	43.00	1.61	2.87	0.26	10.00	0.75	653.00	0.50	0.02	21.00	840.00	2.00	0.00	10.00	41.00	0.13	5.00	50.00	0.00	12.00	60.00
BH8	15.00	34.00	0.10	5.00	95.00	2.50	0.53	0.50	20.00	72.00	1.61	3.30	0.16	10.00	1.01	436.00	0.00	0.02	32.00	1130.00	2.00	0.00	10.00	41.00	0.13	5.00	60.00	0.00	13.00	46.00
BH9	2.50	28.00	0.10	5.00	140.00	0.00	0.67	0.50	19.00	76.00	1.56	3.41	0.20	10.00	0.99	800.00	0.00	0.02	30.00	1370.00	2.00	0.00	10.00	50.00	0.13	5.00	63.00	0.00	12.00	66.00
BH10	15.00	39.00	0.10	5.00	70.00	2.50	0.76	0.50	17.00	66.00	1.69	3.61	0.24	10.00	1.01	420.00	0.00	0.02	27.00	700.00	2.00	0.00	10.00	49.00	0.15	5.00	71.00	0.00	17.00	49.00
BH11	30.00	16.00	0.10	2.50	170.00	0.00	0.58	0.50	15.00	47.00	1.64	3.09	0.19	5.00	0.73	665.00	0.00	0.01	18.00	570.00	2.00	0.00	10.00	46.00	0.15	0.00	61.00	0.00	13.00	66.00
BH12	2.50	15.00	0.10	5.00	105.00	0.00	0.56	0.50	12.00	35.00	1.48	2.65	0.10	5.00	0.55	405.00	0.00	0.01	17.00	470.00	1.00	0.00	10.00	49.00	0.11	0.00	54.00	0.00	10.00	44.00
BH13	10.00	10.00	0.10	2.50	185.00	0.00	0.41	0.50	10.00	25.00	2.64	2.75	0.06	5.00	0.31	239.00	0.00	0.02	13.00	4160.00	2.00	0.00	10.00	34.00	0.12	0.00	47.00	0.00	10.00	57.00
BH14	2.50	15.00	0.10	5.00	85.00	0.00	0.59	0.50	10.00	31.00	1.00	2.23	0.09	5.00	0.51	302.00	0.00	0.01	13.00	980.00	0.00	0.00	10.00	56.00	0.09	0.00	46.00	0.00	10.00	27.00
BH15	2.50	16.00	0.10	15.00	85.00	0.00	0.63	0.50	14.00	52.00	0.78	4.76	0.06	5.00	0.53	365.00	0.00	0.01	15.00	1230.00	1.00	0.00	10.00	56.00	0.07	0.00	104.00	0.00	10.00	27.00
BH16	10.00	13.00	0.10	5.00	125.00	2.50	0.50	0.50	11.00	37.00	1.54	2.69	0.09	5.00	0.50	397.00	0.00	0.01	15.00	870.00	0.00	0.00	10.00	53.00	0.10	0.00	53.00	0.00	10.00	36.00
BH17	15.00	9.00	0.10	2.50	110.00	0.00	0.54	0.50	10.00	35.00	1.34	2.41	0.11	5.00	0.46	375.00	0.00	0.01	11.00	1030.00	2.00	0.00	10.00	52.00	0.10	0.00	44.00	0.00	9.00	31.00
BH18	5.00	8.00	0.10	2.50	115.00	0.00	0.47	0.50	10.00	35.00	1.38	2.22	0.07	5.00	0.42	242.00	0.00	0.01	12.00	510.00	0.00	0.00	10.00	47.00	0.10	0.00	45.00	0.00	10.00	34.00
BH19	10.00	12.00	0.10	5.00	115.00	2.50	0.49	0.50	12.00	37.00	1.78	2.72	0.12	5.00	0.53	337.00	0.00	0.01	16.00	440.00	0.00	0.00	10.00	50.00	0.14	0.00	54.00	0.00	11.00	40.00
BH20	10.00	11.00	0.10	2.50	105.00	0.00	0.42	0.50	12.00	35.00	1.68	2.66	0.16	5.00	0.53	270.00	0.00	0.01	15.00	550.00	1.00	0.00	10.00	44.00	0.13	0.00	50.00	0.00	11.00	47.00
BH21	15.00	79.00	0.10	10.00	70.00	2.50	1.91	0.50	21.00	43.00	1.62	3.51	0.25	10.00	0.96	582.00	0.00	0.02	22.00	1170.00	6.00	0.00	10.00	75.00	0.14	5.00	74.00	0.00	17.00	49.00
BH22	5.00	47.00	0.10	5.00	105.00	2.50	1.94	0.50	14.00	31.00	1.26	2.59	0.19	5.00	0.74	984.00	0.00	0.01	17.00	890.00	4.00	0.00	10.00	75.00	0.11	0.00	52.00	0.00	13.00	47.00
BH23	5.00	26.00	0.10	5.00	65.00	2.50	0.56	0.50	15.00	37.00	1.62	3.21	0.21	5.00	0.71	340.00	0.00	0.01	17.00	500.00	2.00	0.00	10.00	44.00	0.16	0.00	65.00	0.00	14.00	45.00
BH24	10.00	56.00	0.10	10.00	50.00	2.50	0.62	0.50	17.00	46.00	1.69	3.46	0.16	5.00	0.87	309.00	0.00	0.01	19.00	730.00	2.00	0.00	10.00	46.00	0.14	0.00	77.00	0.00	14.00	36.00
BH25	25.00	7.00	0.10	5.00	100.00	2.50	0.66	0.50	10.00	34.00	1.57	2.61	0.06	5.00	0.40	248.00	0.00	0.01	13.00	830.00	1.00	0.00	10.00	45.00	0.10	0.00	50.00	0.00	9.00	42.00
BH26	2.50	7.00	0.10	0.00	155.00	0.00	0.42	0.50	9.00	28.00	1.64	2.19	0.07	5.00	0.37	188.00	0.00	0.01	15.00	1170.00	0.00	0.00	10.00	46.00	0.09	0.00	40.00	0.00	8.00	38.00
BH27	2.50	8.00	0.10	5.00	125.00	0.00	0.48	0.50	8.00	32.00	1.07	2.23	0.04	5.00	0.39	156.00	0.00	0.01	10.00	1140.00	0.00	0.00	10.00	53.00	0.08	0.00	43.00	0.00	8.00	24.00
BH28	2.50	5.00	0.10	0.00	140.00	0.00	0.35	0.50	9.00	23.00	1.53	2.12	0.08	5.00	0.29	451.00	0.00	0.01	11.00	560.00	0.00	0.00	10.00	37.00	0.10	0.00	45.00	0.00	8.00	41.00
BH29	2.50	9.00	0.10	0.00	140.00	0.00	0.39	0.50	11.00	34.00	1.65	2.62	0.08	5.00	0.42	340.00	0.00	0.01	14.00	1110.00	2.00	0.00	10.00	43.00	0.10	0.00	49.00	0.00	9.00	36.00
BH30	2.50	11.00	0.10	0.00	150.00	0.00	0.41	0.50	11.00	30.00	1.99	2.77	0.06	5.00	0.40	406.00	0.00	0.01	16.00	1310.00	2.00	0.00	10.00	45.00	0.11	0.00	54.00	0.00	9.00	42.00

Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AU	CU	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BI1	2.50	11.00	0.10	0.00	95.00	0.00	0.42	0.50	9.00	29.00	1.21	2.02	0.06	5.00	0.30	174.00	0.00	0.01	12.00	350.00	2.00	0.00	10.00	44.00	0.12	0.00	45.00	0.00	10.00	24.00
BI2	15.00	10.00	0.10	5.00	90.00	2.50	0.48	0.50	10.00	33.00	1.26	2.22	0.06	5.00	0.38	196.00	0.00	0.01	12.00	370.00	2.00	0.00	10.00	48.00	0.13	0.00	48.00	0.00	11.00	27.00
BI3	15.00	189.00	0.40	5.00	130.00	2.50	1.35	0.50	11.00	40.00	1.33	2.38	0.10	10.00	0.40	619.00	0.00	0.02	52.00	870.00	2.00	0.00	10.00	74.00	0.08	5.00	40.00	0.00	15.00	30.00
BI4	10.00	23.00	0.10	10.00	125.00	2.50	1.10	0.50	17.00	50.00	1.29	3.24	0.09	10.00	0.73	388.00	0.00	0.02	26.00	570.00	2.00	0.00	10.00	65.00	0.13	5.00	62.00	0.00	16.00	32.00
BI5	20.00	24.00	0.10	5.00	85.00	2.50	2.78	0.50	13.00	44.00	1.42	2.68	0.23	5.00	0.53	313.00	0.00	0.02	19.00	210.00	1.00	0.00	10.00	61.00	0.12	0.00	50.00	0.00	14.00	21.00
BI6	2.50	34.00	0.10	5.00	80.00	0.00	3.59	0.50	13.00	54.00	1.26	2.63	0.20	5.00	0.66	302.00	0.00	0.02	22.00	300.00	1.00	0.00	10.00	77.00	0.12	0.00	51.00	0.00	14.00	27.00
BI7	5.00	45.00	0.10	5.00	85.00	2.50	1.61	0.50	17.00	48.00	1.71	3.22	0.27	10.00	0.95	420.00	0.00	0.02	31.00	870.00	4.00	0.00	10.00	53.00	0.13	5.00	55.00	0.00	18.00	52.00
BI8	10.00	65.00	0.10	10.00	135.00	2.50	0.90	0.50	26.00	64.00	2.28	4.51	0.27	10.00	1.36	821.00	1.00	0.02	27.00	1000.00	32.00	0.00	10.00	65.00	0.16	5.00	93.00	0.00	16.00	71.00
BI9	2.50	24.00	0.20	5.00	155.00	0.00	0.69	0.50	21.00	61.00	2.10	3.47	0.25	10.00	1.05	636.00	0.00	0.02	28.00	2070.00	4.00	0.00	10.00	51.00	0.13	5.00	63.00	0.00	13.00	92.00
BI10	40.00	35.00	0.10	10.00	140.00	2.50	0.93	0.50	13.00	39.00	1.38	2.86	0.09	10.00	0.70	457.00	1.00	0.01	19.00	900.00	2.00	0.00	10.00	72.00	0.09	5.00	59.00	0.00	13.00	41.00
BI11	10.00	25.00	0.10	5.00	80.00	2.50	0.65	0.50	17.00	39.00	1.85	3.39	0.16	5.00	0.80	407.00	0.00	0.01	17.00	1380.00	2.00	0.00	10.00	50.00	0.14	0.00	65.00	0.00	13.00	71.00
BI12	2.50	33.00	0.10	5.00	110.00	0.00	0.67	0.50	17.00	39.00	1.72	3.26	0.16	5.00	0.78	785.00	0.00	0.02	18.00	960.00	4.00	0.00	10.00	50.00	0.14	0.00	67.00	0.00	13.00	76.00
BI13	20.00	55.00	0.10	10.00	60.00	2.50	0.80	0.50	20.00	42.00	1.60	3.79	0.23	10.00	0.92	594.00	0.00	0.02	21.00	1210.00	4.00	0.00	10.00	50.00	0.15	5.00	77.00	0.00	18.00	49.00
BI14	5.00	27.00	0.20	5.00	240.00	2.50	0.57	0.50	16.00	36.00	2.11	3.02	0.15	5.00	0.65	714.00	0.00	0.02	20.00	2780.00	4.00	0.00	10.00	45.00	0.12	0.00	56.00	0.00	11.00	93.00
BI15	15.00	49.00	0.10	10.00	65.00	2.50	0.77	0.50	18.00	39.00	1.61	3.46	0.20	10.00	0.89	551.00	0.00	0.02	19.00	950.00	4.00	0.00	10.00	51.00	0.15	5.00	72.00	0.00	17.00	48.00
BI16	10.00	74.00	0.10	10.00	80.00	2.50	1.02	0.50	22.00	45.00	1.96	3.94	0.28	10.00	0.93	567.00	0.00	0.02	26.00	880.00	6.00	0.00	10.00	55.00	0.16	5.00	79.00	0.00	21.00	53.00
BI17	2.50	27.00	0.10	0.00	120.00	0.00	0.57	0.50	13.00	37.00	2.09	2.92	0.09	5.00	0.54	239.00	0.00	0.02	20.00	940.00	2.00	0.00	10.00	59.00	0.13	0.00	59.00	0.00	12.00	42.00
BI18	2.50	19.00	0.20	0.00	160.00	0.00	0.44	0.50	13.00	27.00	2.36	2.81	0.09	5.00	0.50	382.00	0.00	0.01	15.00	1910.00	2.00	0.00	10.00	46.00	0.12	0.00	54.00	0.00	10.00	63.00
BI19	2.50	11.00	0.40	0.00	130.00	0.00	0.33	0.50	12.00	20.00	3.70	2.47	0.06	5.00	0.26	243.00	1.00	0.02	19.00	2100.00	4.00	0.00	10.00	29.00	0.15	0.00	41.00	0.00	11.00	36.00
BI20	5.00	10.00	0.10	2.50	110.00	0.00	0.48	0.50	11.00	35.00	1.67	2.51	0.07	5.00	0.48	213.00	0.00	0.01	15.00	960.00	2.00	0.00	10.00	50.00	0.12	0.00	50.00	0.00	11.00	35.00
BI21	2.50	18.00	0.20	0.00	165.00	0.00	0.38	0.50	13.00	21.00	2.79	2.83	0.08	5.00	0.32	178.00	0.00	0.02	18.00	2490.00	6.00	0.00	10.00	34.00	0.15	0.00	47.00	0.00	11.00	49.00
BI22	2.50	7.00	0.20	0.00	225.00	0.00	0.25	0.50	8.00	16.00	1.60	1.76	0.07	5.00	0.23	346.00	0.00	0.02	11.00	2360.00	4.00	0.00	10.00	31.00	0.09	0.00	36.00	0.00	7.00	60.00
BI23	2.50	5.00	0.10	0.00	130.00	0.00	0.25	0.50	8.00	11.00	0.83	1.67	0.05	5.00	0.16	462.00	0.00	0.02	7.00	680.00	2.00	0.00	10.00	24.00	0.11	0.00	47.00	0.00	8.00	42.00
BI24	2.50	7.00	0.40	0.00	185.00	0.00	0.32	0.50	9.00	13.00	2.38	1.89	0.06	5.00	0.18	572.00	0.00	0.02	9.00	3160.00	4.00	0.00	10.00	30.00	0.12	0.00	33.00	0.00	9.00	59.00
BI25	2.50	20.00	0.10	0.00	210.00	0.00	0.41	0.50	12.00	23.00	1.95	2.38	0.07	5.00	0.43	746.00	0.00	0.02	15.00	1640.00	2.00	0.00	10.00	44.00	0.11	0.00	47.00	0.00	9.00	83.00
BI26	2.50	15.00	0.20	0.00	150.00	0.00	0.41	0.50	11.00	18.00	2.11	2.05	0.08	5.00	0.37	369.00	0.00	0.02	17.00	1080.00	2.00	0.00	10.00	39.00	0.12	0.00	41.00	0.00	10.00	67.00
BI27	10.00	28.00	0.10	5.00	165.00	2.50	0.55	0.50	13.00	29.00	2.01	2.84	0.09	5.00	0.67	301.00	0.00	0.01	15.00	870.00	2.00	0.00	10.00	52.00	0.14	0.00	57.00	0.00	13.00	48.00
BI28	2.50	35.00	0.10	5.00	135.00	0.00	0.53	0.50	12.00	21.00	2.88	2.77	0.09	5.00	0.46	306.00	0.00	0.02	18.00	1720.00	4.00	0.00	10.00	46.00	0.13	0.00	46.00	0.00	13.00	43.00
BI29	2.50	74.00	0.60	0.00	175.00	0.00	0.56	0.50	11.00	21.00	3.23	2.71	0.15	10.00	0.45	306.00	0.00	0.02	25.00	1220.00	8.00	0.00	10.00	48.00	0.14	5.00	42.00	0.00	18.00	81.00
BI30	2.50	22.00	0.20	0.00	165.00	0.00	0.38	0.50	12.00	20.00	2.46	2.69	0.07	5.00	0.49	245.00	0.00	0.02	16.00	1440.00	2.00	0.00	10.00	43.00	0.12	0.00	50.00	0.00	10.00	43.00
BJ1	5.00	53.00	0.10	10.00	80.00	2.50	0.63	0.50	23.00	92.00	2.00	4.13	0.29	5.00	1.28	675.00	0.00	0.02	44.00	500.00	4.00	0.00	10.00	51.00	0.17	0.00	82.00	0.00	16.00	55.00
BJ2	25.00	66.00	0.10	10.00	80.00	2.50	0.62	0.50	25.00	99.00	2.03	4.39	0.31	5.00	1.40	514.00	0.00	0.02	51.00	530.00	4.00	0.00	10.00	48.00	0.17	0.00	86.00	0.00	15.00	59.00
BJ3	5.00	120.00	0.20	5.00	155.00	2.50	0.95	0.50	21.00	77.00	1.82	3.65	0.18	10.00	0.94	910.00	0.00	0.02	56.00	540.00	4.00	0.00	10.00	65.00	0.16	5.00	67.00	0.00	14.00	46.00
BJ4	10.00	51.00	0.10	10.00	70.00	2.50	0.48	0.50	20.00	57.00	1.58	3.56	0.32	10.00	0.92	361.00	0.00	0.01	38.00	630.00	4.00	0.00	10.00	40.00	0.15	5.00	67.00	0.00	9.00	107.00
BJ5	2.50	12.00	0.20	0.00	215.00	0.00	0.62	0.50	14.00	45.00	2.08	2.40	0.12	5.00	0.42	681.00	0.00	0.02	37.00	3890.00	2.00	0.00	10.00	49.00	0.11	0.00	36.00	0.00	9.00	66.00
BJ6	2.50	27.00	0.10	5.00	155.00	0.00	0.50	0.50	18.00	57.00	2.06	3.37	0.19	10.00	0.90	417.00	0.00	0.02	32.00	2370.00	4.00	0.00	10.00	50.00	0.13	5.00	54.00	0.00	12.00	77.00
BJ7	2.50	25.00	0.10	5.00	140.00	0.00	0.42	0.50	17.00	51.00	1.75	3.09	0.15	5.00	0.69	601.00	0.00	0.02	24.00	2210.00	4.00	0.00	10.00	36.00	0.12	0.00	59.00	0.00	11.00	46.00
BJ8	10.00	51.00	0.10	5.00	125.00	2.50	0.73	0.50	18.00	56.00	1.72	3.30	0.17	10.00	0.95	629.00	0.00	0.02	29.00	900.00	10.00	0.00	10.00	55.00	0.11	5.00	62.00	0.00	16.00	58.00
BJ9	10.00	32.00	0.10	5.00	125.00	2.50	0.74	0.50	19.00	46.00	1.70	3.50	0.20	5.00	0.78	613.00	0.00	0.02	18.00	1320.00	4.00	0.00	10.00	61.00	0.15	0.00	72.00	0.00	14.00	58.00
BJ10	5.00	17.00	0.10	5.00	120.00	2.50	0.50	0.50	14.00	32.00	1.63	2.71	0.15	5.00	0.51	559.00	0.00	0.02	16.00	1250.00	2.00	0.00	10.00	45.00	0.13	0.00	57.00	0.00	12.00	64.00
BJ11	5.00	28.00	0.10	5.00	40.00	2.50	0.64	0.50	16.00	42.00	1.63	3.10	0.19	5.00	0.66	352.00	0.00	0.01	17.00	430.00	4.00	0.00	10.00	51.00	0.18	0.00	68.00	0.00	16.00	42.00
BJ12	10.00	37.00	0.10	5.00	125.00	2.50	0.76	0.50	17.00	43.00	1.96	3.73	0.26	5.00	0.74	612.00	0.00	0.01	19.00	710.00	4.00	0.00	10.00	59.00	0.15	0.00	74.00	0.00	16.00	57.00
BJ13	20.00	85.00	0.10	10.00	75.00	2.50	0.88	0.50	21.00	60.00	2.32	4.33	0.41	10.00	1.11	615.00	0.00	0.01	28.00	680.00	4.00	0.00	10.00	64.00	0.18	5.00	91.00	0.00	24.00	52.00
BJ14	5.00	37.00	0.10	2.50	115.00	0.00	0.62	0.50	16.00	38.00	2.18	3.51	0.28	10.00	0.77	425.00	0.00	0.01	17.00	530.00	4.00	0.00	10.00	58.00	0.17	5.00	70.00	0.00	17.00	58.00
BJ15	2.50	0.00	0.10	0.00	0.00	0.00	0.01	0.50	0.00	0.00	0.01	0.02	0.00	5.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00	10.00	1.00	0.00	0.00	0.00	0.00	0.00	0.00
BJ16	30.00	43.00	0.10	10.00	40.00	2.50	0.66	0.50	15.00	29.00	1.50	3.25	0.17	5.00	0.79	335.00	0.00	0.01	12.00	400.00	0.00	0.00	10.00	50.00	0.16	0.00	72.00	0.00	15.00	34.00
BJ17	2.50	12.00	0.10	0.00	185.00	0.00	0.39	0.50	11.00	17.00	2.00	2.21	0.08	5.00	0.32	464.00	0.00	0.02	14.00	2320.00	4.00	0.00	10.00	36.00	0.11	0.00	43.00	0.00	9.00	64.00
BJ18	5.00	18.00	0.10	5.00	225.00	2.50	0.34	0.50	10.00	16.00	2.04	2.07	0.05	5.00	0.29	560.00	0.00	0.02	11.00	920.00	4.00	0.00	10.00	30.00	0.13	0.00	44.00	0.00	11.00	43.00
BJ19	2.50	13.00	0.20	0.00	245.00	0.00	0.37	0.50	9.00	13.00	2.91	2.26	0.06	5.00	0.22	211.00	0.00	0.02	11.00	5550.00	6.00	0.00	10.00	31.00	0.14	0.00	32.00	0.00	11.00	57.00
BJ20	2.50	20.00	0.20	0.00	190.00	0.00	0.65	0.50	15.00	20.00	3.25	2.94	0.07	5.00	0.54	241.00	1.00	0.02	17.00	1380.00	8.00	0.00	10.00	56.00	0.16	0.00	53.00	0.00	13.00	56.00
BJ21	2.50	24.00	0.20	0.00	155.00	0.00	0.44	0.50	14.00	19.00	2.63	2.78	0.07	5.00	0.55	396.00	0.00	0.02	12.00	2130.00	4.00	0.00	10.00	41.00	0.12	0.00	48.00	0.00	11.00	76.00
BJ22	2.50	13.00	0.40	0.00	145.00	0.00	0.32	0.50	8.00	11.00	1.48	1.72	0.07	5.00	0.25	308.00	0.00	0.02	7.00	1540.00	2.00	0.00	10.00	33.00	0.10	0.00	37.00	0.00	8.00	74.00
BJ23	5.00	13.00	0.10	2.50	125.00	0.00	0.42	0.50	10.00	12.00	1.89	2.01	0.08	5.00	0.30	454.00	0.00	0.02	9.00	590.00	4.00	0.00	10.00	36.00	0.13	0.00	45.00	0.00	10.00	35.00
BJ24	2.50	29.00	0.20	0.00	155.00	0.00	0.36	0.50	11.00	15.00	2.84	2.35	0.07	5.00	0.30	247.00	0.00	0.02	13.00	580.00	6.00	0.00	10.00	37.00	0.17	0.00	47.00	0.00	13.00	49.00
BJ25	2.50	71.00	0.20	0.00	135.00	0.00	0.64	0.50	11.00	17.00	2.26	2.53	0.07	5.00	0.46	326.00	0.00	0.02	11.00	800.00	8.00	0.00	10.00	44.00	0.13	0.00	52.00	0.00	12.00	70.00
BJ26	2.50	11.00	0.20	0.00	125.00	0.00	0.31	0.50	10.00	14.00	1.94	2.18	0.06	5.00	0.30	224.00	0.00	0.02	8.00	2810.00	4.00	0.00	10.00	36.00	0.12	0.00	43.00	0.00	9.00	61.00
BJ28	2.50	18.00	0.10	0.00	140.00	0.00	0.55	0.50	13.00	17.00	1.89	2.63	0.07	5.00	0.66	398.00	0.00	0.02	9.00	590.00	2.00	0.00	10.00	63.00	0.15	0.00	58.00	0.00	14.00	58.00
BJ29	2.50	15.00	0.10	0.00	180.00	0.00	0.38	0.50	11.00	16.00	2.02	2.19	0.07	5.00	0.37	444.00	0.00	0.02	11.00	1290.00	4.00	0.00	10.00	46.00	0.12	0.00	46.00	0.00	10.00	63.00
BJ30	2.50	17.00	0.10	0.00	130.00	0.00	0.44	0.50	13.00	16.00	2.22	2.52	0.08	5.00	0.51	264.00	0.00	0.02	14.00	370.00	4.00	0.00	10.00	46.00	0.16	0.00	53.00	0.00	14.00	43.00
BJ31	2.50	15.00	0.10	0.00	90.00	0.00	0.47	0.50	12.00	16.00	1.71	2.42	0.05	5.00	0.46	232.00	0.00	0.01	11.00	940.00	2.00	0.00	10.00	41.00	0.12	0.00	52.00	0.00	11.00	48.00

Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AU	CU	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BG1	2.50	27.00	0.10	5.00	80.00	0.00	0.63	0.50	18.00	53.00	1.46	2.91	0.10	10.00	0.98	524.00	0.00	0.01	28.00	970.00	2.00	0.00	10.00	37.00	0.14	5.00	54.00	0.00	16.00	47.00
BG2	2.50	27.00	0.10	5.00	100.00	0.00	0.69	0.50	18.00	53.00	1.48	2.92	0.21	10.00	0.91	956.00	0.00	0.01	29.00	1050.00	2.00	0.00	10.00	42.00	0.13	5.00	53.00	0.00	15.00	49.00
BG3	2.50	10.00	0.10	0.00	225.00	0.00	0.84	0.50	13.00	33.00	1.62	2.35	0.08	5.00	0.36	369.00	0.00	0.01	24.00	3390.00	2.00	0.00	10.00	61.00	0.09	0.00	36.00	0.00	8.00	47.00
BG4	4.00	27.00	0.10	5.00	160.00	2.50	0.47	0.50	20.00	76.00	1.72	3.14	0.07	10.00	0.72	278.00	0.00	0.01	61.00	2010.00	2.00	0.00	10.00	38.00	0.12	5.00	55.00	0.00	11.00	41.00
BG5	2.50	19.00	0.10	5.00	115.00	0.00	0.54	0.50	25.00	76.00	1.89	3.17	0.12	5.00	0.56	281.00	0.00	0.01	54.00	2020.00	2.00	0.00	10.00	37.00	0.12	0.00	62.00	0.00	10.00	37.00
BG6	2.50	19.00	0.10	5.00	100.00	0.00	0.44	0.50	16.00	76.00	1.72	3.08	0.08	10.00	0.68	278.00	0.00	0.01	38.00	820.00	2.00	0.00	10.00	40.00	0.13	5.00	60.00	0.00	12.00	39.00
BG7	5.00	20.00	0.10	10.00	95.00	2.50	0.47	0.50	18.00	76.00	1.64	3.23	0.08	10.00	0.63	244.00	0.00	0.01	40.00	1120.00	2.00	0.00	10.00	39.00	0.11	5.00	59.00	0.00	10.00	53.00
BG8	2.50	21.00	0.10	5.00	150.00	0.00	0.36	0.50	18.00	76.00	1.86	2.83	0.12	5.00	0.65	558.00	0.00	0.01	50.00	1200.00	4.00	0.00	10.00	31.00	0.12	0.00	52.00	0.00	11.00	46.00
BG9	5.00	29.00	0.10	5.00	80.00	2.50	0.43	0.50	17.00	76.00	1.51	2.72	0.23	10.00	0.72	365.00	0.00	0.01	41.00	950.00	2.00	0.00	10.00	28.00	0.12	5.00	46.00	0.00	14.00	54.00
BG10	2.50	39.00	0.10	5.00	125.00	0.00	0.48	0.50	19.00	76.00	1.95	3.60	0.35	10.00	0.91	499.00	0.00	0.01	29.00	800.00	4.00	0.00	10.00	38.00	0.15	5.00	62.00	0.00	16.00	60.00
BG11	2.50	32.00	0.10	5.00	110.00	0.00	0.57	0.50	20.00	76.00	1.78	3.48	0.22	10.00	1.14	524.00	0.00	0.01	35.00	1040.00	4.00	0.00	10.00	44.00	0.15	5.00	65.00	0.00	15.00	54.00
BG12	2.50	37.00	0.10	5.00	105.00	0.00	0.61	0.50	20.00	76.00	1.94	3.54	0.25	10.00	1.11	449.00	0.00	0.01	37.00	990.00	4.00	0.00	10.00	43.00	0.16	5.00	67.00	0.00	16.00	61.00
BG13	2.50	30.00	0.10	5.00	155.00	0.00	0.59	0.50	18.00	76.00	1.93	3.54	0.15	10.00	0.92	418.00	1.00	0.01	27.00	2300.00	6.00	0.00	10.00	49.00	0.14	5.00	66.00	0.00	13.00	67.00
BG14	5.00	32.00	0.10	5.00	155.00	2.50	0.66	0.50	18.00	76.00	1.66	3.54	0.14	10.00	0.91	582.00	1.00	0.01	21.00	1190.00	4.00	5.00	10.00	48.00	0.14	5.00	77.00	0.00	13.00	73.00
BG15	15.00	48.00	0.10	5.00	110.00	2.50	1.00	0.50	19.00	76.00	1.36	3.54	0.21	10.00	0.89	516.00	0.00	0.01	25.00	1330.00	4.00	0.00	10.00	59.00	0.11	5.00	63.00	0.00	14.00	51.00
BG16	10.00	65.00	0.10	15.00	185.00	2.50	1.25	0.50	17.00	76.00	1.76	3.54	0.15	10.00	0.90	1010.00	1.00	0.01	27.00	1040.00	4.00	0.00	10.00	87.00	0.08	5.00	60.00	0.00	17.00	57.00
BG17	5.00	31.00	0.10	10.00	195.00	2.50	0.53	0.50	18.00	76.00	1.77	3.54	0.16	10.00	0.89	544.00	0.00	0.01	30.00	2070.00	4.00	5.00	10.00	42.00	0.11	5.00	57.00	0.00	10.00	98.00
BG18	2.50	23.00	0.10	5.00	215.00	0.00	0.44	0.50	18.00	76.00	2.52	3.54	0.19	10.00	0.69	558.00	0.00	0.01	30.00	2960.00	4.00	0.00	10.00	32.00	0.12	5.00	52.00	0.00	11.00	114.00
BG19	2.50	38.00	0.10	5.00	210.00	0.00	1.36	0.50	17.00	76.00	1.49	3.54	0.23	10.00	0.85	1045.00	0.00	0.01	25.00	1250.00	4.00	0.00	10.00	62.00	0.11	5.00	58.00	0.00	12.00	73.00
BG20	15.00	46.00	0.10	10.00	105.00	2.50	0.54	0.50	18.00	76.00	1.53	3.54	0.21	10.00	0.83	447.00	1.00	0.01	17.00	670.00	6.00	0.00	10.00	43.00	0.12	5.00	64.00	0.00	13.00	48.00
BG21	30.00	70.00	0.10	10.00	100.00	2.50	0.68	0.50	18.00	53.00	1.76	3.83	0.37	10.00	0.98	501.00	0.00	0.01	23.00	980.00	6.00	0.00	10.00	48.00	0.13	5.00	67.00	0.00	18.00	50.00
BG22	5.00	29.00	0.10	5.00	205.00	2.50	1.00	0.50	16.00	49.00	1.43	2.98	0.25	10.00	0.75	1497.00	0.00	0.01	22.00	690.00	4.00	0.00	10.00	56.00	0.12	5.00	54.00	0.00	13.00	66.00
BG23	2.50	17.00	0.10	5.00	75.00	0.00	0.50	0.50	14.00	47.00	1.34	2.86	0.21	10.00	0.68	341.00	0.00	0.01	18.00	520.00	4.00	0.00	10.00	41.00	0.13	5.00	53.00	0.00	13.00	40.00
BG24	2.50	53.00	0.10	10.00	115.00	0.00	1.05	0.50	18.00	43.00	1.56	3.14	0.22	10.00	0.86	666.00	0.00	0.01	24.00	1140.00	4.00	0.00	10.00	52.00	0.12	5.00	61.00	0.00	16.00	54.00
BG25	25.00	18.00	0.10	10.00	130.00	2.50	0.49	0.50	16.00	36.00	2.23	3.15	0.11	10.00	0.65	529.00	0.00	0.01	21.00	2560.00	2.00	0.00	10.00	37.00	0.12	5.00	58.00	0.00	11.00	77.00
BG26	2.50	25.00	0.10	5.00	85.00	0.00	0.46	0.50	16.00	37.00	2.01	2.98	0.11	10.00	0.59	393.00	0.00	0.01	20.00	1370.00	2.00	0.00	10.00	35.00	0.12	5.00	59.00	0.00	11.00	71.00
BG27	2.50	37.00	0.20	10.00	115.00	0.00	0.55	0.50	16.00	39.00	1.50	3.29	0.12	10.00	0.63	810.00	0.00	0.01	15.00	1220.00	4.00	0.00	10.00	44.00	0.11	5.00	65.00	0.00	11.00	70.00
BG28	35.00	30.00	0.10	10.00	140.00	2.50	0.61	0.50	16.00	47.00	1.81	3.29	0.30	10.00	0.80	678.00	0.00	0.01	23.00	670.00	4.00	0.00	10.00	54.00	0.14	5.00	60.00	0.00	16.00	61.00
BG29	2.50	46.00	0.20	10.00	130.00	0.00	1.56	0.50	17.00	49.00	1.74	3.20	0.33	10.00	0.87	798.00	0.00	0.01	24.00	810.00	4.00	0.00	10.00	77.00	0.12	5.00	62.00	0.00	16.00	57.00
BG30	2.50	18.00	0.10	10.00	85.00	0.00	0.58	0.50	15.00	46.00	1.50	3.37	0.14	10.00	0.92	517.00	1.00	0.01	17.00	910.00	4.00	0.00	10.00	50.00	0.13	5.00	63.00	0.00	14.00	63.00
BG31	2.50	16.00	0.10	10.00	70.00	0.00	0.59	0.50	15.00	39.00	1.47	3.18	0.12	10.00	0.83	380.00	0.00	0.01	15.00	720.00	2.00	0.00	10.00	47.00	0.13	5.00	64.00	0.00	14.00	52.00
BG32	2.50	42.00	0.10	10.00	145.00	0.00	0.66	0.50	17.00	48.00	1.60	3.03	0.23	10.00	0.84	897.00	0.00	0.01	22.00	930.00	4.00	0.00	10.00	52.00	0.13	5.00	69.00	0.00	14.00	69.00
BF1	2.50	38.00	0.10	5.00	100.00	0.00	0.50	0.50	21.00	93.00	1.89	3.22	0.09	10.00	1.09	299.00	0.00	0.01	78.00	840.00	0.00	0.00	10.00	43.00	0.14	5.00	64.00	0.00	12.00	52.00
BF2	2.50	19.00	0.20	5.00	145.00	0.00	0.45	0.50	14.00	25.00	2.63	2.22	0.08	5.00	0.36	467.00	0.00	0.01	46.00	2980.00	4.00	0.00	10.00	32.00	0.12	0.00	37.00	0.00	11.00	77.00
BF3	2.50	20.00	0.10	5.00	170.00	0.00	0.58	0.50	15.00	41.00	1.91	2.82	0.13	10.00	0.71	406.00	0.00	0.01	38.00	1690.00	2.00	0.00	10.00	52.00	0.12	5.00	52.00	0.00	10.00	50.00
BF4	5.00	19.00	0.10	5.00	100.00	2.50	0.57	0.50	15.00	27.00	3.05	2.62	0.06	5.00	0.39	203.00	0.00	0.01	45.00	2680.00	4.00	0.00	10.00	43.00	0.13	0.00	43.00	0.00	12.00	43.00
BF5	2.50	22.00	0.10	5.00	145.00	0.00	0.39	0.50	16.00	43.00	2.24	3.06	0.09	10.00	0.56	221.00	0.00	0.01	51.00	1370.00	2.00	0.00	10.00	36.00	0.13	5.00	57.00	0.00	11.00	43.00
BF6	2.50	22.00	0.10	5.00	135.00	0.00	0.38	0.50	14.00	36.00	1.95	2.76	0.08	10.00	0.51	250.00	0.00	0.01	48.00	1560.00	2.00	0.00	10.00	36.00	0.11	5.00	48.00	0.00	11.00	48.00
BF7	5.00	14.00	0.10	5.00	165.00	2.50	0.37	0.50	14.00	38.00	1.95	2.74	0.05	10.00	0.46	260.00	0.00	0.01	35.00	2770.00	2.00	0.00	10.00	33.00	0.10	5.00	45.00	0.00	9.00	46.00
BF8	2.50	14.00	0.20	5.00	215.00	0.00	0.49	0.50	15.00	36.00	2.20	2.66	0.11	10.00	0.52	997.00	0.00	0.01	31.00	3230.00	2.00	0.00	10.00	44.00	0.09	5.00	43.00	0.00	8.00	50.00
BF9	2.50	14.00	0.10	10.00	120.00	0.00	0.36	0.50	12.00	38.00	1.73	2.68	0.05	10.00	0.50	254.00	0.00	0.01	23.00	1560.00	2.00	0.00	10.00	38.00	0.09	5.00	49.00	0.00	9.00	40.00
BF10	10.00	12.00	0.10	5.00	65.00	2.50	0.30	0.50	12.00	31.00	1.62	2.42	0.04	10.00	0.35	330.00	0.00	0.01	22.00	820.00	2.00	0.00	10.00	28.00	0.10	5.00	46.00	0.00	10.00	31.00
BF11	35.00	63.00	0.10	5.00	80.00	2.50	0.71	0.50	20.00	68.00	1.59	3.67	0.26	10.00	1.18	507.00	0.00	0.01	35.00	820.00	4.00	0.00	10.00	52.00	0.14	5.00	69.00	0.00	17.00	49.00
BF12	5.00	44.00	0.10	5.00	80.00	2.50	0.54	0.50	17.00	50.00	1.68	3.49	0.27	10.00	0.94	372.00	1.00	0.01	26.00	450.00	6.00	0.00	10.00	45.00	0.15	5.00	66.00	0.00	16.00	44.00
BF13	2.50	48.00	0.10	5.00	115.00	0.00	0.55	0.50	19.00	64.00	1.81	3.59	0.24	10.00	1.08	623.00	0.00	0.01	30.00	860.00	4.00	0.00	10.00	42.00	0.15	5.00	71.00	0.00	16.00	61.00
BF14	10.00	31.00	0.10	10.00	300.00	2.50	0.55	0.50	20.00	34.00	1.80	4.28	0.19	10.00	1.04	916.00	1.00	0.01	16.00	2040.00	4.00	5.00	10.00	44.00	0.10	5.00	63.00	0.00	11.00	105.00
BF15	15.00	24.00	0.10	5.00	305.00	2.50	0.47	0.50	16.00	28.00	1.88	3.55	0.12	10.00	0.67	728.00	1.00	0.01	13.00	2670.00	6.00	0.00	10.00	38.00	0.09	5.00	58.00	0.00	9.00	107.00
BF16	5.00	39.00	0.10	10.00	115.00	2.50	0.40	0.50	18.00	39.00	1.97	3.81	0.12	10.00	0.87	353.00	2.00	0.01	25.00	1460.00	6.00	0.00	10.00	27.00	0.11	5.00	56.00	0.00	12.00	54.00
BF17	2.50	43.00	0.10	10.00	180.00	0.00	0.59	0.50	19.00	43.00	1.53	3.88	0.10	10.00	0.89	668.00	1.00	0.01	18.00	1770.00	4.00	0.00	10.00	51.00	0.09	5.00	66.00	0.00	11.00	61.00
BF18	2.50	42.00	0.10	15.00	155.00	0.00	0.67	0.50	15.00	41.00	1.03	4.06	0.08	10.00	0.71	564.00	1.00	0.01	17.00	1050.00	0.00	0.00	10.00	52.00	0.08	5.00	75.00	0.00	12.00	35.00
BF19	2.50	36.00	0.10	10.00	160.00	0.00	0.45	0.50	16.00	39.00	1.70	3.66	0.08	10.00	0.81	383.00	1.00	0.01	16.00	2110.00	4.00	0.00	10.00	41.00	0.08	5.00	62.00	0.00	9.00	55.00
BF20	45.00	21.00	0.10	10.00	220.00	2.50	0.44	0.50	15.00	33.00	2.08	3.08	0.06	10.00	0.51	206.00	1.00	0.01	22.00	1780.00	2.00	0.00	10.00	44.00	0.10	5.00	53.00	0.00	9.00	59.00
BF21	2.50	14.00	0.10	5.00	195.00	0.00	0.33	0.50	15.00	38.00	2.09	2.62	0.08	10.00	0.53	483.00	0.00	0.01	29.00	2590.00	2.00	0.00	10.00	33.00	0.10	5.00	44.00	0.00	9.00	108.00
BF22	2.50	10.00	0.10	5.00	135.00	5.00	0.24	0.50	11.00	29.00	3.21	2.68	0.04	5.00	0.29	332.00	0.00	0.01	17.00	2920.00	4.00	0.00	10.00	23.00	0.12	0.00	46.00	0.00	11.00	52.00
BF23	2.50	10.00	0.10	10.00	160.00	0.00	0.21	0.50	12.00	22.00	3.71	2.90	0.04	5.00	0.29	260.00	0.00	0.01	15.00	3680.00	4.00	0.00	10.00	20.00	0.13	0.00	46.00	0.00	12.00	67.00
BF24	5.00	19.00	0.10	5.00	70.00	5.00	0.53	0.50	14.00	40.00	1.37	2.78	0.10	10.00	0.70	365.00	0.00	0.01	19.00	410.00	2.00	2.50	10.00	43.00	0.14	5.00	60.00	0.00	14.00	42.00
BF25	5.00	45.00	0.10	10.00	200.00	2.50	1.26	0.50	21.00	48.00	1.80	3.75	0.12	20.00	1.07	568.00	0.00	0.01	26.00	920.00	4.00	5.00	10.00	96.00	0.13	5.00	68.00	0.00	17.00	48.00
BF26	65.00	76.00	0.10	10.00	215.00	2.50	1.05	0.50	20.00	44.00	1.76	3.73	0.15	20.00	1.01	758.00	1.00	0.01	25.00	870.00	4.00	0.00	10.00	86.00	0.13	5.00	65.00	0.00	12.00	40.00
BF27	15.00	33.00	0.10	10.00	65.00	2.50	0.48	0.50	16.00	36.00	1.42	3.33	0.12	10.00	0.82	311.00	0.00	0.01	18.00	660.00	2.00	0.00	10.00	38.00	0.13	5.00	48.00	0.00	9.00	46.00
BF28	2.50	33.00	0.10	10.00	340.00	0.00	0.40	0.50	13.00	26.00	1.78	3.09	0.09	10.00	0.46	313.00	1.00	0.01	16.00	720.00	2.00	0.00	10.00	40.00	0.08	5.00	48.00	0.00	9.00	46.00

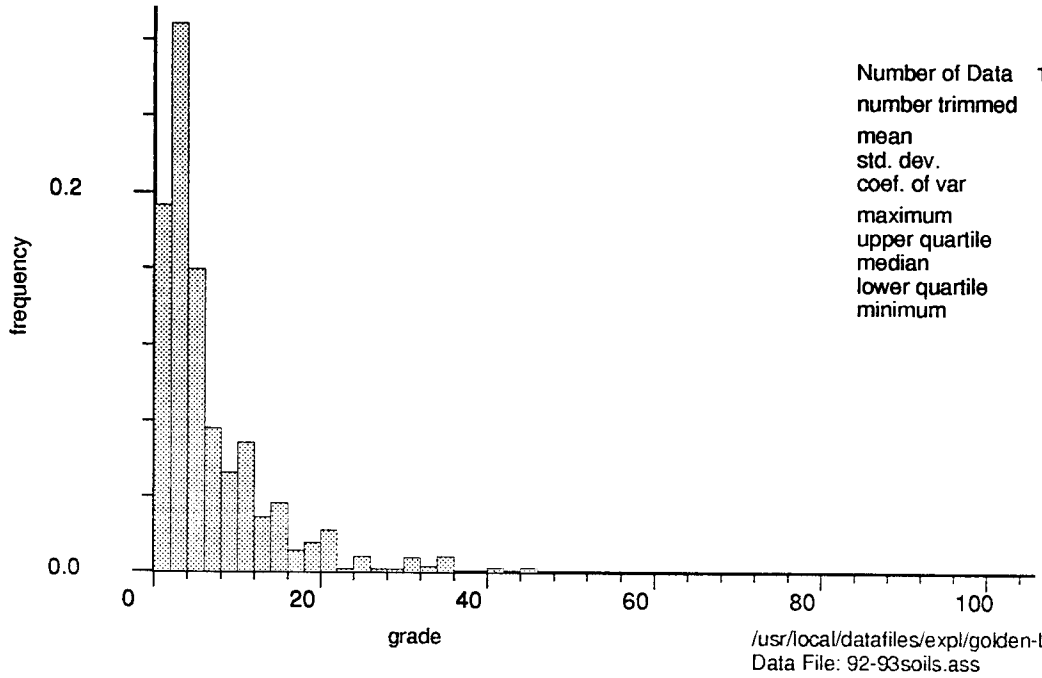
Golden Loon Project Soil Geochemistry- 1993 Samples, January 15, 1993

SAMP	AU	CU	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
BJ32	2.50	14.00	0.10	5.00	55.00	0.00	0.52	0.50	12.00	16.00	1.56	2.70	0.05	5.00	0.58	265.00	0.00	0.01	8.00	360.00	2.00	0.00	10.00	48.00	0.15	0.00	60.00	0.00	14.00	35.00
BK1	35.00	47.00	0.10	10.00	200.00	2.50	0.67	0.50	19.00	36.00	2.14	3.96	0.16	10.00	0.77	491.00	1.00	0.02	19.00	590.00	12.00	0.00	10.00	49.00	0.13	5.00	69.00	0.00	13.00	59.00
BK2	20.00	46.00	0.10	5.00	205.00	2.50	0.67	0.50	19.00	35.00	2.19	3.98	0.16	10.00	0.76	487.00	1.00	0.02	19.00	630.00	14.00	0.00	10.00	48.00	0.13	5.00	69.00	0.00	13.00	56.00
BK3	10.00	75.00	0.10	10.00	90.00	2.50	0.91	0.50	20.00	48.00	1.90	4.00	0.36	10.00	1.07	541.00	0.00	0.02	25.00	810.00	6.00	0.00	10.00	59.00	0.16	5.00	78.00	0.00	19.00	54.00
BK4	2.50	16.00	0.20	5.00	100.00	0.00	0.42	0.50	14.00	27.00	2.18	2.59	0.16	5.00	0.56	482.00	0.00	0.02	20.00	1340.00	4.00	0.00	10.00	35.00	0.12	0.00	47.00	0.00	12.00	92.00
BK5	2.50	32.00	0.10	5.00	120.00	0.00	0.68	0.50	20.00	49.00	1.91	3.51	0.21	10.00	1.02	942.00	1.00	0.01	22.00	1150.00	4.00	0.00	10.00	57.00	0.14	5.00	68.00	0.00	14.00	79.00
BK6	2.50	53.00	0.10	5.00	160.00	0.00	1.12	0.50	14.00	37.00	1.49	2.99	0.09	10.00	0.85	343.00	1.00	0.02	20.00	790.00	2.00	0.00	10.00	78.00	0.09	5.00	56.00	0.00	15.00	39.00
BK7	5.00	57.00	0.10	15.00	135.00	2.50	0.93	0.50	24.00	44.00	2.08	4.17	0.23	10.00	0.94	784.00	0.00	0.02	18.00	1820.00	6.00	0.00	10.00	70.00	0.15	5.00	82.00	0.00	16.00	88.00
BK8	10.00	65.00	0.10	10.00	85.00	2.50	1.01	0.50	21.00	38.00	1.64	3.72	0.21	10.00	0.92	769.00	0.00	0.02	18.00	1350.00	4.00	5.00	10.00	68.00	0.15	5.00	78.00	0.00	18.00	51.00
BK9	2.50	31.00	0.10	10.00	90.00	0.00	0.81	0.50	18.00	38.00	1.64	3.29	0.16	5.00	0.67	543.00	0.00	0.01	18.00	1140.00	4.00	0.00	10.00	62.00	0.13	0.00	66.00	0.00	12.00	50.00
BK10	2.50	69.00	0.10	15.00	45.00	0.00	0.76	0.50	19.00	37.00	1.53	3.48	0.13	10.00	0.81	376.00	0.00	0.01	17.00	610.00	4.00	0.00	10.00	51.00	0.15	5.00	75.00	0.00	14.00	37.00
BK11	5.00	54.00	0.10	10.00	80.00	2.50	0.82	0.50	20.00	54.00	1.78	3.79	0.23	10.00	1.02	517.00	0.00	0.02	22.00	970.00	4.00	0.00	10.00	58.00	0.16	5.00	79.00	0.00	18.00	46.00
BK12	5.00	57.00	0.10	10.00	75.00	2.50	0.77	0.50	16.00	48.00	1.88	3.67	0.16	20.00	0.81	322.00	0.00	0.02	19.00	550.00	2.00	0.00	10.00	60.00	0.16	5.00	76.00	0.00	17.00	38.00
BK13	2.50	25.00	0.10	5.00	150.00	0.00	0.50	0.50	14.00	25.00	2.91	2.84	0.09	5.00	0.48	327.00	0.00	0.02	18.00	2260.00	6.00	0.00	10.00	46.00	0.14	0.00	49.00	0.00	12.00	44.00
BK14	2.50	33.00	0.10	0.00	120.00	0.00	0.46	0.50	14.00	23.00	2.02	2.56	0.08	10.00	0.51	478.00	1.00	0.02	16.00	510.00	4.00	0.00	10.00	44.00	0.15	5.00	55.00	0.00	13.00	52.00
BK15	2.50	25.00	0.10	5.00	100.00	0.00	0.66	0.50	15.00	20.00	2.70	2.78	0.08	5.00	0.48	270.00	1.00	0.02	17.00	890.00	6.00	0.00	10.00	46.00	0.15	0.00	52.00	0.00	12.00	65.00
BK16	2.50	17.00	0.20	0.00	150.00	0.00	0.66	0.50	10.00	12.00	2.26	2.00	0.11	5.00	0.33	292.00	0.00	0.02	10.00	2170.00	4.00	0.00	10.00	46.00	0.12	0.00	35.00	0.00	10.00	56.00
BK17	15.00	38.00	0.20	5.00	170.00	2.50	0.48	0.50	13.00	16.00	2.49	2.44	0.07	5.00	0.32	472.00	1.00	0.02	12.00	3510.00	6.00	0.00	10.00	43.00	0.13	0.00	42.00	0.00	11.00	89.00
BK18	2.50	41.00	0.20	0.00	80.00	0.00	0.41	0.50	10.00	13.00	2.11	2.17	0.05	5.00	0.22	311.00	0.00	0.02	10.00	1130.00	6.00	0.00	10.00	29.00	0.12	0.00	47.00	0.00	12.00	41.00
BK19	2.50	17.00	0.10	0.00	165.00	0.00	0.48	0.50	12.00	14.00	2.69	2.16	0.08	5.00	0.29	365.00	0.00	0.02	12.00	780.00	6.00	0.00	10.00	29.00	0.13	0.00	40.00	0.00	11.00	54.00
BK20	60.00	19.00	0.10	5.00	90.00	2.50	0.43	0.50	13.00	18.00	1.73	3.08	0.08	10.00	0.81	320.00	0.00	0.01	7.00	320.00	2.00	0.00	10.00	60.00	0.12	5.00	59.00	0.00	11.00	40.00
BK21	2.50	13.00	0.20	0.00	425.00	0.00	0.78	0.50	11.00	13.00	3.89	2.45	0.06	5.00	0.20	619.00	1.00	0.02	9.00	9100.00	8.00	0.00	10.00	60.00	0.14	0.00	28.00	0.00	11.00	33.00
BK22	2.50	13.00	0.20	5.00	215.00	0.00	0.69	0.50	9.00	13.00	1.96	1.59	0.11	5.00	0.26	782.00	0.00	0.02	12.00	2560.00	8.00	0.00	10.00	47.00	0.10	0.00	28.00	0.00	9.00	94.00
BK23	2.50	30.00	0.20	0.00	160.00	0.00	0.13	0.50	13.00	16.00	2.19	2.79	0.08	5.00	0.52	253.00	0.00	0.02	10.00	640.00	0.00	0.00	10.00	70.00	0.14	0.00	52.00	0.00	12.00	64.00
BK24	2.50	66.00	0.10	0.00	140.00	0.00	0.44	0.50	15.00	17.00	1.99	3.05	0.07	5.00	0.61	318.00	0.00	0.01	10.00	900.00	4.00	0.00	10.00	62.00	0.12	0.00	58.00	0.00	11.00	95.00
BK25	2.50	30.00	0.20	0.00	200.00	0.00	0.36	0.50	14.00	19.00	2.79	2.77	0.08	5.00	0.44	336.00	0.00	0.02	17.00	1900.00	2.00	0.00	10.00	38.00	0.13	0.00	48.00	0.00	11.00	92.00
BK26	2.50	13.00	0.10	0.00	100.00	0.00	0.29	0.50	10.00	13.00	1.11	2.13	0.05	5.00	0.33	760.00	0.00	0.01	6.00	860.00	0.00	0.00	10.00	33.00	0.12	0.00	53.00	0.00	10.00	56.00
BK27	2.50	12.00	0.20	0.00	100.00	0.00	0.26	0.50	9.00	10.00	1.30	1.84	0.07	5.00	0.22	452.00	0.00	0.02	6.00	850.00	4.00	0.00	10.00	20.00	0.11	0.00	43.00	0.00	9.00	90.00
BK28	2.50	58.00	0.20	0.00	155.00	0.00	0.37	0.50	11.00	14.00	2.31	2.31	0.09	5.00	0.46	324.00	0.00	0.02	12.00	1100.00	2.00	0.00	10.00	38.00	0.12	0.00	42.00	0.00	10.00	93.00
BK29	2.50	24.00	0.10	0.00	105.00	0.00	0.56	0.50	13.00	15.00	1.90	3.14	0.06	5.00	0.72	408.00	0.00	0.01	7.00	570.00	1.00	0.00	10.00	71.00	0.13	0.00	69.00	0.00	13.00	50.00
BK30	2.50	17.00	0.10	0.00	150.00	0.00	0.49	0.50	14.00	17.00	2.12	2.95	0.05	5.00	0.74	349.00	0.00	0.01	10.00	710.00	1.00	0.00	10.00	64.00	0.15	0.00	62.00	0.00	14.00	55.00
BL1	15.00	100.00	0.10	2.50	85.00	0.00	0.73	0.50	21.00	56.00	2.12	4.39	0.30	10.00	1.22	529.00	0.00	0.02	34.00	790.00	2.00	0.00	10.00	57.00	0.15	5.00	86.00	0.00	22.00	60.00
BL2	10.00	40.00	0.10	2.50	55.00	0.00	0.60	0.50	18.00	52.00	1.78	3.43	0.28	10.00	1.03	387.00	0.00	0.02	26.00	580.00	0.00	0.00	10.00	48.00	0.17	5.00	70.00	0.00	18.00	58.00
BL3	2.50	30.00	0.10	0.00	90.00	0.00	0.49	0.50	17.00	44.00	2.05	3.22	0.20	10.00	0.85	549.00	0.00	0.02	25.00	1130.00	0.00	0.00	10.00	41.00	0.14	5.00	59.00	0.00	14.00	79.00
BL4	2.50	28.00	0.10	0.00	80.00	0.00	0.48	0.50	17.00	43.00	1.89	3.09	0.20	10.00	0.84	550.00	0.00	0.02	23.00	950.00	0.00	0.00	10.00	40.00	0.14	5.00	57.00	0.00	14.00	71.00
BL5	2.50	46.00	0.10	5.00	135.00	0.00	1.16	0.50	14.00	46.00	1.51	2.87	0.10	10.00	0.80	675.00	1.00	0.02	21.00	1010.00	1.00	5.00	10.00	84.00	0.08	5.00	57.00	0.00	14.00	48.00
BL6	20.00	50.00	0.10	5.00	185.00	2.50	0.97	0.50	18.00	44.00	1.72	3.46	0.10	10.00	0.93	793.00	1.00	0.02	21.00	890.00	0.00	0.00	10.00	79.00	0.10	10.00	65.00	5.00	15.00	47.00
BL7	5.00	26.00	0.10	2.50	70.00	0.00	0.60	0.50	16.00	41.00	1.90	3.20	0.13	5.00	0.69	418.00	0.00	0.02	17.00	1410.00	1.00	0.00	10.00	47.00	0.13	0.00	68.00	0.00	13.00	75.00
BL8	2.50	52.00	0.10	0.00	85.00	0.00	0.72	0.50	20.00	35.00	2.36	4.18	0.36	5.00	0.93	361.00	0.00	0.01	16.00	690.00	1.00	0.00	10.00	56.00	0.21	0.00	87.00	0.00	17.00	62.00
BL9	2.50	19.00	0.10	0.00	65.00	0.00	0.63	0.50	13.00	28.00	1.86	2.82	0.16	5.00	0.62	249.00	0.00	0.01	13.00	420.00	1.00	0.00	10.00	51.00	0.16	0.00	61.00	0.00	14.00	46.00
BL10	2.50	26.00	0.10	0.00	155.00	0.00	0.53	0.50	14.00	24.00	2.10	2.90	0.10	5.00	0.64	368.00	0.00	0.01	14.00	1080.00	1.00	0.00	10.00	65.00	0.14	0.00	60.00	0.00	12.00	66.00
BL11	2.50	22.00	0.20	0.00	115.00	0.00	0.49	0.50	13.00	22.00	2.61	2.63	0.10	5.00	0.50	298.00	0.00	0.02	19.00	1700.00	1.00	0.00	10.00	37.00	0.13	0.00	46.00	0.00	12.00	81.00
BL12	2.50	30.00	0.20	0.00	130.00	0.00	0.66	0.50	15.00	21.00	2.11	2.52	0.12	5.00	0.58	452.00	0.00	0.02	23.00	1790.00	1.00	0.00	10.00	53.00	0.13	0.00	47.00	0.00	11.00	104.00
BL13	2.50	32.00	0.10	0.00	70.00	0.00	0.44	0.50	14.00	15.00	2.00	2.86	0.10	5.00	0.59	272.00	0.00	0.01	10.00	780.00	0.00	0.00	10.00	41.00	0.15	0.00	55.00	0.00	13.00	59.00
BL14	10.00	28.00	0.10	2.50	95.00	0.00	0.53	0.50	13.00	28.00	1.70	2.83	0.08	5.00	0.67	372.00	0.00	0.01	11.00	1320.00	1.00	0.00	10.00	49.00	0.13	0.00	58.00	0.00	12.00	74.00
BL15	2.50	29.00	0.10	0.00	165.00	0.00	0.58	0.50	20.00	20.00	3.65	3.58	0.10	5.00	0.69	263.00	0.00	0.02	14.00	410.00	1.00	0.00	10.00	47.00	0.20	0.00	66.00	0.00	16.00	54.00
BL16	5.00	145.00	0.10	20.00	170.00	2.50	5.24	0.50	37.00	31.00	2.86	7.56	0.42	10.00	2.12	1282.00	1.00	0.02	16.00	1290.00	1.00	5.00	10.00	138.00	0.21	5.00	122.00	0.00	21.00	91.00
BL17	2.50	17.00	0.20	0.00	115.00	0.00	0.39	0.50	13.00	17.00	2.15	2.80	0.09	5.00	0.44	260.00	0.00	0.01	12.00	1100.00	4.00	0.00	10.00	36.00	0.15	0.00	50.00	0.00	12.00	50.00
BL18	2.50	19.00	0.20	0.00	100.00	0.00	0.51	0.50	14.00	19.00	2.32	3.01	0.07	5.00	0.50	261.00	0.00	0.01	15.00	2030.00	4.00	0.00	10.00	44.00	0.14	0.00	53.00	0.00	11.00	84.00
BL19	2.50	8.00	0.20	0.00	135.00	0.00	0.42	0.50	5.00	7.00	1.73	1.35	0.05	5.00	0.09	189.00	0.00	0.02	4.00	2640.00	0.00	0.00	10.00	32.00	0.10	0.00	19.00	0.00	8.00	30.00
BL20	2.50	107.00	0.20	0.00	65.00	0.00	0.63	0.50	15.00	19.00	1.65	3.10	0.09	5.00	0.71	328.00	0.00	0.01	9.00	420.00	2.00	0.00	10.00	61.00	0.17	0.00	63.00	0.00	16.00	62.00
BL21	20.00	35.00	0.40	2.50	115.00	0.00	0.51	0.50	13.00	17.00	2.91	2.95	0.09	5.00	0.44	250.00	0.00	0.02	12.00	1970.00	0.00	0.00	10.00	38.00	0.14	0.00	51.00	0.00	12.00	64.00
BL22	5.00	56.00	0.20	2.50	225.00	0.00	0.49	0.50	15.00	14.00	2.54	3.04	0.08	5.00	0.68	361.00	0.00	0.01	10.00	1220.00	2.00	0.00	10.00	97.00	0.12	0.00	53.00	0.00	10.00	136.00
BL23	35.00	44.00	1.00	2.50	235.00	0.00	0.40	0.50	20.00	12.00	1.95	2.55	0.07	5.00	0.49	809.00	0.00	0.01	8.00	1290.00	10.00	0.00	10.00	88.00	0.10	0.00	48.00	0.00	8.00	315.00
BL24	2.50	27.00	1.00	0.00	155.00	0.00	0.25	0.50	13.00	13.00	3.25	3.18	0.04	5.00	0.26	150.00	1.00	0.01	8.00	4270.00	6.00	0.00	10.00	30.00	0.16	0.00	51.00	0.00	11.00	261.00
BL25	2.50	31.00	0.20	0.00	245.00	0.00	0.51	0.50	14.00	19.00	1.99	2.60	0.07	5.00	0.57	331.00	0.00	0.01	21.00	2180.00	0.00	0.00	10.00	86.00	0.11	0.00	50.00	0.00	9.00	148.00
BL26	2.50	24.00	0.20	0.00	220.00	0.00	0.29	0.50	10.00	12.00	2.25	2.00	0.05	5.00	0.35	291.00	0.00	0.02	14.00	1350.00	0.00	0.00	10.00	37.00	0.12	0.00	39.00	0.00	10.00	109.00
BL27	2.50	29.00	0.10	0.00	145.00	0.00	0.46	0.50	13.00	12.00	1.94	2.95	0.05	5.00	0.55	270.00	0.00	0.01	6.00	780.00	0.00	0.00	10.00	80.00	0.15	0.00	64.00	0.00	12.00	52.00
BL28	2.50	20.00	0.10	0.00	170.00	0.00	0.60	0.50	13.00	15.00	2.21	2.91	0.07	5.00	0.52	522.00	0.00	0.01	8.00	690.00	1.00	0.00	10.00	80.00	0.15	0.00	64.00	0.00	12.00	71.00
BL29	2.50	22.00	0.10	0.00	190.00	0.00	0.35	0.50	11.00	13.00	3.64	2.49	0.05	5.00	0.36	395.00	0.00	0.02	12.00	2640.00	0.00	0.00	10.00	47.00	0.15	0.00	44.00	0.00	12.00	63.00

3b. GEOCHEMICAL PLOTS

Mon Feb 8 16:14:08 1993

Golden Loon Soils- Au



Number of Data	1309
number trimmed	1
mean	6.7494
std. dev.	8.6067
coef. of var	1.2752
maximum	82.0000
upper quartile	8.0000
median	4.0000
lower quartile	2.0000
minimum	0.5000

/usr/local/datafiles/expl/golden-l/geochem
Data File: 92-93soils.ass

FIGURE 8.0

Mon Feb 8 16:16:01 1993

Golden Loon Soils- Cu

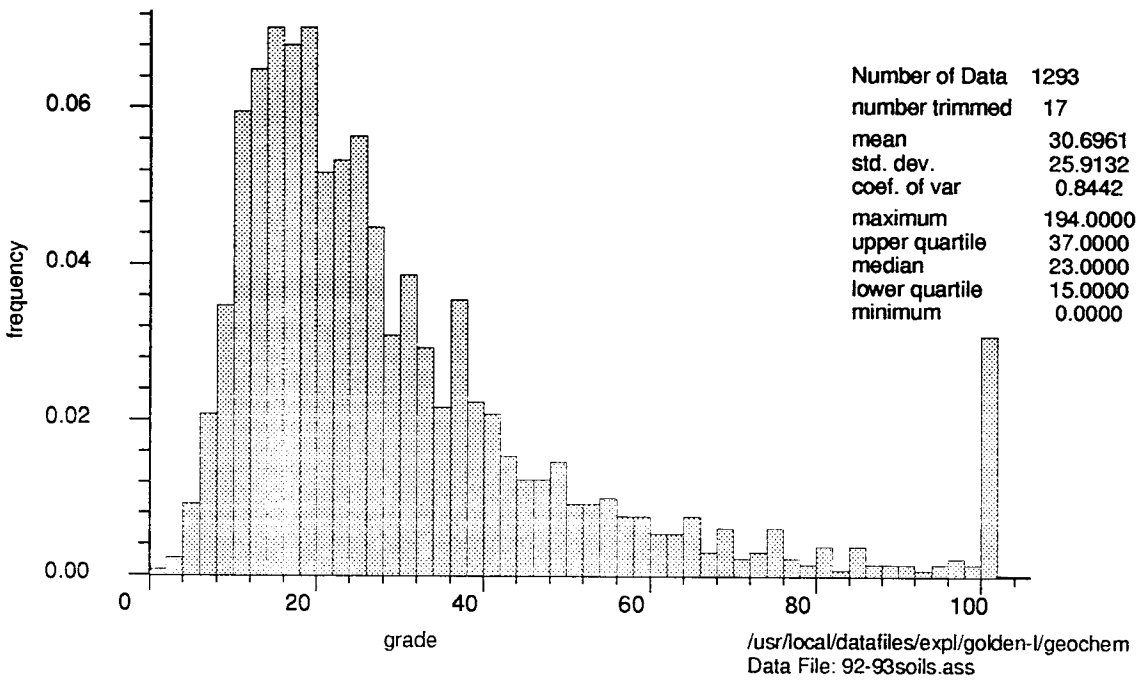


FIGURE 8.1

Golden Loon Soils- Pb

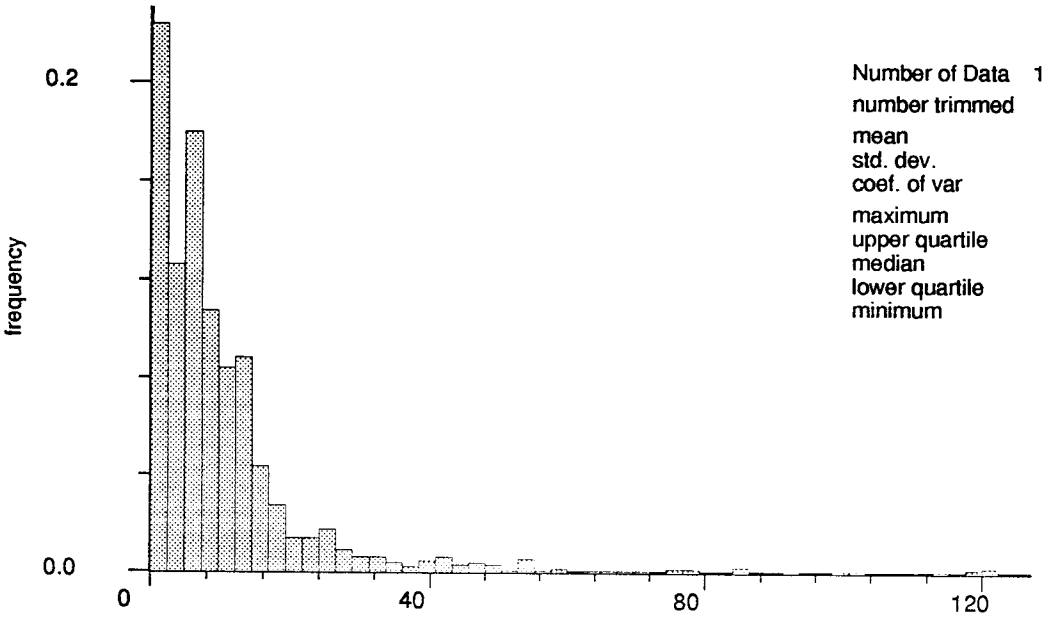


FIGURE 8.2

Mon Feb 8 16:19:48 1993

Golden Loon soils- Zn

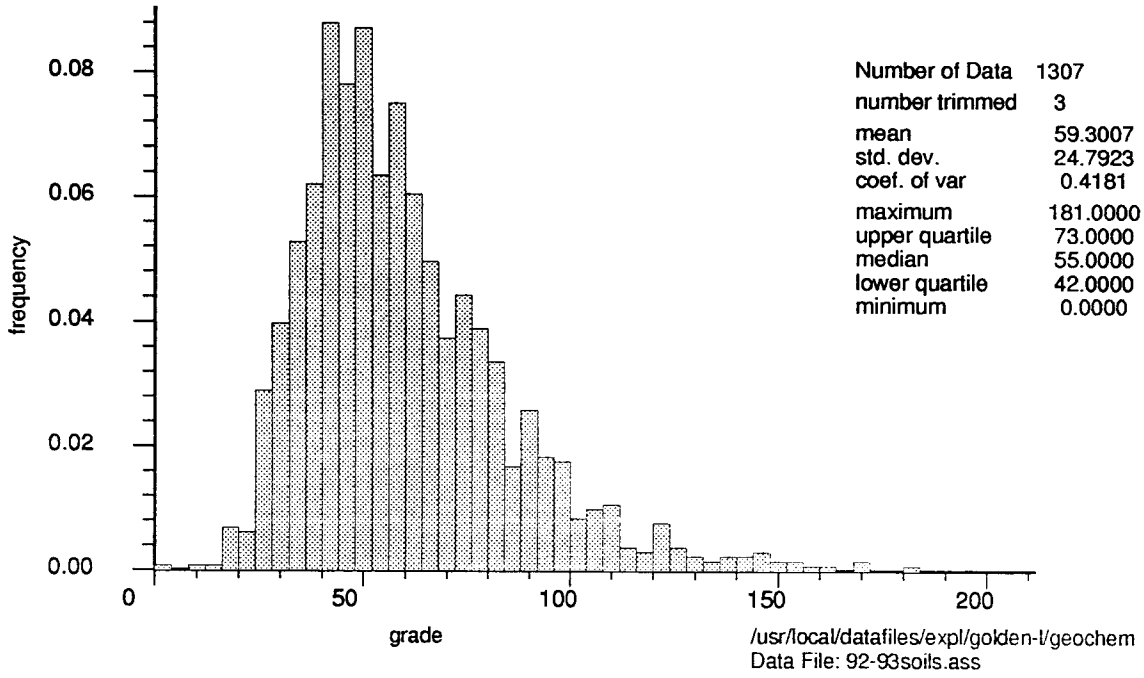
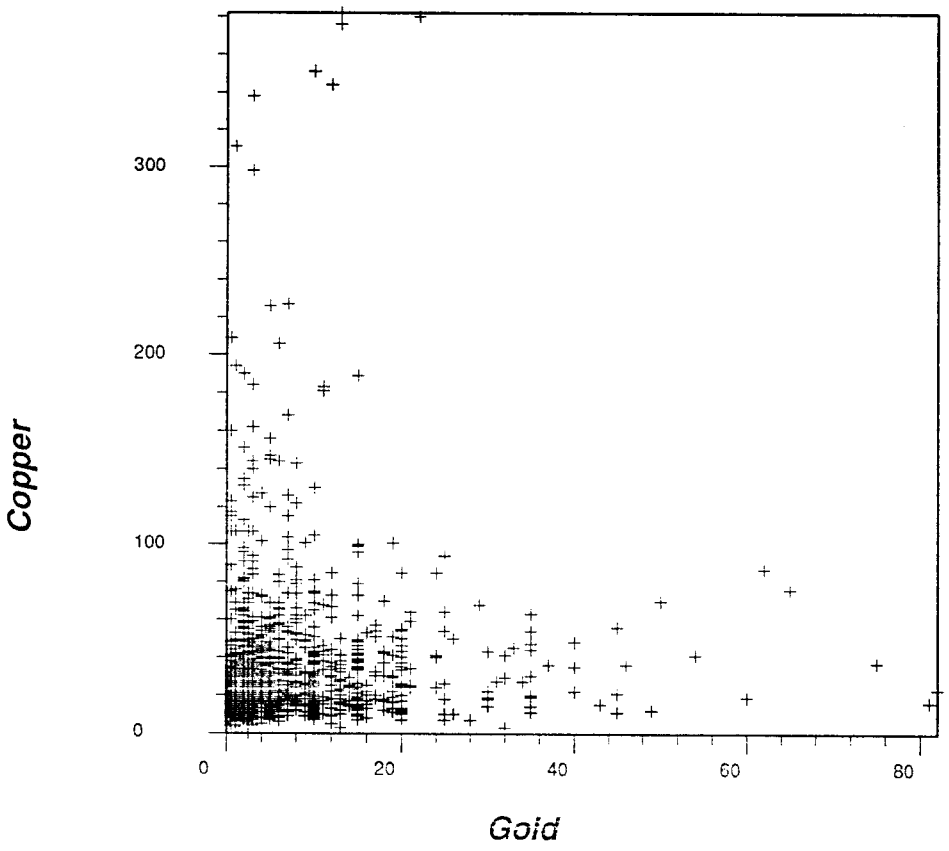


FIGURE 8.3

Mon Feb 8 13:27:43 1993

Golden Loon Soils



Number of data: 1304 — 6 Data trimmed

Correlation coefficient = 0.0654 — T Statistic (for different means) = -25.3911

Regression Lines

LS y on x: Y = 31.3162 + 0.2830 X — Mean and Variance of X: 6.7308 74.1051

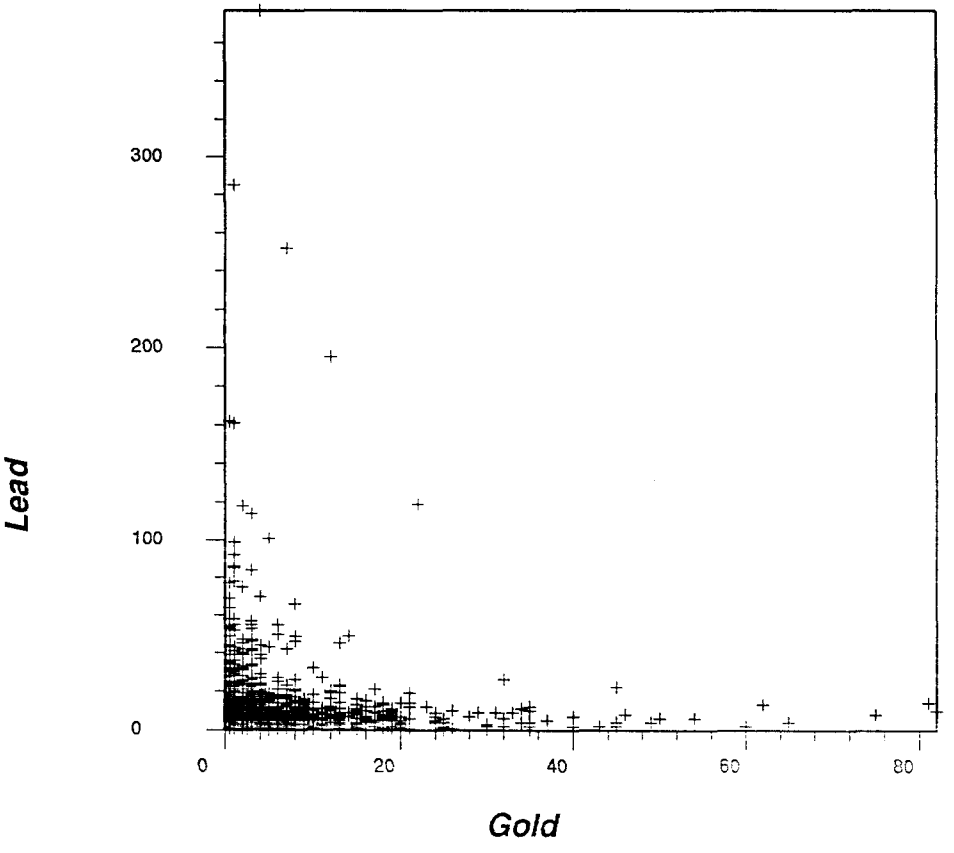
LS x on y: X = 6.2286 + 0.0151 Y — Mean and Variance of Y: 33.2209 1387.1492

UNBIASED: Y = -388.3529 + 62.6333 X — FILE: 92-93soils.ass

FIGURE 9.0

Mon Feb 8 13:37:09 1993

Golden Loon Soils



Number of data: 1308 — 2 Data trimmed

Correlation coefficient = -.1104 — T Statistic (for different means) = -7.1862

Regression Lines

LS y on x: Y = 13.2063 + -0.2675 X — Mean and Variance of X: 6.7462 74.1179

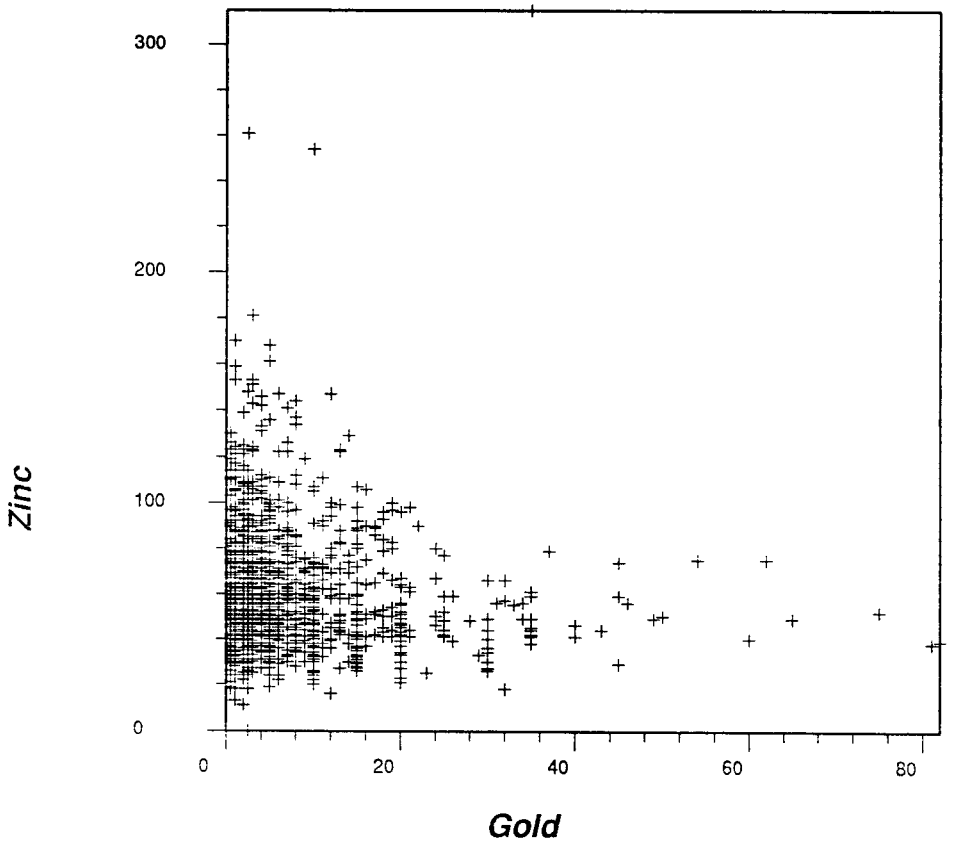
LS x on y: X = 7.2656 + -0.0456 Y — Mean and Variance of Y: 11.4018 435.2027

UNBIASED: Y = 134.6348 + -18.2671 X — FILE: 92-93soils.ass

FIGURE 9.1

Mon Feb 8 13:36:26 1993

Golden Loon Soils



Number of data: 1309 — 1 Data trimmed

Correlation coefficient = -.0554 — T Statistic (for different means) = -66.9087

Regression Lines

LS y on x: Y = 60.9747 + -0.1732 X — Mean and Variance of X: 6.7494 74.0751

LS x on y: X = 7.8099 + -0.0177 Y — Mean and Variance of Y: 59.8060 723.3831

UNBIASED: Y = 401.5955 + -50.6398 X — FILE: 92-93soils.ass

FIGURE 9.2

3c. LARGE FIGURES AND PLANS

APPENDIX 4

GEOCHEMICAL DATA (ROCKS)

4a. ROCK SAMPLE GEOCHEMICAL CERTIFICATES

Golden Loon Project Rock Geochemistry, January 15, 1993

SAMP	AU	CD	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
3910A	100	77	0.4	15	95	<5	2.43	<1	15	103	0.79	3.67	0.57	10	0.71	814	10	0.02	5	1070	22	<5	<20	105	0.08	<10	80	<10	10	44
3810B	175	27	0.6	10	80	<5	1.34	<1	11	141	0.19	2.49	0.09	<10	0.19	527	5	0.04	5	660	8	<5	<20	48	<.01	<10	23	<10	4	22
3676	85	41	<.2	50	280	5	0.35	<1	22	83	0.51	9.88	0.39	<10	0.25	395	646	0.01	10	620	26	<5	<20	20	0.06	10	131	<10	3	222
3677*	0.6	3.88	0.26	<2	<5	2.38	<1	14	124	67	20	0.10	<10	0.28	873	21	0.03	7	1040	49	<5	<20	59	0.01	<10	60	<10	5	96	
3677	150	57	0.4	15	80	<5	2.01	<1	11	108	0.22	3.22	0.08	<10	0.23	729	18	0.03	6	880	38	<5	<20	49	0.01	<10	50	<10	4	70
3678	50	41	<.2	15	215	<5	2.59	<1	12	78	0.15	3.60	0.06	10	0.53	714	14	0.03	4	990	8	<5	<20	85	0.05	<10	95	<10	8	56
3679	120	92	0.6	10	140	<5	2.13	<1	14	97	0.75	3.33	0.43	10	0.59	854	7	0.02	6	920	78	<5	<20	81	0.05	<10	54	<10	9	48
3680	25	76	<.2	15	135	<5	0.85	<1	13	82	0.76	3.67	0.32	10	0.32	756	7	0.02	3	930	4	<5	<20	47	0.03	<10	35	<10	6	43
3691	20	10	0.2	10	205	<5	2.35	<1	8	109	0.60	2.09	0.37	10	0.40	793	6	0.02	3	870	2	<5	<20	123	<.01	<10	19	<10	3	27
3751	105	260	2.2	5	705	<5	2.02	<1	7	241	0.14	1.61	0.06	<10	0.62	527	7	0.01	20	470	1018	<5	<20	116	<.01	<10	6	<10	3	22
3752	35	39	<.2	10	370	<5	2.27	<1	13	61	0.42	3.00	0.20	10	0.50	750	3	0.02	3	1000	8	<5	<20	78	0.02	<10	40	<10	8	29
3753	100	24	<.2	10	220	<5	0.73	<1	9	107	0.19	1.86	0.08	<10	0.11	484	3	0.02	2	430	4	<5	<20	33	0.01	<10	49	<10	3	49
3754	355	4	1.4	10	55	<5	4.32	<1	6	124	0.10	1.97	0.06	<10	0.44	540	17	0.02	5	510	76	<5	<20	249	<.01	<10	2	<10	5	54
3755	50	55	<.2	10	365	<5	2.89	<1	7	94	0.21	2.77	0.12	10	0.53	718	3	0.03	3	920	10	<5	<20	109	0.03	<10	90	<10	9	40
3756	40	53	0.2	10	145	<5	3.06	<1	13	73	0.42	2.95	0.21	10	0.18	815	5	0.02	4	960	2	<5	<20	49	0.01	<10	20	<10	5	27
3757	50	50	0.4	10	350	<5	3.70	<1	10	73	0.46	2.52	0.26	10	0.34	763	2	0.02	2	1030	10	<5	<20	68	<.01	<10	9	<10	5	30
3758	25	51	0.2	10	205	<5	3.27	<1	11	64	0.53	2.79	0.33	10	0.67	981	7	0.01	3	1150	4	<5	<20	149	0.01	<10	18	<10	9	42
3759	20	47	0.2	10	100	<5	3.66	<1	12	89	0.56	2.97	0.34	10	0.83	846	4	0.02	4	1140	2	5	<20	171	0.01	<10	13	<10	6	35
3760	75	42	0.2	10	325	<5	2.72	<1	13	75	0.63	2.89	0.35	10	0.53	934	5	0.02	5	1200	2	<5	<20	155	<.01	<10	11	<10	6	36
3801	60	61	0.2	15	170	<5	3.07	<1	16	56	0.40	3.41	0.19	<10	0.64	900	3	0.02	5	1120	2	<5	<20	87	0.01	<10	23	<10	6	32
3802	5	7	<.2	15	145	<5	1.65	<1	10	90	1.90	3.56	0.41	10	1.29	453	4	0.02	8	830	<2	5	<20	81	0.09	<10	33	<10	9	39
3803	30	15	0.2	10	570	<5	3.39	<1	9	87	0.48	2.26	0.27	<10	0.65	757	3	0.02	7	940	4	<5	<20	131	<.01	<10	6	<10	4	28
3804	25	8	<.2	10	65	<5	4.67	<1	9	58	0.49	2.20	0.31	10	1.05	922	4	0.01	1	1210	2	<5	<20	230	<.01	<10	11	<10	7	27
3805	30	29	<.2	10	140	<5	3.70	<1	11	70	0.61	2.94	0.37	10	0.77	949	4	0.02	2	1130	4	5	<20	231	<.01	<10	17	<10	8	34
3806	40	28	<.2	20	35	<5	0.50	<1	42	100	1.16	5.38	0.21	<10	0.88	445	30	0.01	5	870	2	<5	<20	21	0.12	10	34	<10	13	50
3807	85	32	<.2	15	145	<5	3.82	<1	10	70	0.69	3.32	0.35	10	0.69	1056	2	0.01	4	1220	2	<5	<20	228	<.01	<10	28	<10	7	39
3808	2080	1106	27.4	5	220	<5	4.49	<1	3	257	0.06	1.08	0.02	<10	0.06	267	61	<.01	3	140	5628	<5	<20	367	<.01	<10	3	<10	6	6
3809	75	15	0.4	15	260	<5	2.40	<1	8	116	0.18	2.31	0.09	10	0.54	642	4	0.03	4	900	42	<5	<20	85	0.02	<10	49	<10	6	23
3811	170	16	0.6	10	215	<5	1.55	<1	6	134	0.20	2.25	0.08	<10	0.12	645	15	0.03	4	530	8	<5	<20	56	<.01	<10	30	<10	4	36
3812	240	11	1.0	10	70	<5	1.75	<1	6	105	0.17	2.24	0.04	<10	0.11	464	5	0.05	4	430	4	<5	<20	77	<.01	<10	13	<10	4	24
3813	25	11	<.2	10	40	<5	2.29	<1	8	124	0.19	2.58	0.09	<10	0.57	607	8	0.03	7	850	4	<5	<20	85	0.01	<10	60	<10	5	30
3814	250	11	1.6	5	375	<5	1.43	<1	8	111	0.21	1.90	0.11	<10	0.18	537	6	0.02	4	870	64	<5	<20	47	0.01	<10	31	<10	5	21
3815	45	20	<.2	15	400	<5	2.00	<1	15	85	0.18	3.65	0.09	<10	0.51	991	6	0.02	5	960	8	<5	<20	74	0.03	<10	86	<10	7	33
3816	30	14	<.2	10	95	<5	2.17	<1	10	80	0.26	2.81	0.12	10	0.65	646	3	0.03	3	970	6	<5	<20	74	0.04	<10	82	<10	9	31
3817	50	68	<.2	20	450	<5	2.39	<1	13	88	0.26	4.04	0.16	<10	0.51	832	9	0.02	5	1020	52	<5	<20	76	0.05	<10	107	<10	9	51
3818	35	74	0.2	10	75	<5	2.58	<1	20	61	1.74	4.41	0.55	10	1.18	997	7	0.01	6	1210	<2	5	<20	109	0.14	<10	49	<10	20	64
3819	140	174	2.6	>10000	30	<5	1.80	<1	21	93	1.79	6.52	<.01	<10	1.07	756	5	0.01	61	1630	168	75	<20	99	0.11	<10	58	<10	8	7543
3820	20	690	0.6	170	20	<5	2.36	<1	41	92	1.11	1.94	<.01	10	0.06	127	3	0.02	15	2740	8	<5	<20	154	0.11	<10	45	<10	13	60
3821	20	167	0.8	135	50	<5	10.14	<1	13	67	1.28	6.66	0.05	<10	0.39	1391	4	<.01	5	230	34	<5	<20	66	0.11	<10	71	<10	37	145
3822	570	6	3.8	10	55	<5	3.43	<1	23	50	0.89	4.27	0.19	<10	0.79	1101	1	0.03	5	1190	8	<5	<20	203	0.11	<10	52	<10	17	40
3823*	0.6	4.76	0.44	2	<5	2.13	<1	19	86	13	30	0.13	<10	0.14	768	6	0.03	5	1190	4	<5	<20	36	0.01	10	28	<10	8	38	
3823	180	11	0.4	20	40	<5	1.80	<1	15	71	0.39	4.00	0.12	<10	0.13	650	4	0.03	4	990	2	<5	<20	32	0.01	10	24	<10	7	32
3824	295	22	1.0	10	50	<5	1.48	<1	11	100	0.34	2.56	0.15	<10	0.20	648	32	0.01	5	740	10	<5	<20	55	0.01	<10	20	<10	4	32
3825	25	14	<.2	5	195	<5	0.67	<1	5	97	0.25	1.92	0.14	<10	0.10	456	4	0.03	3	400	4	<5	<20	31	0.01	<10	51	<10	3	27
11926	5	110	2.0	<5	10	<5	0.29	<1	<1	231	0.03	0.44	<.01	<10	0.05	75	15	<.01	9	<10	60	<5	<20	24	<.01	<10	2	<10	<1	6
11927	10	139	0.4	20	50	<5	0.89	<1	63	389	2.10	5.50	0.27	10	2.74	482	14	0.03	143	1120	4	<5	<20	35	0.14	10	122	<10	12	47
11928	15	1179	1.2	15	45	<5	3.44	<1	16	34	0.34	2.65	0.24	<10	1.00	794	7	0.01	3	640	<2	5	<20	203	<.01	<10	3	<10	4	29
11930	10	16	<.2	5	690	<5	2.24	<1	4	59	0.29	1.54	0.17	<10	0.26	466	4	0.01	2	710	<2	<5	<20	201	<.01	<10	4	<10	3	14
11931	275	8	0.2	5	345	<5	2.36	<1	5	73	0.33	1.60	0.20	<10	0.09	480	3	0.01	3	640	<2	<5	<20	52	<.01	<10	3	<10	2	17
11933	10	44	<.2	5	45	<5	2.71	<1	15	69	0.85	3.29	0.33	<10	0.83	791	8	0.01	4	990	<2	<5	<20	157	0.02	<10	27	<10	8	46
11934	55	45	0.2	5	360	<5	1.67	<1	10	97	0.39	2.46	0.21	<10	0.17	820	4	0.01	3	860	2	<5	<20	36	<.01	<10	14	<10	5	36
11935	25	70	0.8	<5	160	<5	4.52	<1	12	104	0.89	2.70	0.54	<10	1.06	923	4	0.02	7	670	206	<5	<20	292	0.06	<10	64	<10	12	38
11936	110	9	6.4	660	190	10	1.43	<1	1	314	0.05	0.52	<.01	<10	0.03	266	13	0.01	3	60	1274	<5	<20	106	<.01	<10	3	<10	2	9
11937	10	43	<.2	<5	340	5	0.48	<1	59	51	2.96	9.34	2.40	<10	1.57	433	4	0.02	3	830	10	<5	<20	35	0.36	10	186	<10	28	40
11938	20	18	<.2	20	135	<5	1.27	<1	15	134	1.61	3.28	0.65	<10	0.96	527	7	0.03	3	1030	12	<5	<20	79	0.20	<10	81	<10	22	50
11939	30	109	0.2	<5	95	<5	3.19	<1	21	70	1.68	4.18	0.64	10	1.03	1046	4	0.01	5	1270	2	<5	<20	114	0.20	<10	55	<10	24	55
11940	45	476	6.0	3195	25	<5	1.54	40	33	127	1.85	6.00	<.01	<10	1.23	734	4	0.01	53	1960	544	15	<20	65	0.22	<10	78	<10	17	8870
11941	735	75	4.0	135	50	<5	3.01	1	24	96	0.62	6.64	0.11	<10	0.78	1206	29	0.02	7	860	36	<5	<20	147	0.02	10	27	<10	6	195
11942	50	36	0.2	70	120	<5	3.36	1	13	73	0.63	3.34	0.25	<10	0.58	943	5	0.01	4	1170	8	<5	<20	126	0.01	<10	21	<10	7	282

Golden Loon Project Rock Geochemistry, January 19, 1993 Page 2

SAMP	AU	CU	AG	AS	BA	BI	CA	CD	CO	CR	AL	FE	K	LA	MG	MN	MO	NA	NI	P	PB	SB	SN	SR	TI	U	V	W	Y	ZN
11943	25	52	<.2	<5	80	<5	1.83	<1	28	64	1.63	3.80	0.23	<10	1.15	567	3	0.02	7	1660	2	<5	<20	126	0.21	<10	84	<10	20	79
11944	20	49	<.2	<5	225	<5	1.68	<1	22	77	2.15	4.13	0.96	<10	1.20	706	4	0.02	4	1470	2	5	<20	111	0.25	<10	107	<10	23	64
11945	80	40	0.4	10	160	<5	3.68	<1	14	70	0.53	3.27	0.25	<10	0.84	1098	4	0.01	4	1350	2	<5	<20	209	<.01	<10	17	<10	8	42
11946	15	23	0.2	10	470	<5	3.31	<1	11	102	0.50	2.94	0.29	10	0.59	941	5	0.01	3	1090	2	<5	<20	144	<.01	<10	14	<10	6	44
11947	35	973	0.8	5	110	<5	4.61	<1	20	41	0.63	3.49	0.31	<10	1.14	1155	5	0.01	3	1020	4	5	<20	180	<.01	<10	12	<10	6	53
11948	25	57	<.2	10	470	<5	2.22	<1	11	130	0.43	3.00	0.24	<10	0.33	653	9	0.02	4	980	2	<5	<20	54	0.01	<10	18	<10	5	28
11949	20	41	0.2	<5	215	<5	3.09	<1	11	78	0.75	2.81	0.26	10	0.51	756	6	0.02	5	1030	22	<5	<20	95	0.03	<10	45	<10	9	32
11950	25	18	<.2	5	235	<5	2.85	<1	9	116	0.42	2.65	0.21	10	0.53	721	4	0.01	3	1000	4	<5	<20	70	0.01	<10	22	<10	5	28
12028	15	43	0.2	5	65	<5	1.24	<1	9	113	0.51	2.13	0.11	<10	0.54	420	9	0.01	5	620	60	<5	<20	65	0.04	<10	47	<10	7	30

4b. ROCK SAMPLE DESCRIPTIONS - 1992 SURVEYS

GOLDEN LOON PROPERTY

ROCK SAMPLE DESCRIPTIONS - 1992 SURVEYS, PDI

(see Figures 10.0, 10.1 and 10.2 for locations and results)

Sample No.	UTM Coordinates	Description
3810 A, B.	685438.13/5701067.89	Altered monzonite, silicified with hematite. Quartz vein stockworks. Disseminated pyrite, minor chalcopyrite in veins and wallrocks. Subcrop samples.
3676	685641.30/5700903.47	Altered monzonite, silicified with hematite. Float.
3677	685641.30/5700903.47	Silicified monzonite, 1% pyrite. Heavily oxidized with quartz veins. subcrop?
3678	685718.47/5700972.10	As above, oxidized with hematite. 1% pyrite. Outcrop.
3679	685643.19/5701293.85	Weakly silicified monzonite. 1% pyrite, hematitic. Float
3680	685686.01/5701295.09	As above. Float.
3681	684687.04/5700148.25	Altered monzonite with pyrite. Float.
3751	685577.48/5700883.30	Altered monzonite with quartz carbonate veining minor galena, 2% pyrite, 0.5% chalcopyrite. Disseminated hematite. Subcrop.
3752	685606.35/5700883.94	Silicified monzonite, weak quartz vein stockwork. 1% pyrite minor chalcopyrite, subcrop.
3753	685574.61/5700967.19	As above, quartz veined, 0.5% pyrite. Float.
3754	685564.70/5700962.66	Strong silicified monzonite, vein stockwork. 5% pyrite, 5% hematite. float
3755	685554.79/5700958.12	Less silicified, more hematitic. Galena in fine fracture. Float.

3756	683982.54/5702089.64	Moderately silicified monzonite, 1% pyrite, some hematite. Float
3757	684026.28/5702072.36	Same as above, Float.
3758	684703.26/5702253.62	Sericite, weak silicified granodiorite. No veining, float.
3759	684671.46/5702352.69	Moderately silicified granodiorite. Minor quartz veinlets, weak hematite. Float
3760	684565.60/5702650.40	Strongly silicified granodiorite, sericite, minor pyrite. Float.
3801	682790.80/5702569.59	Sheared, hematitic granodiorite. Outcrop.
3802	682821.42/5702592.48	As above. Outcrop/subcrop
3803	682019.99/5701691.47	Moderately silicified monzonite, chloritic fractures weak vein stockwork. Subcrop/float?
3804	685783.65/5701966.97	Silicified monzonite, quartz stringers, pyrite cubes, weak hematite. float.
3805	685785.19/5702812.14	Moderately silicified granodiorite, minor pyrite. Float.
3806	685427.23/5703123.05	As above, trace chalcopyrite. float.
3807	685568.47/5703125.19	Monzonite with bleby pyrite, quartz stringers. Float.
3808	685464.19/5701034.28	Granodiorite with quartz veins. 30cm alteration envelopes. Quartz has significant pyrite, chalcopyrite and 1-2% galena. Subcrop
3809	685499.33/5701060.77	Silicified monzonite, quartz vein stockwork, strong hematite. Carbonate. Little py, cpy. Float.
3811	685537.15/5701061.47	Silicified monzonite, vein stockwork 2% pyrite subcrop. Subcrop.
3812	685590.99/5701055.30	Monzonite, monzodiorite as above. Subcrop.
3813	685646.88/5701044.94	As above. Subcrop.

3814	685624.91/5701043.92	Silicified monzonite, strong quartz vein stockwork, vuggy, hematitic quartz veining. Subcrop.
3815	685619.99/5701134.12	Silicified, hematitic monzonite some quartz veining. Float.
3816	685622.48/5701101.38	As above. Float.
3817	685657.08/5701133.26	As above. Float.
3818	686536.94/5704446.81	Chloritic diorite, 3% cubic pyrite. Float.
3819	686807.71/5704697.06	Hornfelsic siltstone. Sheared, contorted, chloritic outcrop.
3820	686808.86/5704697.48	Brecciated diorite near hornfels contact. Malachite along fractures outcrop.
3821	686828.10/5705619.28	Strongly epidotized, carbonate rich diorite breccia with garnet. Grades into hornfels, spotty pyrite. Some sphalerite? Outcrop.
3822	687241.66/5703919.25	Chloritic, sheared diorite with carbonate. Quartz veining 2% pyrite. Strong foliation. Outcrop.
3823	684767.07/5704007.09	Leached and oxidized monzonite, 3 to 5% pyrite sparse veining. Float.
3824	685540.54/5700849.61	Silicified monzonite, fine quartz stringers minor hematite. 1% pyrite. Float.
3825	685569.38/5700880.56	As above. Float.
11926	686639.58/5702584.24	Quartz vein, strikes 30° W. Outcrop?
11927	684965.20/5702544.05	Silicified monzonite disseminated pyrite, chalcopyrite. Float.
11928	684189.88/5702907.53	As above. Outcrop.
11930	681461.23/5701627.90	As above. Outcrop.
11931	681265.08/5701655.45	As above. Outcrop.
11933	684516.24/5702594.54	Pyritic Monzonite float.

11934	684331.17/5702773.76	As above.
11935	686839.65/5701964.55	Minor pyrite, chalcoprite in altered monzonite outcrop.
11936	686837.79/5701962.18	Milky quartz veins, little pyrite, galena minor carbonate. Grab sample over 4 metres. Float?
11937	68689.77/5702047.88	Chloritic altered granodiorite. Outcrop.
11938	686620/5702164.02	Weak epidote, chlorite altered granodiorite minor pyrite float.
11939	686560.63/5704482.24	Diorite, chlorite altered. 3% Py, trace chalcopyrite.
11940	686794.45/5704741.85	Strong sheared, hornfelsic sediments. North trending fractures with galena, sphalerite, pyrite minor chalcopyrite. Outcrop.
11941	685969.36/5703965.64	Silicified diorite with quartz vein stockwork. 5% pyrite subcrop.
11942	685676.19/5703634.82	As above 4% pyrite. Float.
11943	686097.62/5703801.77	Moderate to strong epidote altered diorite, medium grained. 1% pyrite. Float
11944	686406.99/5703837.91	Weak epidote altered monzonite, minor pyrite. Float.
11945	684564.88/5703198.23	As above with hematite. 2% cubic pyrite. Float
11946	684223.52/5702905.79	Weakly altered granodiorite with hematite, quartz stringers. Float.
11947	684188.64/5701910.19	Altered granodiorite with disseminated chalcopyrite.
11948	682671.71/5702508.64	Sheared granodiorite, hematite altered some quartz veining. Outcrop near strong fracture zone.
11949	682729.28/5702534.23	Weakly altered granodiorite, specular hematite. Outcrop.

11950	682759.69/5702550.55	As above. Outcrop

4c. LARGE FIGURES AND PLANS

APPENDIX 5

GOLDEN LOON PROSPECT - GEOLOGY

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MEMORANDUM

To: Placer Dome Inc.

From: D.G. Bailey

Subject: Golden Loon Prospect - Geology

Date: October 6, 1992

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1. INTRODUCTION

The Golden Loon prospect is located a few kilometres to the west of Little Fort, north of Kamloops, on the central Cariboo plateau at an average altitude of about 1,230 metres. Most parts of the property have little relief, are covered with a veneer of moraine and have little exposed bedrock. However, adjacent to Eakin Creek where relief exceeds 500 metres and on hill tops there are sufficient outcrops to allow the geology of the bedrock to be interpreted. Vegetation over most of the property is mainly jackpine although in old logged areas thick stands of alder and poplar have become established.

The geology of the Golden Loon property was mapped at a scale of 1:10,000 during the period September 11 - 21, using as control an established grid and topographic features located on 1:18,000 scale colour aerial photographs. Apart from the area of the grid, traverses were by pace and compass.

2. REGIONAL GEOLOGY

The area covered by the Golden Loon prospect occurs within Quesnellia Terrane, a belt of Upper Triassic - Lower Jurassic alkaline volcanic and sedimentary rocks, intruded by small coeval and comagmatic differentiated plutons and calcalkaline batholiths of largely granodioritic to quartz monzonitic composition. The dominant structural style within the volcanic part of Quesnellia is that of brittle fracturing and faulting. Northwesterly-striking faults commonly bound the belt and occur within the belt, towards its margins, while northeasterly striking faults have segmented this part of the belt. Northeasterly striking faults probably formed before the development of northwesterly faults although in many areas, because of poor exposure, the relationship between the two fault sets is unclear.

Regional metamorphism of the belt is generally of subgreenschist facies although widespread and pervasive weak propylitization in the area of the Golden Loon claims may have masked any low grade greenschist or subgreenschist metamorphic mineral assemblages.

The Golden Loon claims straddle the contact between the Upper Triassic - Lower Jurassic Thuya Batholith to the west and a Lower Jurassic mafic - ultramafic complex to the east. These latter rocks are probably, at least in part, differentiates of a basaltic liquid which gave rise to the voluminous alkalic basalts of the Nicola and Takla groups.

3. GEOLOGY OF THE GOLDEN LOON PROSPECT

3.1. Lithologies

The geology of the Golden Loon prospect, shown on the accompanying map, appears to be relatively simple. The most common rock type represented in the area is medium to coarse grained, equigranular hornblende granodiorite (plagioclase 40-60%, potash feldspar 20-30%) (Unit 2A) in which minor biotite (generally less than 1%) is commonly present. This forms the most common phase of the Thuya Batholith and shows little variation throughout the batholith. In the north central part of the area mapped a variation of the hornblende granodiorite unit is recognised by its greater biotite content (generally greater than 5%) (Unit 2B) which, in places, exceeds that of hornblende.

Intruding Unit 2 is an intrusive complex which ranges in composition from pyroxenite to diorite and minor quartz diorite. In the southeastern part of the area mapped coarse grained clinopyroxenite crops out on a prominent hill and in road outcrops, along with (?)interlayered peridotite (Unit 3A). These rocks have been variably serpentinised and in many cases primary textures are difficult to recognise. No attempt was made to separate the pyroxenite from the peridotite at the scale of mapping. To the east ultramafic rocks grade into gabbro and medium to fine grained clinopyroxene - bearing hornblende diorite while to the north ultramafic rocks are in fault contact with gabbro. Small ultramafic stocks also occur intruding Unit 2 granodiorite outside the area shown on the accompanying map.

Fine to coarse grained pyroxene gabbro (Unit 3B) crops out in the northeastern part of the map area. Adjacent to granodiorite of Unit 2 the gabbro is fine grained and contains minor amounts of biotite, but away from the contact biotite

is absent and the gabbro is coarse grained to very coarse grained. This unit grades eastwards into pyroxene diorite and pyroxene hornblende diorite (Unit 3C) of typical texture and composition for this type of rock. However, diorite of Unit 3C grades eastwards into rocks which although of dioritic composition, have a hypidiomorphic granular texture and generally a lower mafic content than those of Unit 3C. Within this unit (Unit 3D) in some areas an increased potash feldspar content allows these rocks to be called monzodiorite; such rocks, however, do not appear to be common.

To the north of the area mapped rocks which texturally are similar to those of Unit 3D contain minor amounts of quartz although it is not clear at this stage whether the quartz is primary or secondary. Quartz monzonite has been reported in drill core obtained during a 1990 drilling programme by Corona Corporation in the area of Dum Lake, to the east of the area described herein.

Sedimentary and volcanic rocks of the Upper Triassic - Lower Jurassic Takla Group were not observed in outcrop during mapping of the Golden Loon prospect. In the extreme northeastern part of the map area abundant locally derived boulders of volcaniclastic sandstone and siltstone occur (Unit 1); these rocks crop out on the north facing slope to the north of the map area.

3.2 Structure and Metamorphism

The dominant structural style of the geology of the Golden Loon property is that of brittle fracturing with no accompanying penetrative deformation. Two dominant fracture sets occur throughout the intrusive rocks of the area, one at about 330° and the other at about 030°. Both sets of fractures dip moderately to steeply although some shallowly dipping fractures occur within diorite of Unit 2C in the

northeast. These shallow dips may be attributed to rotation by later fault movement.

From distribution of lithologies and from magnetic data two sets of faults may be interpreted to occur in the area of the Golden Loon prospect although no faults were observed directly. A northeasterly striking fault is interpreted to cut across the southeastern part of the area mapped from the spatial relationship of ultramafic rocks of Unit 2 and granodiorite of Unit 3. A fault with similar orientation is interpreted from the apparent offset of diorite of Unit 3C in the northern part of the map area. Both faults appear to have undergone dextral displacement and the northern side of each fault downdropped relative to the southern side. To the east of the area mapped a northwesterly striking fault, possibly related to the North Thompson River fault system, is interpreted from the relationship between Takla Group strata and a felsic intrusion which crops out along the east-facing slopes west of the North Thompson River.

Metamorphism of the rocks of the Golden Loon prospect is of low grade. Regionally extensive propylitization of granodiorite of the Thuya Batholith and of rocks along its eastern margin may be related to a regional lower greenschist metamorphic event but is more likely caused by a late stage metasomatizing event related to the cooling of the Thuya Batholith. To the northwest of the Golden Loon property, in the area of Wavey Lake, regional metamorphism is of zeolite grade.

3.3 Wallrock Alteration and Mineralization

As mentioned above, a weak propylitizing event has occurred throughout the Thuya granodiorite and has also affected rocks of Unit 3 along the eastern margin of the batholith. No sulphide deposition appears to have accompanied this event. Within the main granodiorite body of the Thuya Batholith propylitzation is manifested

as weak epidote alteration of plagioclase and slight chloritization of hornblende. Biotite, where present, is usually more chloritised than accompanying hornblende. Calcite has developed locally.

In parts of the Thuya Batholith fractures host quartz veins with minor pyrite and the development of limonite or goethite. These quartz veins appear to occur in a zone striking at about 020° through the central part of the grid area. The veins are commonly a few centimetres thick although they range from less than one to over 20 centimetres in thickness. Selvedges to the veins are usually limonitic while chloritization of mafic minerals within the granodioritic wallrock has commonly occurred. Quartz veins striking at about 320° were also mapped to the north of Thuya Lakes in the southwestern part of the map area. These veins are similar to those in the central part of the grid in that they contain pyrite and have a chloritic alteration envelope. However, unlike those in the central part of the grid, these quartz veins occur within granodiorite which has been subjected to mild shearing.

Immediately to the west of line 9000E on line 9200N is a zone exposed over a width of about 5 metres of strongly silicified granodiorite with limonite and minor pyrite but because of lack of outcrop, the extent of this zone could not be determined. Boulders of this altered granodiorite are abundant in the area; all appear to be locally derived.

Sericitic alteration with some associated ankerite or siderite occurs within moderately propylitically altered biotite-rich granodiorite near line 11600N at about 8600E. Minor pyrite is associated with this alteration zone which, however, could only be traced over a few metres. Similar alteration occurs within hornblende granodiorite in a road cut about 200 metres south of Eakin Creek bridge on the main Thuya Lakes access road.

Diorite of Unit 3C has been moderately to highly chloritised in the northeastern part of the map area and locally contains disseminated pyrite in amounts up to 1-2%. A few shallowly-dipping quartz veins also occur in this area; these veins are clearly younger than the chlorite alteration of the diorite. Minor amounts of pyrite also occur in gabbro to the west of this altered diorite.

4. DISCUSSION

4.1 Relationship Between Geology and Soil Geochemistry

For many elements there is a close relationship between element distribution in soils and lithology. This is especially true for those elements which are usually concentrated in mafic and ultramafic rocks, e.g. nickel, chromium, vanadium, iron and magnesium. The concentration of nickel in soils, for example, is highest over areas underlain by ultramfic rocks, less so over gabbro and diorite and lowest over granodiorite. Thus, the distribution of such elements can be used to interpret the nature of underlying bedrock in areas of poor bedrock exposure.

In the case of gold, there is a strong relationship between elevated gold concentrations in soils and biotite-rich granodiorite of Unit 2B suggesting that this unit, a rock type which shows little evidence of hydrothermal alteration in outcrop, has been primarily enriched in gold. On the other hand, anomalous gold in soils about line 9300N west of 9000E, is thought to reflect secondary enrichment related to zones of silicification with associated pyrite, such is exposed on line 9200N, immediately west of line 9000E. This area of anomalous gold in soils is also littered with boulders of gold-enriched silicified granodiorite which may have contributed to

the large soil anomaly. Zones of gold enrichment in bedrock may, in fact, cover a much smaller area.

For many other elements a geological basis for element concentration in soils is not obvious from the present mapping programme. However, this mapping has established that glacial dispersion is probably not a significant factor to be considered in interpreting metal distribution in soils and, thus, metal anomalies probably have local sources.

4.2 Gold Potential of the Golden Loon Prospect

The results of exploration to date suggest that, at least in some areas, gold mineralization occur within zones of silicification controlled by fracturing and shearing and which may occur in any of the rock types represented in the prospect area. Anomalous gold is associated with structurally controlled silicification in the Dum Lake area, a zone drilled by Corona in 1990. This zone is reported to be linear and to strike to the northwest, parallel to one of the two main fracture directions noted in the area. A silicified zone noted on line 9200N, west of line 9000E, appears to be within granodiorite which has undergone fracturing in a northeasterly direction, similar to the direction of quartz-filled fractures elsewhere in the area.

It is considered that silicification and quartz veining with a possible gold association probably occurred much later than magmatic activity in the region and, therefore, it is unlikely that there is a genetic relationship between the two events. Thus, a model of porphyry gold mineralization related to late stage hydrothermal fluids generated during the cooling of a pluton (such as the Thuya Batholith or the alkalic intrusion to the east) is unlikely to apply in the case of the Golden Loon

prospect. Instead, fracture controlled gold mineralization may be related to processes which occurred during emplacement of Quesnellia on to Mesozoic North America and later uplift of the amalgamated terranes (c.f. the Cariboo - Barkerville base and precious metal mesothermal veins).

The development of a conjugate fracture set, one striking to the northwest and the other to the northeast, may be the direct result of movement along northeasterly- striking faults which are interpreted to cut the area of the prospect. The formation of such faults to the north in the Quesnel Lake area is considered to have occurred no earlier than late Lower Jurassic and no later than Cretaceous. If fracture zones which now are silicified and contain pyrite are the result of northeasterly fault movement, then any associated gold mineralization can also be no older than late Lower Jurassic.

APPENDIX 2

TERRAIN ANALYSES/SURFICIAL GEOLOGY

PEGASUS
earth sensing
corporation

4761 COVE CLIFF ROAD
NORTH VANCOUVER, BRITISH COLUMBIA
CANADA V7G 1M8
TELEPHONE: (604) 929-0244
FACSIMILE: (604) 929-7231

June 29, 1992
Ron Wells

Placer Dome Inc.
1440 Hugh Allan Drive
Kamloops, B.C.
V1S 1L8

Dear Sir:

GOLDEN LOON, Little Fort
PEG 248--0192

Thankyou for giving me the opportunity of interpreting aerial photographs for terrain analyses/surficial geology of the Golden Loon Property, west of Little Fort in 92P8. These interpretations are portrayed on a map at a scale of about 1:30,000. I expanded the map scale in order to plot all of the polygons.

Prior to interpretation of soil anomalies in any terrain, it is mandatory to understand the geomorphological processes that generated the landscape. Are some of these processes still active and how have they transformed the surface? A terrain analyses solves some of these problems by assigning a genetic origin to landform units and the probable source direction? Only detailed field work can give a more localized source area and distance of movement.

Regional movement by the latest glacial advance in this area is from southwest to northwest on the upland. This east flowing ice is an early phase as a main valley glacier flowing north to south truncates these linears as demonstrated on the Terrain Analysis Map. Local directions of flow have been plotted on the photographs as ice will flow around obstacles before going over.

If one thinks of alpine glaciation as opposed to continental glaciation several differences are immediately evident. Continental glaciers moved as broad masses in relative straight lines over long distances. In Western Canada, continental ice moved south and southwest, up the regional slope to Western Alberta. The general low relief of the prairies did not cause large flow deflections.

In opposition to this are alpine glaciers which flowed around and between the mountains as well as over the tops of most of the peaks. Measuring ice directions then is very important in the field as aerial photograph interpretation generally only gives the regional movement.

I know you have probably read this before but I put it in in case not. Initiation of Cordilleran Glaciation began with Alpine glaciers originating in plateau ice centers. Ice flowed as ice river/streams down small valleys coalescing to form major valley glaciers which flowed downslope (south in this area).

In this area glaciers moving from the west scoured residual soils from the area scraping the weathered part of the hills bare. Upon deglaciation, very little material was deposited as till, bedrock is close to the surface. A map unit, **sbMbv**, signifys that much of the polygon has less than 1.5 meters separated by thicker zones of glacial till up to 3 meters thick.

Upon deglaciation, glacial ice on tops of hills in the west half of this area would melt first. Streams would run on the ice and generally along the ice boundary. Abandoned stream channels, cut into the underlying bedrock/glacial till are not observed except on the side hill of Eakin Creek on the northwest cornor of the map. As one approaches the North Thompson and Lemieux Valleys one can see that Eakin Creek built a high level delta on the west side of the valley. This shows that the base level of erosion was about 1700 feet Elevation OR that Eakin Creek 'Delta' flowed onto a valley glacier still plugging the main valley. (I personally favor this latter explanation other than we know that tectonic uplift/isostatic rebound is about 200 meters in this area.)

Although much of the Cordilleran of Western North America has been glaciated several times beginning as early as the Miocene it is reasonable to assume that the existing soils developed on materials which were eroded/mobilized/redeposited by the last glacial advance. For much of the area this is the case and the soils will all be Recent.

In the southwest part of this Property, surface soils will have a thin cover of washed fluvial materials and soil samples should probably get below this material into the C horizon of the soil. Actually this could be recognized by a grey material rather than rusty zones higher up. The problem of sampling in the washed material is a placerizing?? effect to some of the minerals--mainly gold.

Again, I have plotted thickness in black on the photographs. I had a problem due to the color photography. One is always looking at colors rather than shades, morphology, texture so I would have to guess that my non-glacial linears may well be glacial.

LINEAMENTS

All of the glacial lineaments have been plotted on the terrain analysis interpretation. In addition, I have tried to separate non-glacial lineament and depicted them as normal? faults. Because of the confusion, I have not plotted them on the maps. I have left my interpretation on the aerial photographs so you can determine exactly where the linears are. Yellow are faults?, blue is ice direction.

OVERBURDEN THICKNESS (meters)

I am not quite certain if this is truly scientific although it is somewhat above the realm of water witching. I could plot an isopach map given sufficient time and points. I only started this technique 2 years ago but have some relevant experience such as looking at about 25,000 aerial photographs in all parts of the earth over 26 years. This must help somehow. Other companies have planned backhoe/drill hole programs on this interpretation. I would appreciate your comments on the accuracy of this exercise.

TERRAIN ANALYSIS

A modified terrain analyses legend has been developed for this area The terrain analyses units have been separated firstly on the basis of genetic origin, then morphology, texture and thickness in a universal formula such as:

sbMv -E

so this would be interpreted as a sandy bouldery Morainal veneer (less than 1.5 meters in thickness over Rock) that has been eroded by surface streams creating channels. The channels will have a thin cover of washed materials overlying moraine.

Genetic Materials

C **COLLUVIAL**: Colluvium consists of materials which have moved downslope under the force of gravity. In this area colluvial sediments will consist of mainly of moraine, and unweathered to weathered rock particles that have rolled or slid down steep slopes or were transported there by avalanching to materials that have been slightly washed forming colluvial fans, to unaltered rock debris on the tops of the mountains.

F **FLUVIAL**: Fluvial materials are usually derived from the subglacial washing of bedrock and basal moraine as In this area more that 80% of the erratics and 100% of the fines will come from local areas.

Fluvial sediments range from silt derived from colluvial/alluvial fans to dirty gravel washed out from the local tills. In this area fluvial sediments are confined to stream valley except in the southwest cornor. In the Lemieux/Thompson valley very thick fluvial sediments occur as deltas, terraces and just fluvial on the floodplain.

M **MORAINAL**: Moraine, commonly called glacial till or diamicton, is usually composed of the 90 - 95% of comminuted fragments of local bedrock. In this area the moraine always consists of a silty sand intermixed with subangular boulders and angular rubble.

O **ORGANIC**: consist of inorganic and organic silts and clays with trace of sand mixed with organic debris.

A variety of modifying descriptors have been used in the map legend for morphology, texture, and thickness including active modifying processes for: **-S** for seepage, and **-E** or **-V** for eroded or channelled.

Thickness and Morphology

- **v** veneer < 1.5 meters thick
- **b** blanket > 1.5 meters thick
- **d** delta
- **f** fan shaped
- **i** inclined
- **l** level
- **p** plain
- **r** ridged
- **t** terraced

Texture(modified Wentworth)

- **s** silt
- **s** sand
- **b** bouldery
- **g** gravelly
- **r** rubbly

Erosional Modifiers

- **-S** seepage
- **-E** eroded
- **-V** gullies

Linear Features

- glacial ice flow
- rock structure

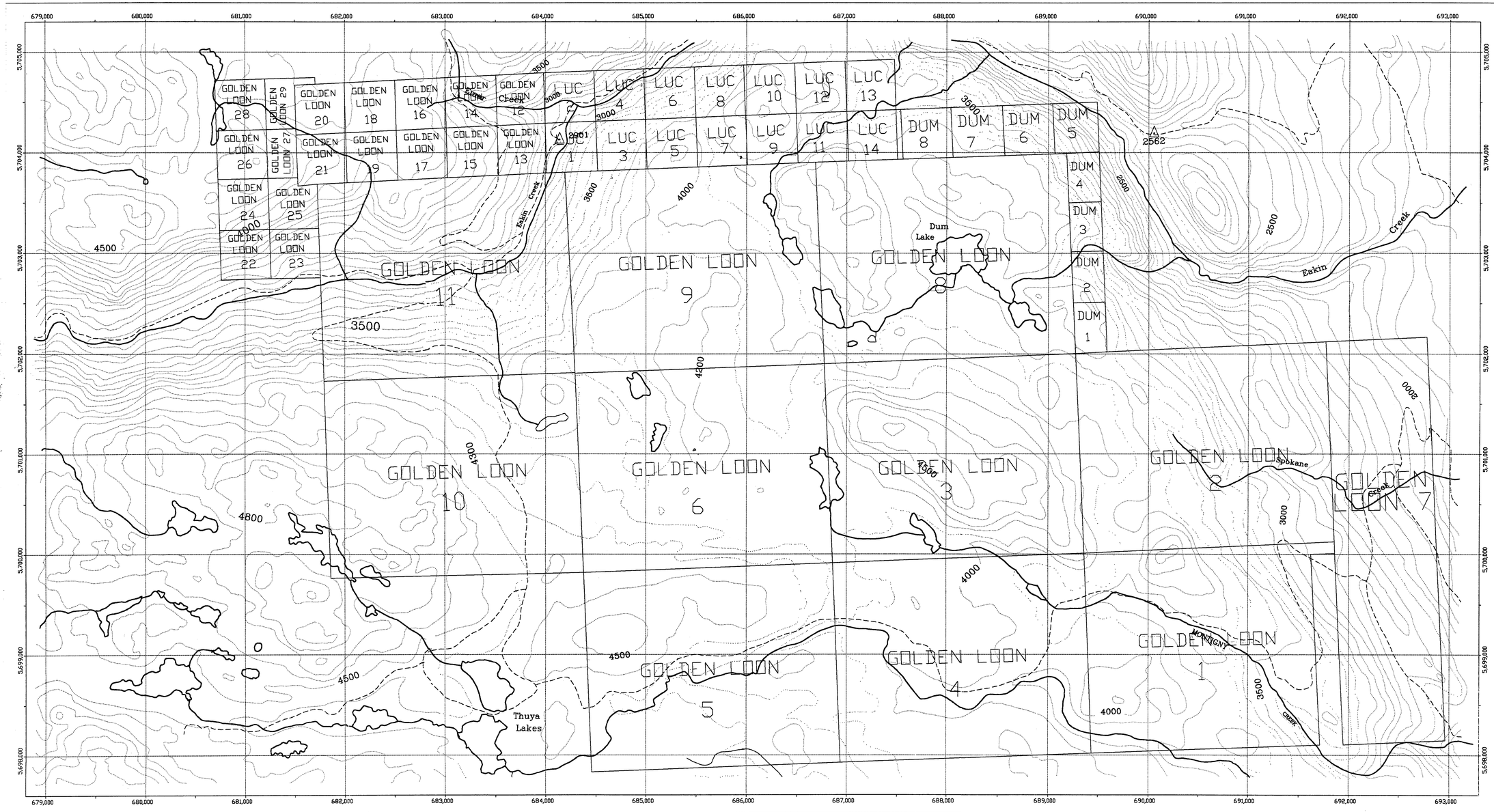
Stratigraphy

sgFv
sMb **a veneer of sand and gravel overlying a blanket of silty moraine or glacial till.**

I hope that you are able to use this interpretation for your program. I would be pleased to answer any questions that you might have.

Sincerely,

THF REIMCHEN P. Geol., P. Geol.



LEGEND

HYDRO

ROADS

4800 CONTOUR LINES

GOLDEN LOON 20 CLAIM BOUNDARY

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,818

DATA PLOTTED ON THIS MAP:
DIRECTORY: \EXPL\GOLDEN-L\GEOLOGY
RUN FILE: DABERUN

FIELD FILE
LINE GRID.UTM

UTM NORTH IS 2 DEG 53 MIN EAST OF TRUE NORTH

0 400 800 1200 1600
METRES

PLACER DOME INC.

DRAWN	JFM
DATE	93/01/11
SCALE	1:15000

GOLDEN LOON PROPERTY/TOPOGRAPHY

FIG.4 CLAIM MAP WITH TOPOGRAPHY

LEGEND

HYDRO

ROADS

4800 CONTOUR LINES

GOLDEN LOON 20 CLAIM BOUNDARY

DATA PLOTTED ON THIS MAP:
DIRECTORY: @EXPL/GOLDEN-L/GEOLOGY
RUN FILE: CADRE.RUN
FIELD LINE — FILE GRID.UTM

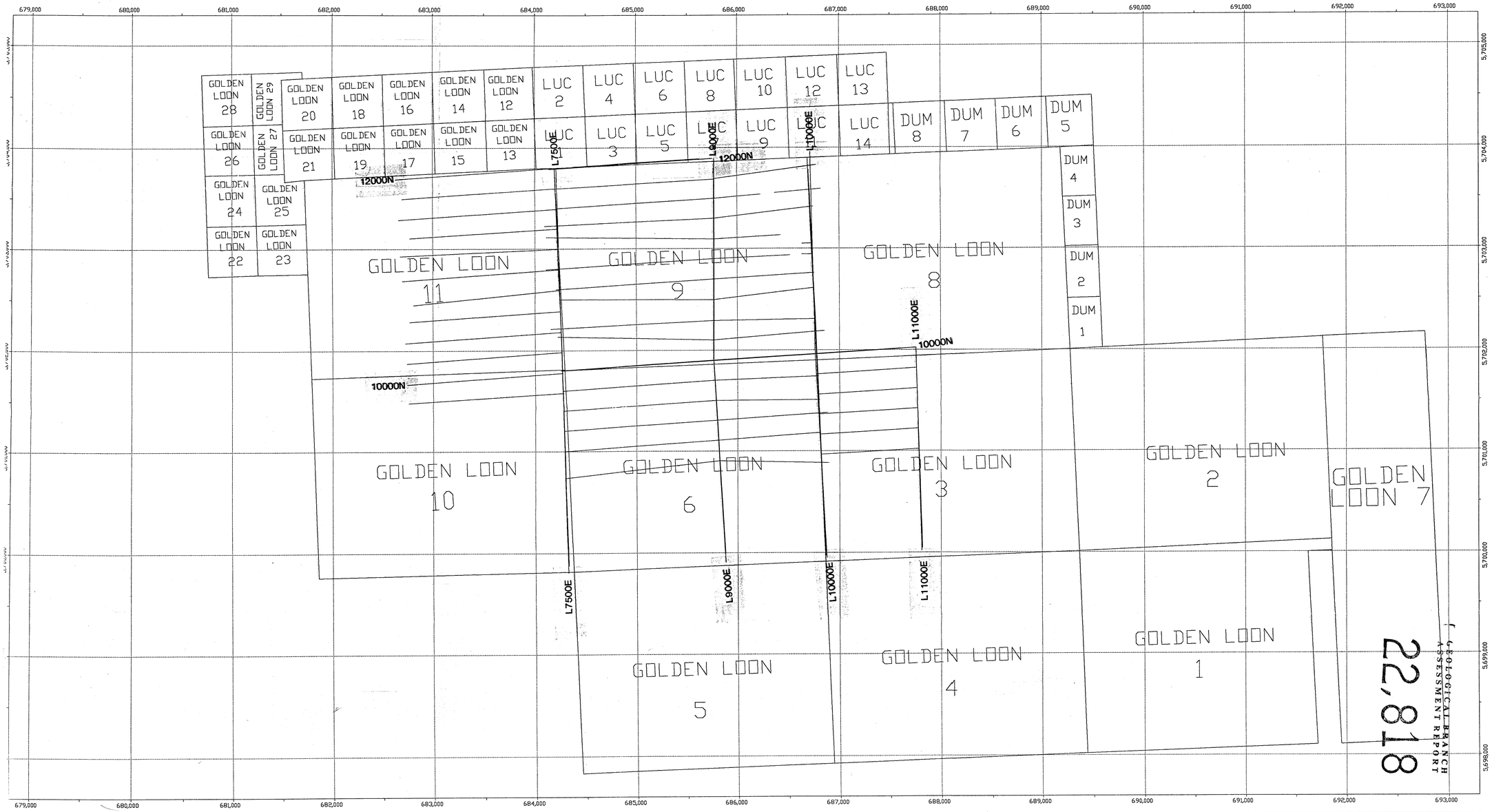
UTM NORTH IS 2 DEG 53 MIN EAST OF TRUE NORTH

0 400 800 1200 1600
METRES

GEOLOGICAL BRANCH ASSESSMENT REPORT

22,818

PLACER DOME INC.	
DRAWN JFM	GOLDEN LOON PROPERTY/TOPOGRAPHY
DATE 93-01-11	FIG.4 CLAIM MAP WITH TOPOGRAPHY
SCALE 1:15000	



LEGEND

HYDRO

ROADS

4800 CONTOUR LINES

GOLDEN LOON 20 CLAIM BOUNDARY

DATA PLOTTED ON THIS MAP:

DIRECTORY: \EXPL\GOLDEN-L\GEOLOGY
RUN FILE: CADRE.RUN

FIELD LINE — FILE GRID.UTM — CUT LINES

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METRES

PLACER DOME INC.	
DRAWN JFM	GOLDEN LOON PROPERTY/TOPOGRAPHY
DATE 93-01-11	FIG.5 CLAIM MAP WITH 1992 GRIDS
SCALE 1:15000	

682,000 683,000 684,000 685,000 686,000 687,000 688,000

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GOLDEN LOON 19	GOLDEN LOON 17	GOLDEN LOON 15	GOLDEN LOON 13	LUC 1	LUC 3	LUC 5	LUC 7	LUC 9	LUC 11	LUC 14	DUM 8

GOLDEN LOON 11

GOLDEN LOON 9

GOLDEN LOON 8

GOLDEN LOON 10

GOLDEN LOON 6

GOLDEN LOON 3

22,818

GEOLOGICAL BRANCH ASSESSMENT REPORT

DATA PLOTTED ON THIS MAP:

DIRECTORY: $EXPL/GOLDEN-L/GEOCHEM
RUN FILE: 99SOILLC.RUN

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PLACER DOME INC.

DRAWN JFM	GOLDEN LOON PROPERTY
DATE 93:02:08	GEOCHEM SAMPLE LOCATION MAP
SCALE 1:10000	**FIGURE 7.0**
	NO.

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LOON 18 | 16 | 14 | 12 | 2 | 4

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GOLDEN LOON 9

GOLDEN LOON 8

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GOLDEN LOON 5

GOLDEN LOON 3

22,818

CONTOURED DATA

25 to 49 ppb

>50 ppb

DATA PLOTTED ON THIS MAP:

DIRECTORY: $EXPL/GOLDEN-L/GEOCHEM
RUN FILE: 99SOILAU.RUN

	FIELD	FILE
x POINTS:	AU	92-93SOILS.ASS

UTM NORTH IS 2 DEG 4.6 MIN EAST OF TRUE NORTH

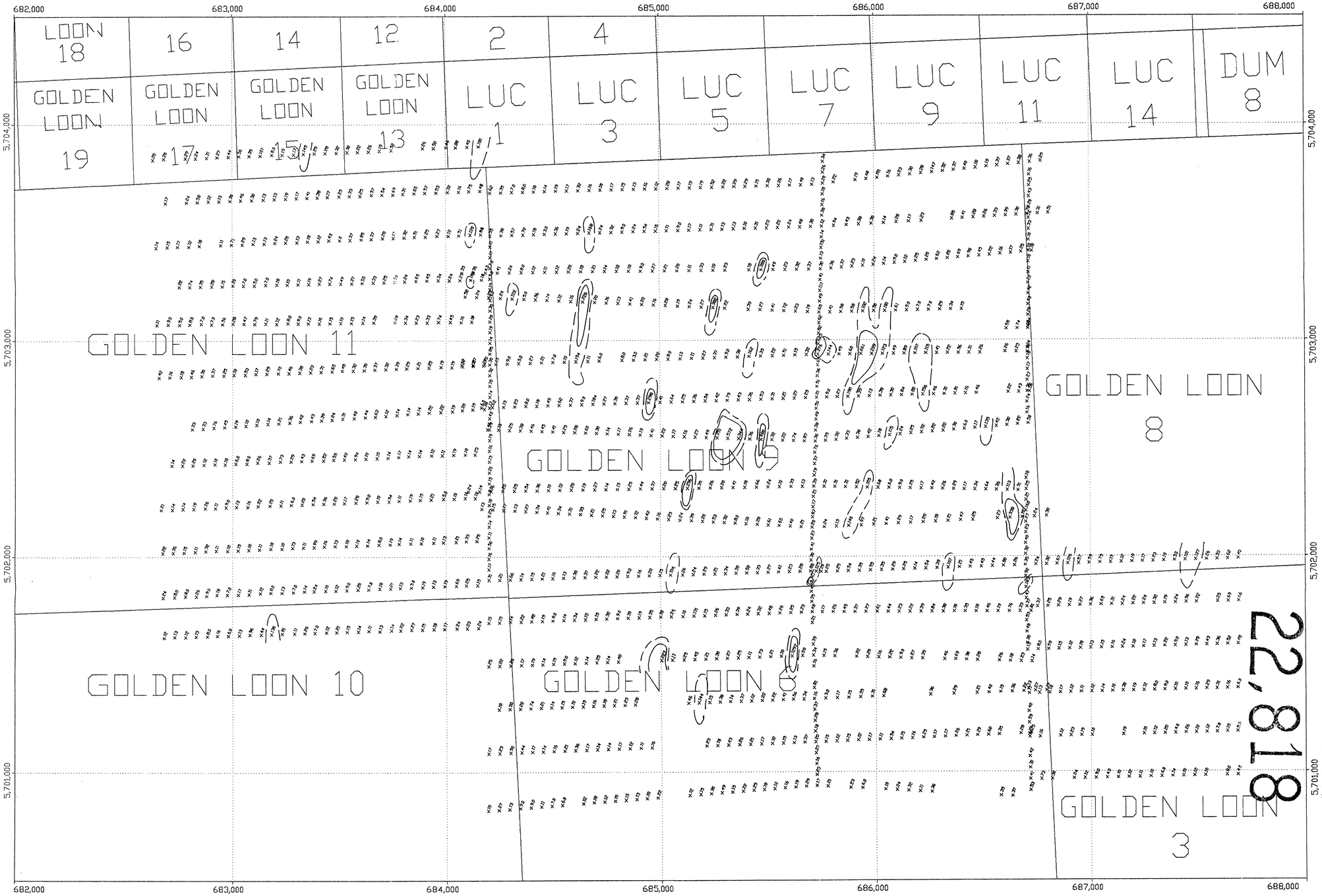
0 400 800 1200
METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

DRAWN	JFM
DATE	93:02:08
SCALE	1:10000

PLACER DOME INC.
GOLD (PPB) IN SOIL SAMPLES
NO.

FIGURE 7.1



CONTOURED DATA

100 to 199 ppm

>199ppm

DATA PLOTTED ON THIS MAP:

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	FIELD	FILE
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UTM NORTH IS 2 DEG 4.6 MIN EAST OF TRUE NORTH

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METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

PLACER DOME INC.

DRAWN	JFM
DATE	93:02:08
SCALE	1:10000

GOLDEN LOON PROPERTY
COPPER (PPM) IN SOIL SAMPLES

FIGURE 7.2

NO.

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LOON 18 | 16 | 14 | 12 | 2 | 4

GOLDEN LOON 19 | GOLDEN LOON 17 | GOLDEN LOON 15 | GOLDEN LOON 13 | LUC 1 | LUC 3 | LUC 5 | LUC 7 | LUC 9 | LUC 11 | LUC 14 | DUM 8

GOLDEN LOON 11

GOLDEN LOON 9

GOLDEN LOON 8

GOLDEN LOON 10

GOLDEN LOON 6

GOLDEN LOON 3

CONTOURED DATA

50 to 99 ppm

>99ppm

DATA PLOTTED ON THIS MAP:

DIRECTORY: $EXPL/GOLDEN-L/GEOCHEM
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UTM NORTH IS 2 DEG 4.6 MIN EAST OF TRUE NORTH

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METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,818

PLACER DOME INC.

DRAWN	JFM
DATE	93:02:08
SCALE	1:10000

GOLDEN LOON PROPERTY
LEAD (PPM) IN SOIL SAMPLES
FIGURE 7.3

NO.

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GOLDEN LOON 11

GOLDEN LOON 9

GOLDEN LOON 8

GOLDEN LOON 10

GOLDEN LOON 6

GOLDEN LOON 3

22,818

CONTOURED DATA

>99ppm

DATA PLOTTED ON THIS MAP:

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	FIELD	FILE
× POINTS:	ZN	92-93SOILS.ASS

UTM NORTH IS 2 DEG 4.6 MIN EAST OF TRUE NORTH

400 800 1200
METRES

GEOLOGICAL BRANCH
ASSESSMENT REPORT

PLACER DOME INC.

DRAWN JFM	GOLDEN LOON PROPERTY
DATE 93:02:08	ZINC (PPM) IN SOIL SAMPLES
SCALE 1:10000	FIGURE 7.4
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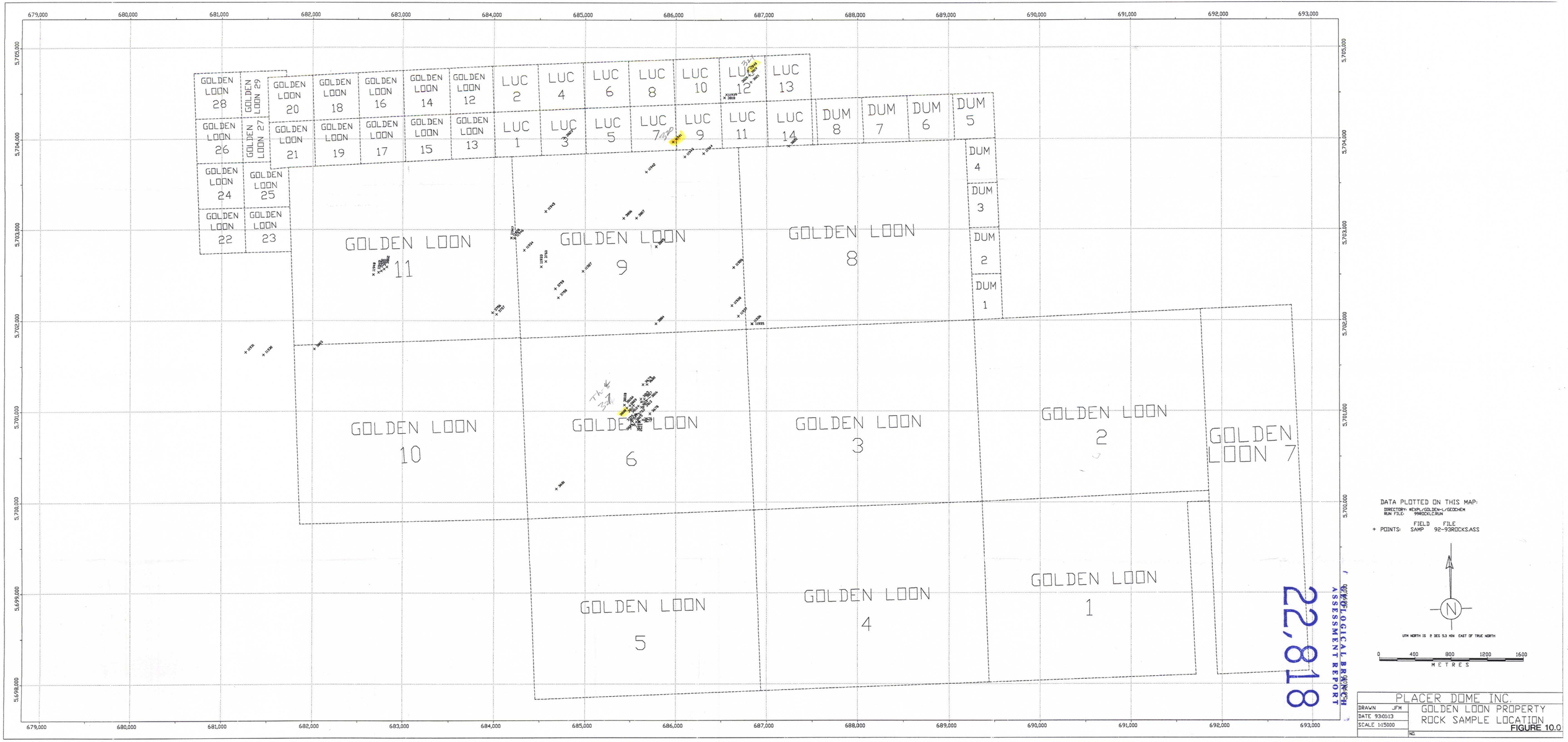
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DIRECTORY: \EXPL\GOLDEN-L\GEOCHEM
RUN FILE: 99ROCKLC.RUN
FIELD FILE
+ POINTS: SAMP 92-93ROCKS.ASS
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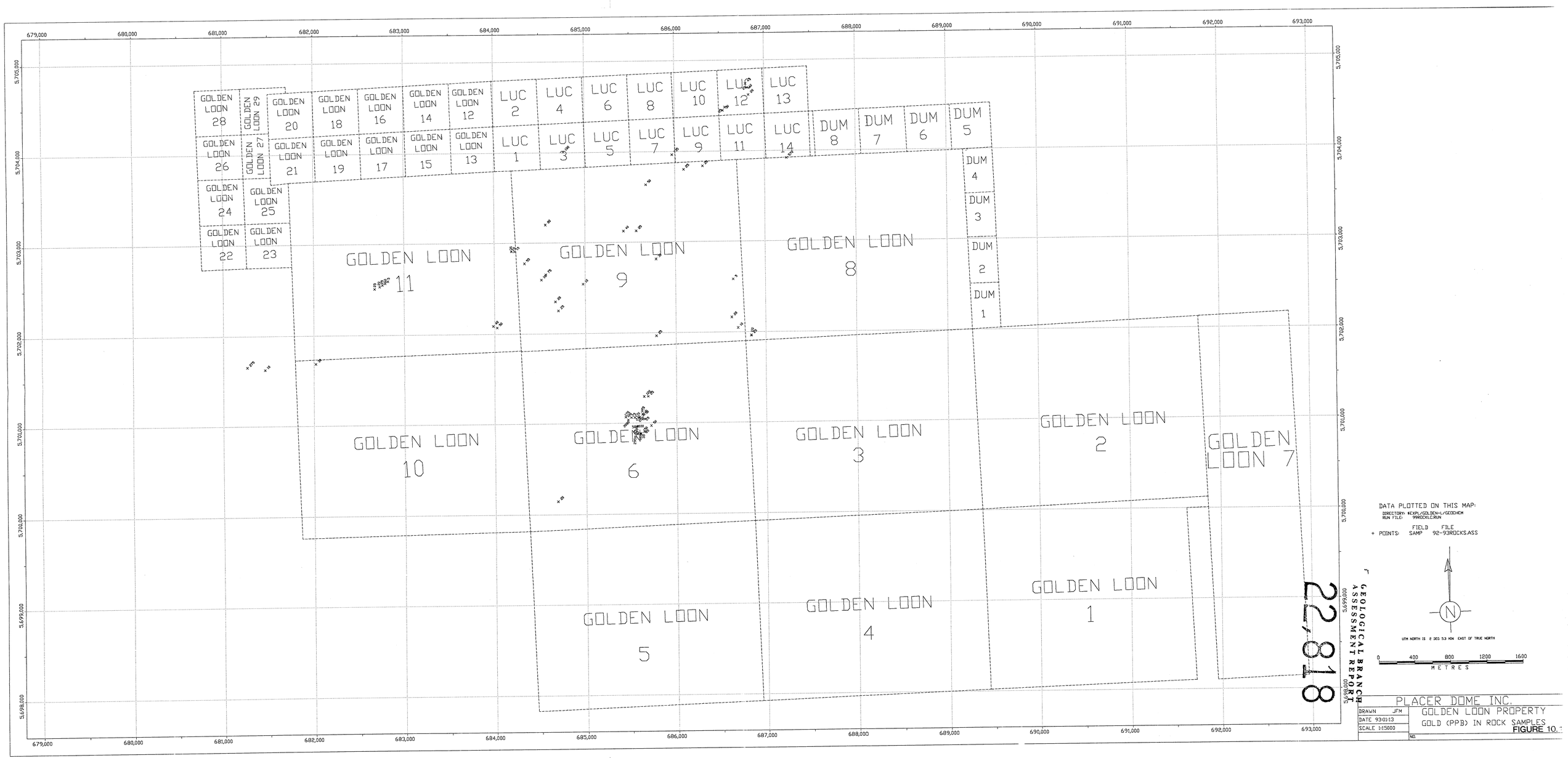
METRES
ASSESSMENT REPORT
22,818
PLACER DOME INC.
DRAWN JFM
DATE 93-01-13
SCALE 1:15000
GOLDEN LOON PROPERTY
ROCK SAMPLE LOCATION
FIGURE 10.0
NO.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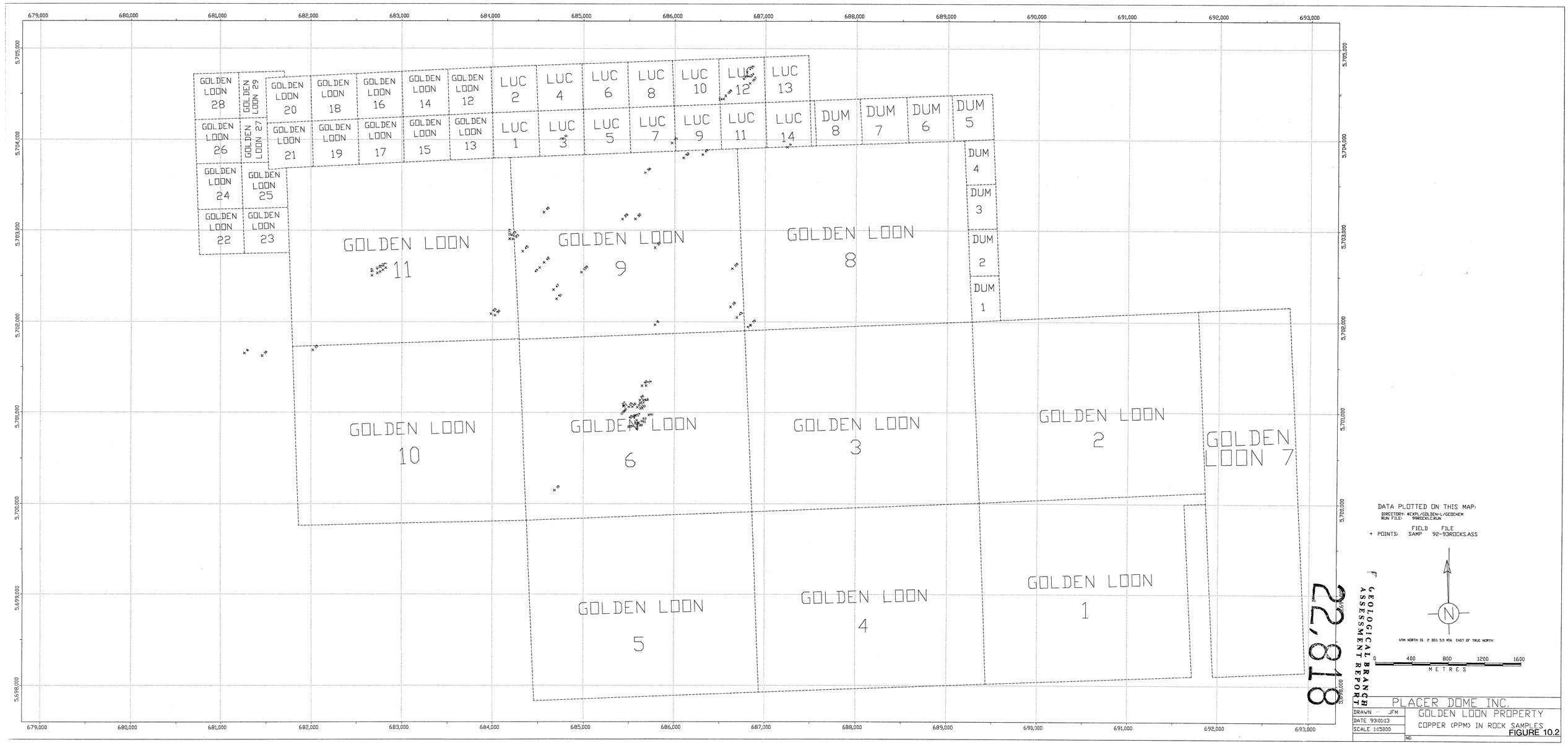
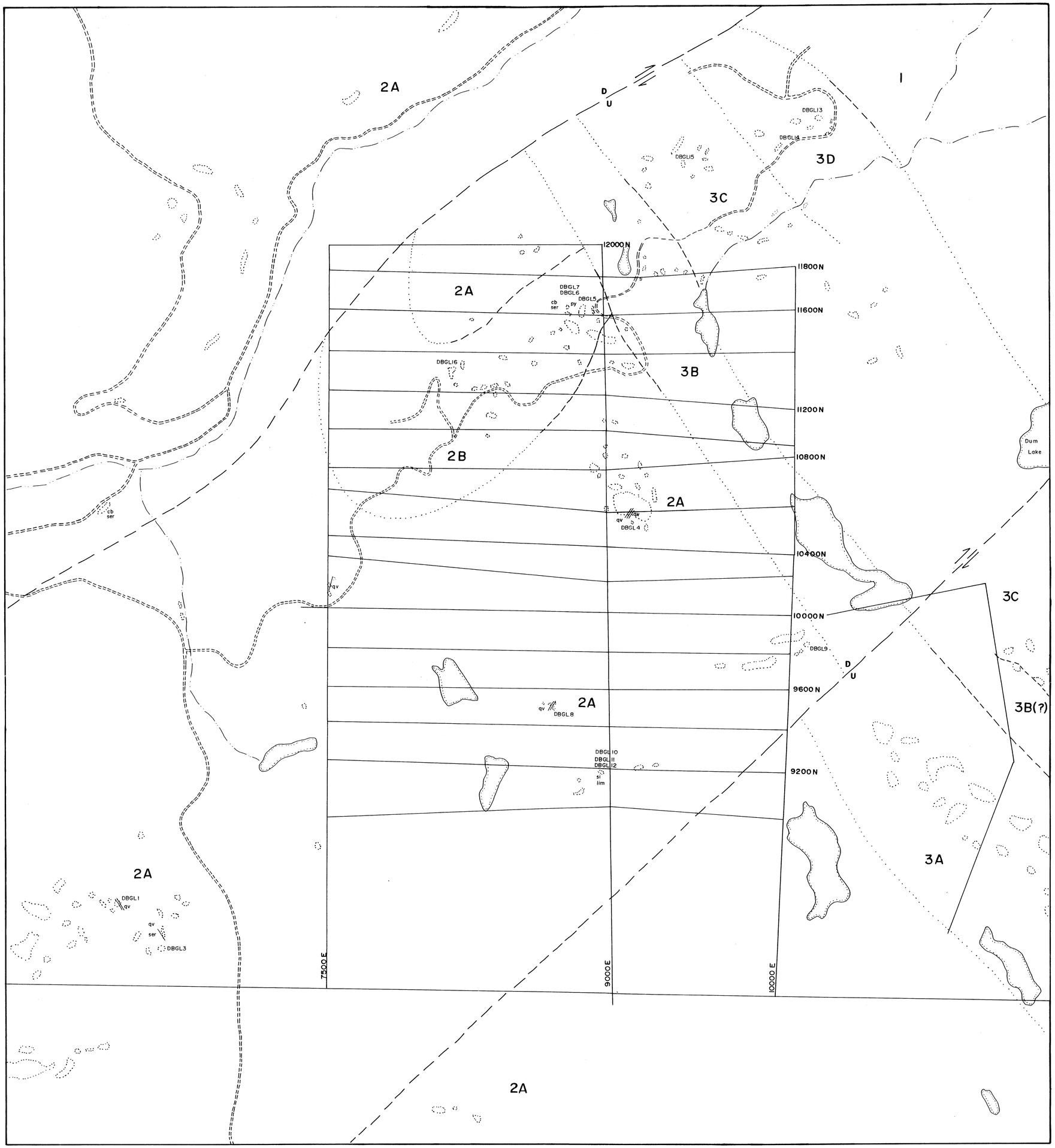
GOLDEN LOON 4
GOLDEN LOON 1
DATA PLOTTED ON THIS MAP:
DIRECTORY: \EXPL\GOLDEN-L\GEOCHEM
RUN FILE: 99ROCKLC.RUN
FIELD
FILE
+ POINTS: SAMP 92-93ROCKS.ASS
N
UTM NORTH IS 2 DEG 53 MIN EAST OF TRUE NORTH
0
400
800
1200
1600
METRES
GEOLOGICAL BRANCH
ASSESSMENT REPORT
22,818
PLACER DOME INC.
GOLDEN LOON PROPERTY
GOLD (PPB) IN ROCK SAMPLES
DRAWN JFM
DATE 93:01:13
SCALE 1:15000
NO.

FIGURE 10.



GEOLOGICAL BRANCH
ASSESSMENT REPORT

22,818



LEGEND

LOWER JURASSIC

3D	DIORITE: Medium grained, grey, green, equigranular: probably mainly of diorite composition but with some monzonite.
3C	DIORITE: Medium to fine grained hornblende diorite: some monzodiorite: minor gabbro and peridotite.
3B	GABBRO: Generally coarse grained clinopyroxene gabbro: becomes finer grained towards western margin, minor biotite.
3A	PERIDOTITE: Medium to coarse grained clinopyroxene-bearing peridotite, variably serpentinized: clinopyroxenite common in places.

UPPER TRIASSIC LOWER JURASSIC THUYA BATHOLITH

2B	GRANODIORITE: Medium grained hornblende granodiorite, biotite generally greater than 5%.
2A	GRANODIORITE: Medium grained hornblende granodiorite: biotite generally less than 1%.

UPPER TRIASSIC

I	TAKLA GROUP: Undifferentiated tuffaceous sandstone, siltstone and volcanic breccia.

SYMBOLS

- Geological contact: known, approximate, inferred
- Fault: approximate, inferred
- Outcrop or group of outcrops
- //qv Vein - quartz vein
- q quartz
- ser sericite
- cb carbonate
- py pyrite
- bx breccia
- si silicification
- lim limonite (goethite)
- X DBGL9 Sample location and number

GOLDEN LOON PROJECT

PLACER DOME INC.

GEOLOGY

FIGURE 11

GEOLOGY BY D.G.B. SEPT. 1992 1:10000