GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT

on the

GOLDEN LOON CLAIM GROUP

Kamloops Mining Division
NTS 92 P/8

for

MINETA RESOURCES LTD.
415-470 Granville Street
Vancouver, B.C.
V6C 1V5

Covering: **THE GOLDEN LOON I TO IX CLAIMS (INC.**
9 CLAIMS, 176 UNITS

Property Owner: **MINETA RESOURCES LTD.**

Operator: **MINETA RESOURCES LTD.**

Program Supervisor: **R.C. WELLS**
REGIONAL GEOLOGIST, CORONA CORPORATION
101-2985 AIRPORT RD.
KAMLOOPS, B.C.

April 24, 1990 R.C. Wells, B.Sc., F.G.A.C.

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SUMMARY AND CONCLUSIONS

The Golden Loon Property of Mineta Resources Ltd. is located at the edge of the Thompson Plateau, 6 kilometres west of Little Fort. There are 9 contiguous mineral claims with a total of 176 units.

The property lies near the eastern margin of the Intermontane Belt and covers the northeastern contact of the Thuya (granodiorite) Batholith with strongly faulted volcanic rocks belonging to the Nicola Group (Triassic). A northwesterly trending zone of ultramafic rocks occurs along a fault zone near the intrusive contact on the property.

Both Noranda (1960's) and Teck Corporation (early 1980's) have explored the property area for copper and to a lesser extent nickel. Mineta Resources Ltd. since 1987 has looked at the platinum and chrome potential of the ultramafics as well as gold and base metals in the volcanic and dioritic intrusive rocks to the north. Recently, exploration has concentrated on the latter. Prospecting of gold anomalies (soils) has revealed several areas of quartz vein float yielding gold values up to 1.7 oz/t.

The 1989 exploration programs on the property were in two areas - Dum Lake and Montigny Creek. At Dum Lake, the original Grid 3 was extended to the east (Grid 5) and soil sampled (Mineta/Corona Corp.). A separate geochemical and geological survey was completed on Grid 3 by Placer Dome Inc. White Geophysics Inc. completed magnetometer and 2 station VLF surveys on Grid 5 and on Grid 4 (Montigny Creek). The geophysical work is detailed in a separate appended report.

The 1989 surveys confirmed that the area south of Dum Lakes and north of the ultramafic unit is underlain largely by dioritic intrusive rocks. There are a number of gold geochemical soil anomalies which commonly have an easterly trend. The more continuous anomalies occur mainly on Grid 3 but do extend on to the western 500 metres of Grid 5.

In certain parts on Grid 5, quartz vein material within predominantly dioritic float has had limited transport. A number of samples have produced significant gold, silver copper and lead values.

The next exploration step is to test the area south of Dum Lakes with a number of long trenches. Induced polarization surveys may be useful in detecting silicification with disseminated sulfides.

INTRODUCTION

The purpose of this report is to present the results of a number of exploration programs conducted on the Golden Loon Property in Kamloops Mining Division during 1989. This work was by Mineta Resources, Placer Dome Inc. and White Geophysical Services and was directed or monitored by R.C. Wells B.Sc., F.G.A.C.

The total cost of the 1989 programs was $30,000. In addition, $5,200 were withdrawn from the PAC account of Mineta Resources Ltd. to bring the total assessment credit to $35,200. [illegible].

LOCATION AND ACCESS

The Golden Loon claim group is covered by NTS sheet 92P/8 and is centered 6 kilometres west of Little Fort, B.C. Little Fort is a small settlement on Highway 5, a hundred kilometres north of Kamloops. A network of well travelled forestry and logging roads affords good access to most parts of the property from both Little Fort to the east and Thuya Lakes Resort to the west (Figure 1).

PROPERTY

The property described in this report consists of 9 contiguous mineral claims (modified grid) totalling 176 units in Kamloops Mining Division (Figure 2). The claims are:

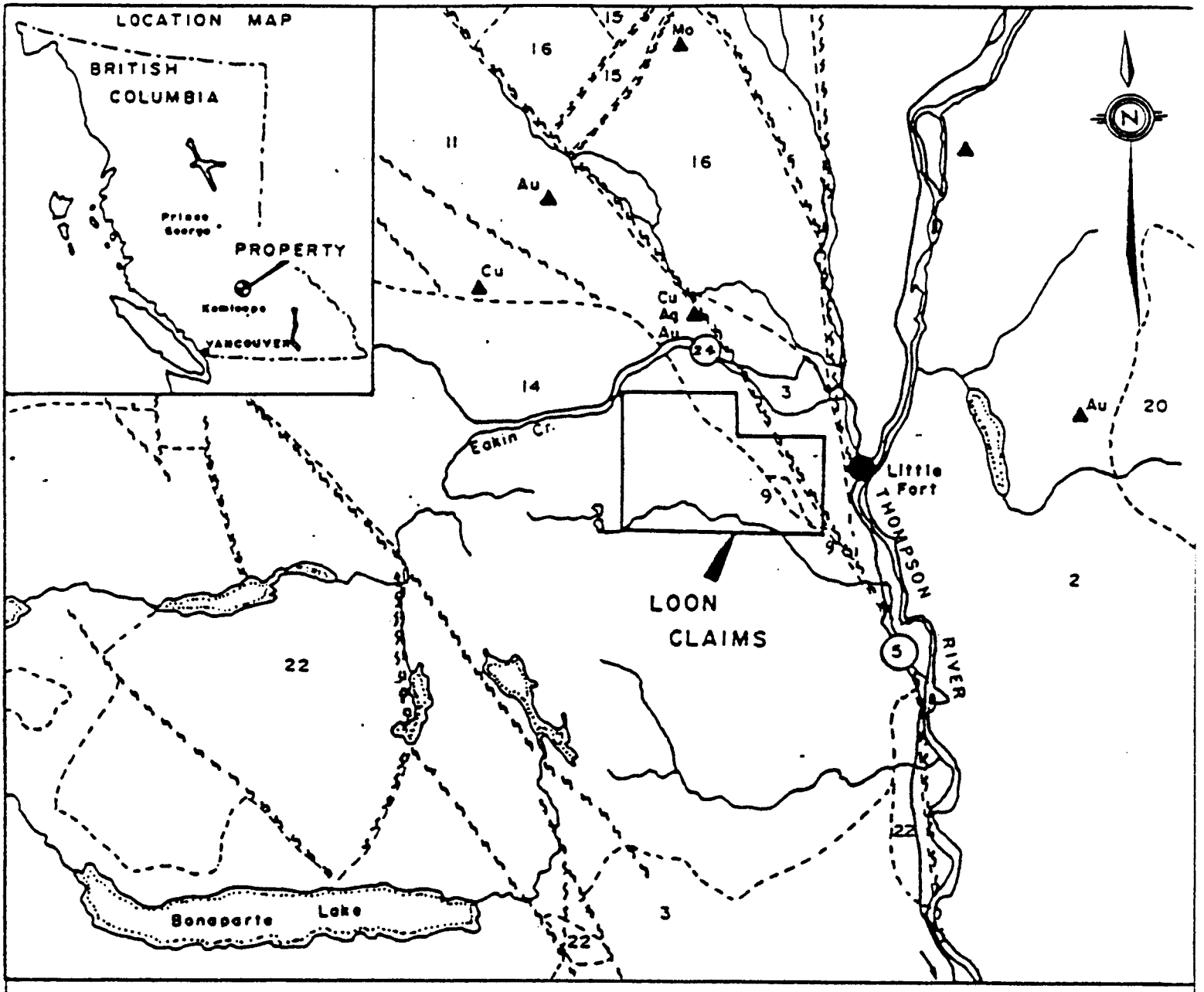
Claim Name	Units	Record Number	Previous Expiry Date
Golden Loon I	20	5541	9 March 1990
Golden Loon II	20	5542	9 March 1990
Golden Loon III	20	5543	9 March 1990
Golden Loon IV	20	5544	9 March 1990
Golden Loon V	20	6539	7 March 1990
Golden Loon VI	20	6540	7 March 1990
Golden Loon VII	16	6549	14 March 1990
Golden Loon VIII	20	6550	14 March 1990
Golden Loon IX	20	6556	27 March 1990

PHYSIOGRAPHY AND VEGETATION

Much of the property occupies an undulating plateau region of between 1100 and 1400 metres elevation lying to the south of Eakin Creek gorge. The eastern part of the property covers the edge of the plateau and the western valley slopes of the North Thompson River (at 440m elevation).

Vegetation on the property is generally thick with stands of mature pine and/or poplar. Large parts of the western area have thick alder growth on gravel ridges separated by low swamp. The

higher ground of the claims was partially logged ten to fifteen years ago and there has been some recent logging activity (1989), south of Montigny Creek.



LEGEND

22	SKULL HILL FORMATION (TERTIARY) Felsic to intermediate volcanics.
20	RAFT AND BALDY BATHOLITHS (Cretaceous) Granitic intrusives.
16	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.

▲ Mineral occurences

Major faults

8 0 5 10 Kilometres

MINETA RESOURCES LTD.

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

DRAWN BY K.G.	N.T.S. 92-P-8
Feb. 1987	FIG. 1

HISTORY AND PREVIOUS WORK

During the early 1920's, interest was generated in the placer gold deposits of Eakin Creek. Gold was discovered in Lemieux and Eakin Creeks, as well as in some of the tributaries from the west. In 1923, placer claims were held on Eakin Creek for 1.5 miles upstream (just north of the property) from its junction with Lemieux Creek. (Figure 5) Coarse gold was found in the higher bench gravels but not in significant commercial quantities. The source of the placer gold in Eakin Creek has never been located.

Noranda Explorations, Kira group, explored the property area in the 1960's with copper as the main target. As a follow up to stream and lake silt sampling, the area was covered by a large soil grid with 800 ft. spaced lines and 200 ft. sampling intervals. Samples were run for Cu, Ni, and a few for Mo. A series of strong nickel anomalies in the 100 to 2000 ppm range trend northwest and lie to the south of Dum Lake (Figure 2). No detailed follow up on any of the anomalies is recorded.

The western part of the property was covered by the Minerva claims held by Teck Corporation in 1980 and 1981 with copper again as the target (Figure 3). A 60 kilometre flagged grid was used for soil geochemistry (Cu, Ag, Mo), reconnaissance geological mapping and ground magnetic surveys. A series of strong positive, magnetic anomalies trending northwest were found to cover Noranda's nickel in soil anomalies. Teck's mapping indicated this was a large ultramafic body of pyroxenite to peridotite composition. A number of coincident Cu, Ag soil anomalies were outlined and many of these are located close to the edge of the magnetic anomalies (ultramafic intrusive) as shown in Figure 3. Teck's report by P.G. Folk (No. 9061, 1981) recommended running soils for gold and further work on coincident Ag-Cu soil anomalies south of Dum Lake. Neither was done.

An airborne magnetic survey (DEMR 1968 Airborne Magnetic Survey Series 52249) shows a strong, positive, magnetic anomaly of greater than 3000 gammas relief trending northwest across the

northern part of the property (Figure 5). This feature coincides with Teck's ground magnetic anomalies (ultramafic unit). It is probable that the ultramafic body is located within the 4500 gamma contour shown in Figures 2, 3, and 5.

The Golden Loon VII claim covers the western half of the previous Fir Group (1980's, De Bock brothers). This 2 claim group (30 units) covered part of a major north-westerly trending fault (Figures 2, 3, and 4). Old trenches near the western edge of the claim expose strongly silicified, ultramafic rocks with much chalcedony, quartz and disseminated magnetite, pyrite and minor galena.

The Golden Loon Property was staked by L. Lutjen between 1984 and 1986 with gold and platinum as the targets. During 1984 and 1985, work by Barnes Creek Minerals on the property consisted of prospecting and sampling in favourable areas defined by previous surveys (Noranda, Teck). In 1986, a 7.0 km grid was cut to cover the old trenches with silicified ultramafics on Golden Loon VII. The grid is shown in Figure 4 and covers one of the nickel in soil anomalies outlined by Noranda (Figure 2). Soil geochemical (Au, Ag, and As), magnetic and VLF surveys were conducted over the grid. Anomalous gold values (up to 110 ppb) cluster in the northwestern part of the grid. Magnetics suggest that the grid is underlain by ultramafics. Variations within the more magnetic area may be explained by alteration of the ultramafics (silicification). The VLF survey indicated two northwesterly trending fractures cutting the ultramafics (Figure 4). The more easterly of these may also coincide with the eastern margin of the ultramafics (fault contact?). Most of the higher gold in soil values (750 ppb) occur close to the VLF features which suggests that structures parallel to the Loon VII fault may be mineralized.

Mineta Resources optioned the Golden Loon property from Larry Lutjen in 1987. There were two main targets that were addressed by Mineta's 1987 exploration program: 1) platinum group elements and chromite within the main ultramafic unit, and 2) precious metals, gold and silver in structures/veins at the margins to the

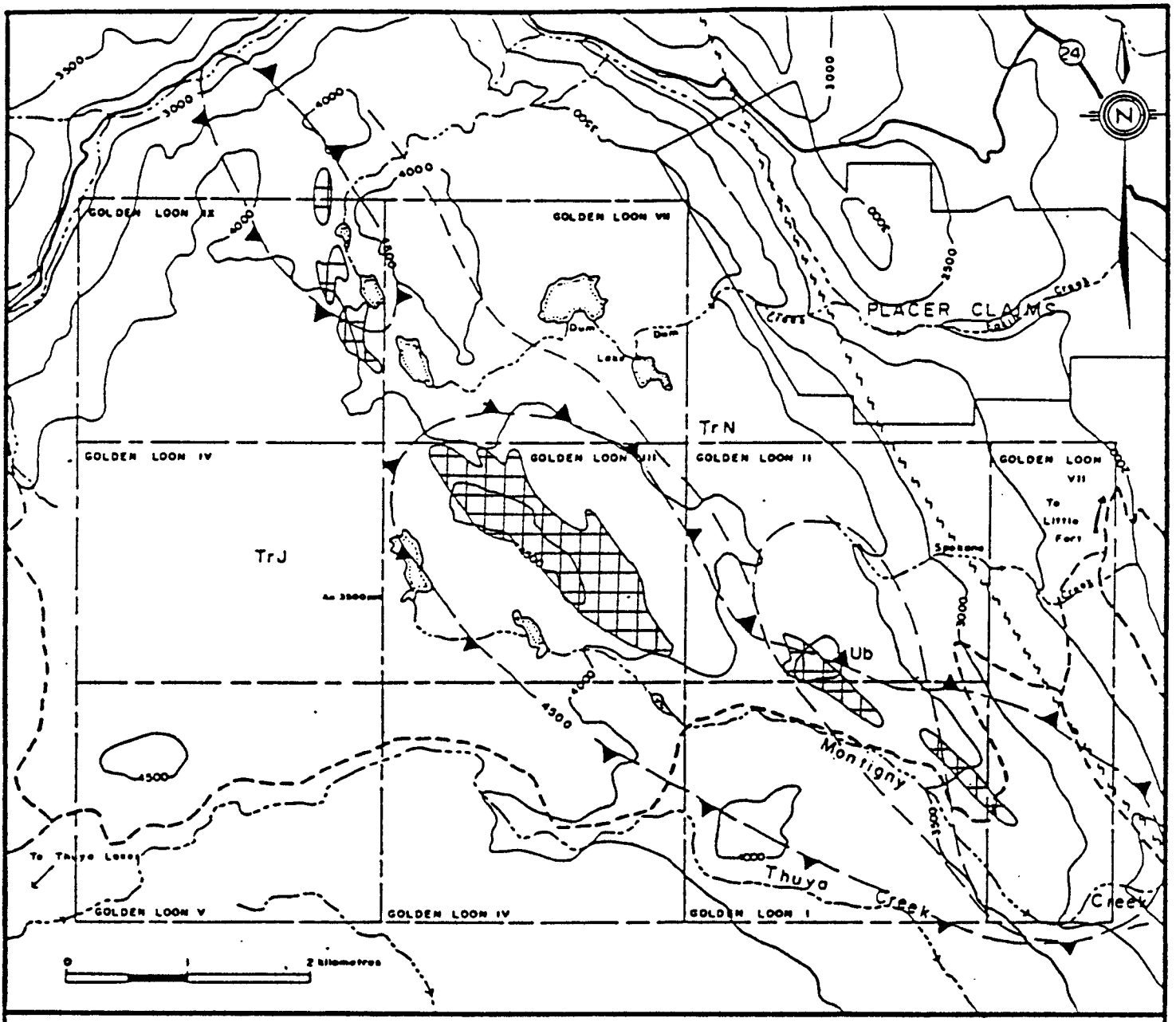
ultramafic. A large grid was cut to cover the ultramfic unit and area to the north with 500m spaced lines. Geochemical surveys were conducted over the grid and all drainages on the property. These surveys outlined a number of gold and silver anomalies south of Dum Lake along an interpreted structural break (east trending, fault-zone). Weakly anomalous platinum values were obtained from lithogeochemical samples taken from pyroxenitic bands in the ultramafic unit.

Phase I of Mineta's 1988 exploration program (Figure 4) on the property consisted of detailed follow-up, line cutting, geochemical and geophysical surveys on the 1987 geochemical anomalies south of Dum Lake. A wide belt of gold in soil anomalies over 1200 metres long and 800 metres wide with local 'spot highs' greater than 1000 ppb was outlined south of Dum Lake. The anomalous area correlates well with a magnetic 'low' north of the main ultramafic unit. VLF anomalies also correlate well with individual gold anomalies and probably represent east trending structures. A sample taken from a quartz boulder very near a high gold in soil value (>1000 ppb) and on a short VLF anomaly yielded a gold value of 1.1 oz/t with high lead and silver.

Phase II, 1989 exploration by Mineta (Figure 4) concentrated on two main areas on this large property: Montigny Lake (central, Grid 2) and Chalcedony Zone (Grid 4) in the southeast. Both areas had been previously explored by Mineta in 1987 and were subject to more detailed grid coverage with soil geochemical surveys in 1988. Magnetic and VLF surveys were conducted only on Grid 2 by White Geophysical Services of Vancouver.

On the Montigny Lake Grid (2) a number of weak to moderately strong Cu, Ni and Cr geochemical anomalies trend northwest and appear to be stratigraphically controlled by certain ultramafic units. A similar control is suggested for VLF and magnetic anomalies with the same trend (higher magnetite concentrations).

On the Chalcedony Zone Grid (4) a number of strong copper (locally with coincident gold) geochemical anomalies were identified. These anomalies overlie uncertain geology. The source for gold in Montigny Creek is not clear.



LEGEND

Airborne magnetic anomaly. 4500 gamma isomagnetic contour.
(Cho Choo sheet GSC series 5224 G)

Nickel in soils anomalies (Ni >100 p.p.m.)
From NORANDA (1967) Report # 1055

TrJ	Thuya Batholith (Triassic, Jurassic). Granodiorite.
TrN	Predominantly Nicola Group (Triassic) Volcanics and Sediments.
Ub	Ultramafic Intrusive (Permian/Triassic) Serpentine.
	LOON VII Fault.

Geology after Campbell and Tipper (1971)
Unchanged

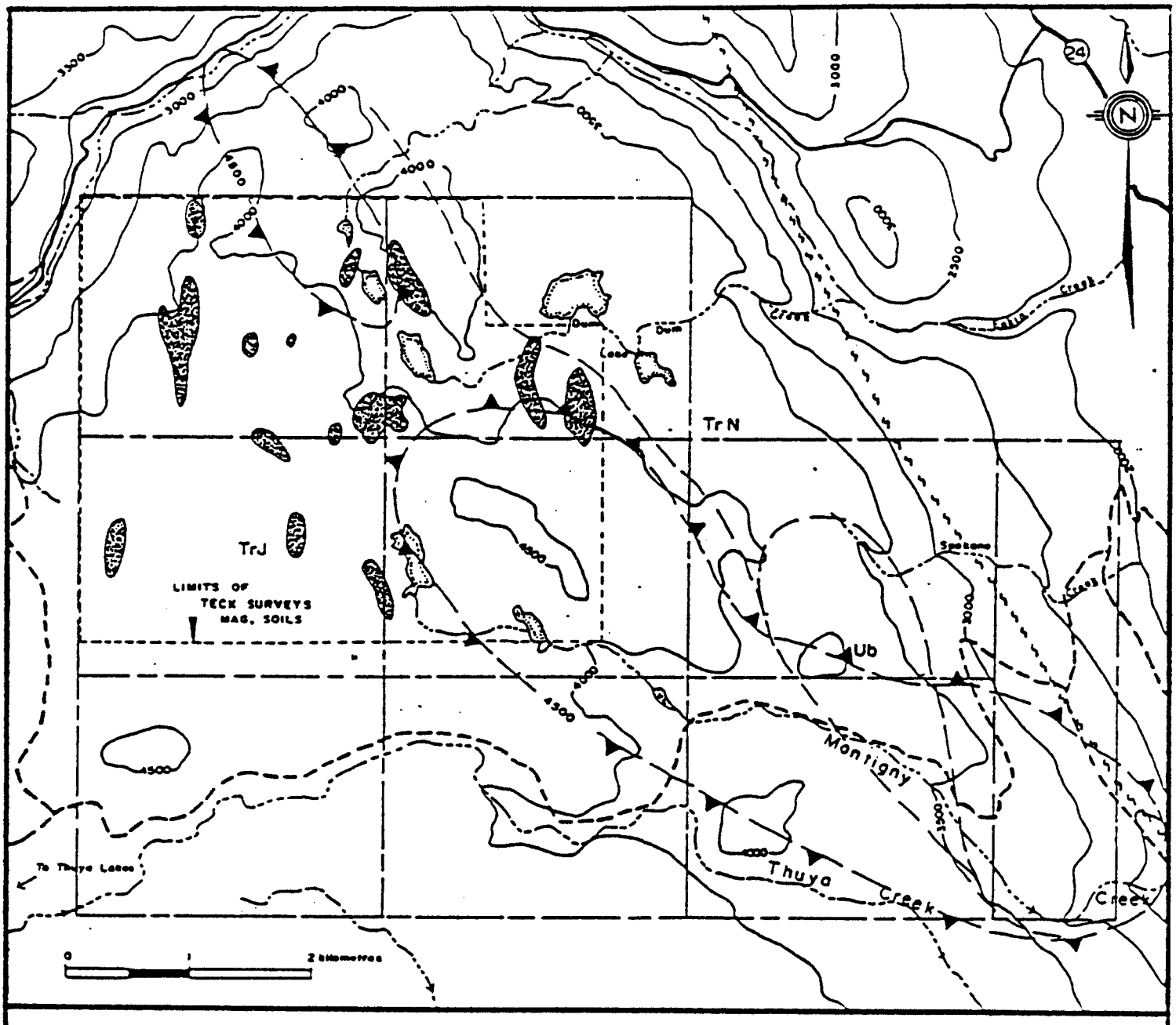
MINETA RESOURCES LTD

GOLDEN LOON PROPERTY

DATA COMPILATION I

LITTLE FORT AREA, KAMLOOPS M.D.

Drawn by K.G.	N.T.S. 92-P-8
Feb. 1987	Fig. 2



LEGEND

Airborne magnetic anomaly. 4500 gamma isomagnetic contour.
(Chu Chua sheet GSC series 3224 G)

Coincident Cu (> 100 ppm) Ag (> 1.5 ppm) in soil anomalies.
From TECK CORPORATION (1981) REPORT # 9061

TrJ — Thuya Batholith (Triassic, Jurassic). Granodiorite.

TrN — Predominantly Nicola Group (Triassic) Volcanics and Sediments.

Ub — Ultramafic Intrusive (Permian/Triassic) Serpentine.

LOON VII Fault.

Geology after Campbell and Tipper (1971)
Unchanged

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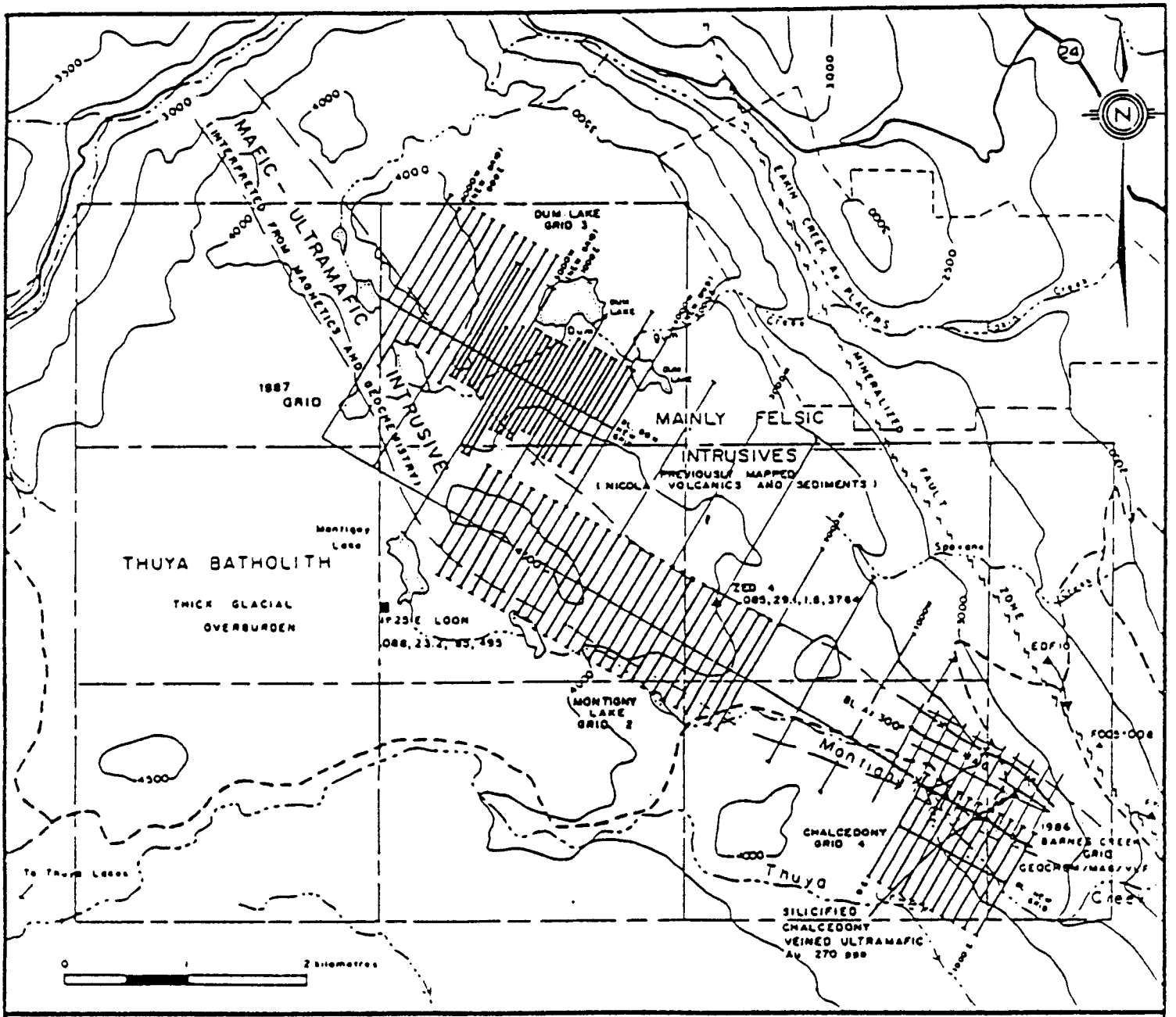
GOLDEN LOON PROPERTY	
DATA COMPILATION 2	
LITTLE FORT AREA, KAMLOOPS M.D.	
Drawn by K.G.	N.T.S. 92-P-8
Feb. 1987	Fig. 3



LEGEND

GEOCHEMISTRY

- ■ ▲ 08, 23, 85, 496 — Sample location Au oz/T, Ag, Cu, Pb (ppm)
- ■ ▲ FOOS — Sample location (See Table I for values)

GEOPHYSICS BARNES CREEK 1986 GRID

- —x—E—x— VLF Anomaly (Fraser Filtered) 1986
- —MAG— Magnetic Anomaly Axis 1986

GEOLOGY

- – – – Interpreted geological contact
- ~ – ~ LOON VII fault zone

1988 MINETA GRIDS

1987 MINETA GRIDS

MINETA RESOURCES LTD.

GOLDEN LOON PROPERTY

DATA COMPILATION 3

LITTLE FORT AREA, KAMLOOPS M.D.

Drawn by K.G.	N.T.S. 92-P-8
October 1988	Fig. 4

REGIONAL GEOLOGY AND MINERALIZATION

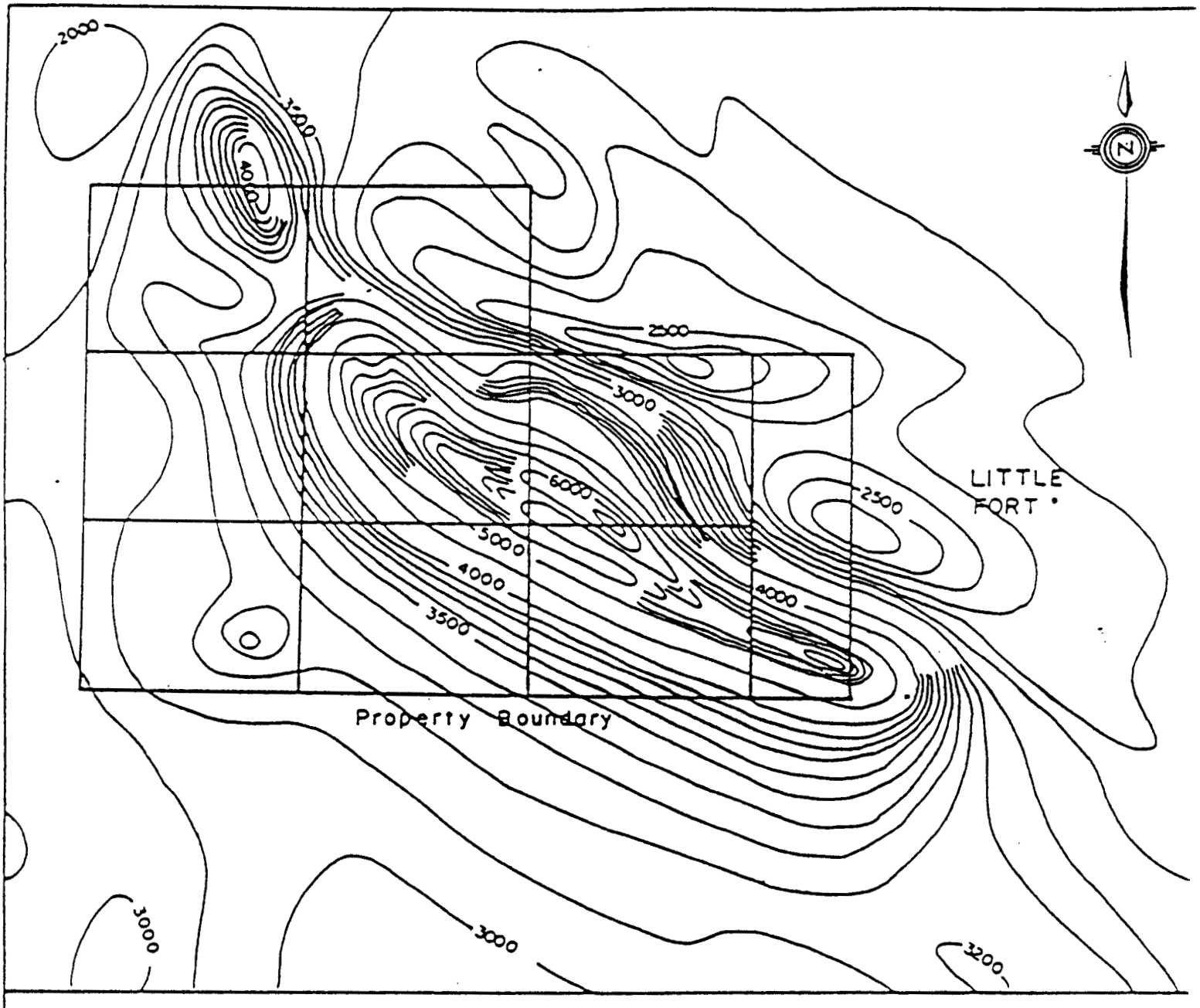
The regional geology of the Little Fort area is simplified in Figure 1 which is largely based on GSC Map 1287A accompanying the Bonaparte Lake Memoir 363 by Campbell and Tipper (1971).

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). South of Little Fort the fault zone is fairly narrow, separating deformed Fennel (Mississippian) and Eagle Bay Formation (Paleozoic) 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 strongly faulted volcanics (Nicola Group) to the north. A northwesterly trending zone of ultramafic rocks occurs along a fault zone (deep seated?) near the 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 north to northwesterly trending structures in close proximity to dioritic dykes.

Gold placers in Eakin Creek, 1.5 km northeast of Dum Lake are a strong indicator of gold mineralization on the Golden Loon Property.



LEGEND

3000

Magnetic contours in gammas.

From Chu Chua Sheet. GSC Series 5224 G

0 1 2 3 Km

MINETA RESOURCES LTD	
REGIONAL MAGNETIC MAP GOLDEN LOON PROPERTY LITTLE FORT AREA KAMLOOPS M.D., B.C.	
DRAWN BY K.G.	N.T.S. 92-P-8
Feb. 1987	FIG. 5

PROPERTY GEOLOGY AND MINERALIZATION

There are no records of any detailed geological mapping on the property area. The regional geological mapping by Campbell and Tipper (1971) is essentially correct for larger scale geological features, but in detail the picture is far more complex.

GEOLOGY

As shown on GSC Map 1278A (Figure 1), much of the southwestern part of the property is underlain by the Thuya Granodioritic Batholith (northern edge). This area is covered by thick glacial sands, gravels or swamp with sparse outcrops. The few outcrops that were encountered consist predominantly of coarse grained, locally porphyritic granodiorite.

From the work of Teck (1981) and Mineta, it is clearly evident that the GSC mapping does not give a complete picture of the geology north of the batholith. Figure 4 shows an interpretation of the property geology.

The Permian (?) ultramafic intrusives shown as two lenses on the GSC map (Figure 1) are in fact a continuous body striking northwesterly for over 7 kilometres (Figure 4) near the margin of the Thuya Batholith.

This unit stands out on regional airborne magnetic maps as a positive feature 2000 to 3000 gammas above background (Figure 5, GSC Series 5224G). Geological traverses in the area indicate the unit to be over 800 metres wide and compositionally layered with thick bands of dunite, peridotite and pyroxenite.

To the north of the ultramafics, limited outcrops indicate Nicola volcanics and sediments are intruded by diorites. The relationship between these intrusions and the Thuya Batholith is unclear.

Near the eastern edge of the property, a strong north to northwesterly trending fault zone truncates the ultramafic unit and Nicola rocks at the edge of the Thompson Valley system.

MINERALIZATION

Since 1986 a number of mineralized areas have been found on the property, either by prospecting or follow up to soil geochemical surveys (prospecting anomalies). These areas can be found easily on Figure 9.

1. The Loon VII Fault Zone (Golden Loon VII)

This fault or fracture zone is marked by a prominent topographic linear (valley) for some kilometres to the north. There are a number of copper showings (malachite) along a logging road which follows this valley within the Loon VII claim and to the south. To the west of the fault, there are numerous quartz veins, poorly exposed on the small ridge. A few of these have been sampled (Table 1). Those well exposed are generally narrow, 1 to 5 cm wide, locally with chalcopyrite, galena and pyrite. When these sulfides are present, highly anomalous silver values (up to 0.9 oz/t) are associated with elevated Pb values (1000 to 2000 ppm). Five kilometres to the north, probably on the same structure, significant Cu, Ag and Au mineralization occurs on another claim group (Cedars).

Also of some significance are highly coloured mineral springs with some ferricrete that issue in the North Thompson Valley just northeast of the property.

2. Silicified Ultramafics with Chalcedony (Golden Loon VII)

A series of old trenches occur on Golden Loon VII on the hillside above, and to the west of (1). Strongly brecciated, silicified and chalcedony veined ultramafics

are exposed in these trenches with magnetite and sparse pyrite and galena. Some samples from these trenches have yielded anomalous gold values up to 270 ppb (per. com. Larry Lutjen). In 1986 Barnes Creek did some detailed geochemistry and geophysics in this area which is described earlier.

3. Peripheral to the Ultramafics South of Dum Lake.

This area south of Dum Lake and north of the ultramafic unit was covered largely by Grid 3 and received geochemical and geophysical surveys in 1988. The soil geochemical survey outlined an anastomosing belt of gold anomalies with easterly trend (south of the Lake) which was over 1000 metres long and up to 800 metres wide. Local 'highs' in this area produced gold values (in soils) greater than 1000 ppb. These commonly correlated with weak eastwardly trending VLF anomalies (structures).

Follow up prospecting to these surveys (1988) located numerous quartz boulders and quartz subcrop. Some of these yielded values up to 37.95 g/t Au, 133.0 g/t Ag, 1.92% Pb and 0.2% Cu. These quartz veins appear to be either subcrop or float near to source and are closely associated with diorite.

Quartz float with similar geochemical signatures had been found by earlier prospecting (Lutjen) near Montigny Lake and 2.5 kilometres to the east on the Zed Road (Figure 4). Both samples produced gold values in the 2.5 g/t range and silver close to 30 g/t (with associated Pb to 0.4%).

THE 1989 EXPLORATION PROGRAM ON THE PROPERTY

INTRODUCTION

The 1989 exploration program on the Golden Loon Property consisted of work by several companies in two different areas. This work was completed between July and October 1989 and consisted of:

1. DUM LAKE GRID

   (a) The 1989 Dum Lake Grid 3 (Figure 4) was extended 1.8 kilometres to the east. This new grid was called No. 5. All line cutting was done by a team from Mineta Resources.

   (b) The same Mineta team completed soil sampling over the new grid using 25 metre stations.

   (c) Corona Corporation (R.C. Wells) monitored the above programs and financed the geochemical lab. costs.

   (d) Ground geophysical surveys consisting of magnetic and 2 station VLF were completed on Grid 5 by White Geophysics Inc.

   (e) Placer Dome Inc. (Kamloops Office) completed a small geochemical and geological survey on the original Dum Lake Grid (No. 3) as part of a first right of refusal agreement with Mineta.

2. MONTIGNY CREEK GRID (NO. 4)

   This grid was installed in 1988 (Figure 4) and covered by a soil geochemical survey (Mineta). In 1989, geophysical surveys were conducted over the same grid by White Geophysics Inc. consisting of ground magnetics and 2 station VLF.

All of the above work is being applied to the Golden Loon Property for assessment credit (1989). The total cost of this work is $30,000.

METHOD

1. LINE CUTTING

A new grid (5) consisting of a 1800 metre Base Line and 12.75 kilometres of survey line was cut, chained and flagged by Mineta resources (Figure 6). The origin of Grid 5 (0+00) is at the Base Line, Line 1800 E on the old Dum Lake grid (3). All survey lines are orientated at Azimuth 030^{o}, the same as those on Grid 3.

2. SOIL GEOCHEMISTRY

Soil samples were collected from the 'B' horizon at 25 metre intervals on the new grid (5) by a crew from Mineta Resources. A total of 506 samples were taken.

All samples were analyzed by Eco Tech Laboratories Ltd. in Kamloops, B.C. using atomic absorption for gold, silver and copper. Laboratory certificates are available in Appendix B.

3. GROUND GEOPHYSICAL SURVEYS

Ground magnetic and 2 station VLF surveys (Cutler and Seattle) were run over Grids 4 and 5 by White Geophysical Services of Vancouver. This work is the subject of a separate report by White Geophysical Inc., titled 'GEOPHYSICAL REPORT ON A TOTAL FIELD MAGNETICS AND TWO STATION VLF-EM SURVEY ON THE GOLDEN LOON CLAIM GROUP', author Glen E. White, December 10th, 1989. This report is appended.

4. GEOLOGICAL - GEOCHEMICAL SURVEY. PLACER DOME INC.

This work was conducted by Placer Dome geologists during a four day period in September 1989. All the work was on the Dum Lake Grid 3 and consisted of the following main items:

1) First pass geological mapping.

2) Rock sampling of shear zones, alteration and veining - 20 samples taken, rock descriptions occur in Appendix E. Analyses - Au geochemical (Assay >1000 ppb) and ICP by Eco Tech Laboratories, Kamloops, B.C. Laboratory certificates are available in Appendix E.

3) Resampling of soils on selected lines. 50 samples were taken and run geochemically for Au, Ag, Cu, Pb and Zn again by Eco Tech Laboratories.

The results of the Placer Dome surveys are summarized in a compilation map, Figure 9.

RESULTS

1. SOIL GEOCHEMICAL SURVEY (MINETA)

The results from the 1989 soil geochemical survey are plotted and contoured in three separate plans at 1:5000 scale with gold (Figure 6), silver (Figure 7) and copper (Figure 8). On the gold and copper plans the contours for the 1988 surveys (Grid 3) are also shown but only the values for the 1989 survey are plotted (Grid 5).

(a) GOLD

The gold anomalies on Grid 3 continue on to the new Grid 5. The anomalies are however weaker and less extensive. There are no significant anomalies east of L 500 E and south of the Base Line.

(b) SILVER

Silver in soil values are very low throughout the grid 5 area. Anomalous values are commonly single station and do not show any distinct trends.

(c) COPPER

The distribution of copper in soil anomalies is very similar to gold, occurring mainly in the western and northern parts of the grid. Anomalies range from 5 X to 20 X background (30 ppm).

2. SOIL GEOCHEMICAL SURVEY (PLACER DOME: FIGURE 9)

The data from this check soil survey showed that there is good correlation with anomalies produced by the 1988 Mineta survey. In some cases anomalies are weaker, in others substantially stronger. Again, there appears to be a relationship between high gold values and strongly anomalous silver and lead.

3. GEOLOGICAL SURVEY (PLACER DOME: FIGURE 9)

This geological mapping correlates well with previous surveys in the area. Much of the Grid 3 area appears to be underlain by dioritic intrusive rocks.

The diorite is commonly medium to coarse grained, equigranular with magnetite and, or hematite. Locally free quartz is recognizable and the rock can be termed a quartz diorite or monzonite (rather than granodiorite).

Alteration is evident in a number of outcrops and may take the form of epidotization, chloritization or silicification. The latter is commonly accompanied by disseminated pyrite.

Samples taken from silicified zones yielded anomalous gold values up to 2.63 g/t, commonly 0.7 g/t.

Quartz vein float samples taken from dioritic areas yielded higher gold values, generally greater than 1 g/t. These were:

GRID LOCATION	Au g/t
L 1700 E 3+25 S	48.91
L 1500 E 1+00 N	4.54
L 1500 E 1+00.5 N	5.43

Placer Dome's highest gold value came from the R. Wells discovery area reported in the 1989 Phase I report.

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STATEMENT OF QUALIFICATIONS

I, **Ronald C. Wells** of the City of Kamloops, British Columbia do hereby certify that:

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

2. I am a graduate of the University of Wales, U.K. B.Sc in Geology (1974), did post graduate (M.Sc) studies at Laurentian University, Sudbury, Ontario (1976-1977) in Geology.

3. That I am presently employed by Corona Corporation as a Regional Geologist based in Kamloops, B.C.

4. That I have practiced continuously as a geologist for more than eleven years throughout Canada and have past experience and employment as a geologist in Europe.

Signed and dated in Kamloops, British Columbia this 15th day of May 1990.

R. C. Wells

STATEMENT OF EXPENDITURES

1.	Line Cutting by Mineta Resources Ltd. 14.55 km @ $680.62/km all in	$ 9,903.00
2.	Soils (Mineta/Corona) Taking plus supervision	600.00
3.	Soils - Analysis by Eco Tech Laboratories Kamloops 506 Samples Au, Ag, Cu Geochem	5,482.00
4.	Geophysical-Magnetic, VLF (2 Station) by White Geophysics Inc.	7,165.00
	Supervision	600.00
5.	Placer Dome Inc. Surveys (Geological/Geochemical)	
	Geological Mapping - Sept 1-30, 1989 7 days @ $250/day	1,750.00
	Truck - 3 days @ $50/day	150.00
	Geochemical Sampling and Analysis	1,400.00
	Map Preparation/Reproduction	200.00
6.	Report Preparation R.C. Wells, Corona Corp.	2,750.00
	Total Cost	**$30,000.00**

APPENDIX B

LABORATORY ANALYTICAL PROCEDURES

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

GEOCHEMICAL LABORATORY METHODS

SAMPLE PREPARATION (STANDARD)

1. Soil or Sediment: Samples are dried and then sieved through 80 mesh nylon sieves.

2. Rock, Core: Samples dried (if necessary), crushed, riffled to pulp size and pulverized to approximately -140 mesh.

METHODS OF ANALYSIS

All methods have either known or in-house standards carried through entire procedure to ensure validity of results.

1. Multi-Element Cd, Cr, Co, Cu, Fe (acid soluble), Pb, Mn, Ni, Ag, Zn, Mo

Digestion	Finish
Hot aqua-regia	Atomic Absorption, background correction applied where appropriate

A) Multi-Element ICP

Digestion	Finish
Hot aqua-regia	ICP

2. Antimony

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

3. Arsenic

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

4. Barium

Digestion	Finish
Lithium Metaborate Fusion	Atomic Absorption

ECO-TECH LABORATORIES LTD.
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5. Beryllium

Digestion	Finish
Hot aqua regia	Atomic Absorption

6. Bismuth

Digestion	Finish
Hot aqua regia	Atomic Absorption

7. Chromium

Digestion	Finish
Sodium Peroxide Fusion	Atomic Absorption

8. Fluorine

Digestion	Finish
Lithium Metaborate Fusion	Ion Selective Electrode

9. Mercury

Digestion	Finish
Hot aqua regia	Cold vapor generation - A.A.S.

10. Phosphorus

Digestion	Finish
Lithium Metaborate Fusion	I.C.P. finish

11. Selenium

Digestion	Finish
Hot aqua regia	Hydride generation - A.A.S.

12. Tellurium

Digestion	Finish
Hot aqua regia Potassium Bisulphate Fusion	Hydride generation - A.A.S. Colorimetric or I.C.P.

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

13. Tin

Digestion	Finish
Ammonium Iodide Fusion	Hydride generation - A.A.S.

14. Tungsten

Digestion	Finish
Potassium Bisulphate Fusion	Colorimetric or I.C.P.

15. Gold

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Atomic Absorption

16. Platinum, Palladium, Rhodium

Digestion	Finish
Fire Assay Preconcentration followed by Aqua Regia	Graphite Furnace - A.A.S.

17. Uranium

Digestion	Finish
Hot HCl	Fluorometric

18. Thorium

Digestion	Finish
Hot Aqua Regia	I C P

JJ3/1

APPENDIX C

GEOCHEMICAL DATA, 1989 MINETA SURVEYS

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

SOIL SAMPLES GEOCHEM DECEMBER 8, 1989

Golden Loon Propert

LINE	STATION	AU (ppb)	AG (ppm)	CU (ppm)
50 E	0 N	15	0.1	45
	25 N	15	0.1	12
	50 N	15	0.1	5
	75 N	10	0.1	9
	100 N	50	0.1	48
	150 N	10	0.1	12
	175 N	20	0.1	16
	200 N	10	0.1	74
	225 N	120	0.1	31
	250 N	40	0.1	65
	275 N	10	0.1	15
	25 S	5	0.1	56
	50 S	5	0.1	27
	75 S	5	0.1	4
	100 S	5	0.1	21
	125 S	5	0.1	33
	150 S	5	0.1	30
	175 S	5	0.1	9
	200 S	10	0.1	41
	225 S	10	0.1	19
	250 S	5	0.1	17
	275 S	5	0.1	61
	300 S	10	0.1	72
	325 S	30	0.1	95
	350 S	10	0.1	46
	375 S	5	0.1	18
	400 S	10	0.1	34
	425 S	10	0.1	41
	450 S	15	0.1	31
	475 S	5	0.1	33
	500 S	5	0.1	212
	525 S	5	0.1	64
	550 S	5	0.1	96
	575 S	5	0.1	93
	600 S	10	0.1	31
	625 S	10	0.1	16
	650 S	5	0.1	6
	700 S	5	0.1	11
150 E	0 N	10	0.1	5
	25 N	5	0.1	24
	50 N	10	0.1	46
	75 N	15	0.1	44
	100 N	10	0.1	87
	125 N	5	0.3	10
	150 N	15	0.1	6
	175 N	10	0.1	19
	200 N	10	0.1	18

	225 N	5	0.1	14
	250 N	20	0.1	21
	275 N	60	0.1	74
	300 N	35	0.1	41
	25 S	5	0.1	10
	50 S	5	0.1	3
	75 S	10	0.1	15
	100 S	5	0.1	5
	125 S	15	0.1	14
	150 S	15	0.1	2
	175 S	35	0.1	21
	200 S	15	0.1	56
	225 S	70	0.1	32
	250 S	10	0.1	16
	275 S	10	0.1	13
	300 S	5	0.1	11
	325 S	10	0.1	21
	350 S	5	0.1	43
	375 S	5	0.1	9
	400 S	5	0.1	27
	425 S	25	0.1	81
	450 S	5	0.1	36
	475 S	5	0.1	18
	500 S	50	0.1	12
	525 S	25	0.1	71
	550 S	5	0.1	13
	575 S	25	0.1	19
	600 S	5	0.1	38
200 E	0 N	5	0.1	7
	25 N	25	2	216
	50 N	5	0.1	19
	75 N	5	0.1	23
	100 N	60	0.5	119
	125 N	40	0.1	47
	150 N	5	0.1	10
	175 N	25	0.1	10
	200 N	5	0.1	19
	225 N	5	0.1	29
	250 N	150	0.1	22
	275 N	5	0.1	31
	25 S	5	0.1	13
	50 S	5	0.3	162
	75 S	5	0.9	307
	100 S	5	0.8	235
	125 S	5	0.1	31
	150 S	60	2.2	279
	175 S	5	0.6	207
	200 S	25	1.8	97
	225 S	5	0.1	28
	250 S	5	0.1	66
	275 S	75	0.1	47
	300 S	5	0.1	32
	325 S	25	0.1	37
	350 S	5	0.1	25
	375 S	5	0.1	63
	400 S	5	0.1	48

	425 S		5	0.1	41
	450 S		5	0.1	21
	475 S		75	0.1	31
	500 S		5	0.1	26
	525 S		5	0.1	57
	550 S		15	0.1	79
	575 S		5	0.1	60
	600 S		5	0.1	18
	625 S		25	0.1	278
	650 S		75	0.1	41
	675 S		30	0.1	19
	700 S		5	0.3	41
	725 S		5	0.1	58
300 E	0 N	BL	5	0.6	22
	25 N		5	0.1	12
	50 N		5	0.1	44
	75 N		5	0.1	12
	100 N		25	0.1	79
	125 N		5	0.1	37
	150 N		5	0.1	9
	175 N		5	0.1	26
	200 N		5	0.1	6
	225 N		5	0.1	15
	250 N		5	0.1	50
	275 N		5	0.1	16
	300 N		5	0.1	8
	325 N		5	0.1	25
	25 S		5	0.1	8
	50 S		5	0.1	141
	75 S		5	0.1	36
	100 S		35	0.1	67
	125 S		5	0.1	16
	150 S		5	0.1	35
	175 S		25	0.1	24
	200 S		25	0.1	42
	225 S		5	0.1	11
	250 S		30	0.1	40
	275 S		5	0.1	55
	300 S		5	0.1	16
	325 S		50	0.1	31
	350 S		5	0.1	26
	375 S		5	0.1	64
	400 S		5	0.1	17
	425 S		25	0.1	39
	450 S		5	0.1	103
	475 S		5	0.1	16
	500 S		5	0.1	6
	525 S		5	0.1	63
	550 S		5	0.1	10
	575 S		5	0.1	12
	600 S		5	0.1	18
	625 S		5	0.1	28
	650 S		5	0.1	26
	675 S		5	0.1	7
	700 S		5	0.1	85
400 E	0 N		5	0.1	6

400 E	25 N	5	0.1	81
	75 N	5	1.8	226
	100 N	60	0.1	19
	125 N	5	0.1	33
	150 N	5	0.1	12
	175 N	5	0.1	45
	200 N	5	0.1	16
	25 S	5	0.1	22
	50 S	5	0.1	53
	75 S	25	0.1	44
	100 S	50	0.1	62
	125 S	25	0.1	24
	150 S	5	0.1	17
	175 S	5	0.1	10
	200 S	5	0.1	22
	225 S	35	0.5	153
	250 S	5	0.1	25
	275 S	5	0.1	21
	300 S	5	0.1	9
	325 S	5	0.1	24
	350 S	5	0.1	18
	375 S	5	0.1	10
	400 S	5	0.1	28
	425 S	5	0.1	23
	450 S	5	0.1	13
	475 S	5	0.1	16
	500 S	25	0.1	54
	525 S	40	0.1	31
	550 S	5	0.1	18
	575 S	5	0.1	34
	600 S	5	0.1	10
	625 S	5	0.1	14
	650 S	5	0.1	13
	675 S	5	0.1	43
	700 S	5	0.1	29
	725 S	5	0.1	57
500 E	0 N	40	1.2	371
	25 N	25	0.1	85
	50 N	5	0.1	26
	75 N	5	0.1	9
	100 N	5	0.1	3
	125 N	5	0.1	30
	150 N	5	0.1	32
	175 N	5	0.1	15
	200 N	5	0.1	10
	250 N	5	0.1	63
500 E	25 S	5	0.1	30
	50 S	5	0.1	25
	75 S	5	0.1	12
	100 S	25	0.1	57
	125 S	5	0.1	32
	150 S	35	0.1	31
	175 S	25	0.1	8
	200 S	25	1.4	241
	225 S	5	0.6	208
	250 S	5	0.1	49

	275 S	5	0.1	23
	300 S	5	0.1	34
	325 S	40	1.3	204
	350 S	5	0.1	53
	375 S	5	0.6	93
	400 S	5	0.1	106
	425 S	5	0.1	21
	450 S	5	0.1	13
	475 S	5	0.1	32
	500 S	5	0.1	24
	525 S	5	0.1	25
	550 S	5	0.1	16
	575 S	5	0.1	17
	600 S	5	0.1	30
	625 S	5	0.1	16
	650 S	5	0.1	34
	675 S	5	0.1	49
	700 S	5	0.1	95
	750 S	5	0.1	31
650 E	0 N	55	0.1	25
	25 N	25	0.1	52
	50 N	5	0.1	8
	75 N	5	0.1	45
	100 N	5	0.1	59
	125 N	5	0.1	73
	150 N	5	0.1	6
	175 N	5	0.1	35
	200 N	5	0.1	26
	225 N	5	0.1	8
	250 N	5	0.1	7
	275 N	5	0.1	3
	300 N	5	0.1	15
	325 N	5	0.1	29
	350 N	5	0.1	23
	375 N	5	0.1	34
	400 N	5	0.1	27
	425 N	5	0.1	3
	450 N	5	0.1	11
	475 N	5	0.1	15
	500 N	5	0.1	39
650 E	25 S	5	0.1	9
	50 S	5	0.1	29
	75 S	5	0.1	50
	100 S	5	0.1	21
	125 S	5	0.1	82
	150 S	5	0.1	30
	175 S	5	0.1	23
	200 S	5	0.1	22
	225 S	5	0.1	21
	250 S	5	0.1	76
	275 S	5	0.1	23
	300 S	5	0.1	23
	325 S	5	0.1	22
	350 S	5	0.1	41
	375 S	5	0.1	63
	400 S	5	0.1	39

	425 S	5	0.1	34
	450 S	5	0.1	19
	475 S	5	0.1	16
	500 S	5	0.1	31
	525 S	5	0.1	28
	550 S	5	0.1	29
	575 S	5	0.1	94
	600 S	5	0.1	39
	625 S	5	0.1	14
	650 S	5	0.1	27
	675 S	5	0.1	22
	700 S	5	0.1	208
	725 S	5	0.1	17
	750 S	5	0.1	3
	775 S	5	0.1	6
	800 S	5	0.3	328
750 E	0 N	5	0.1	69
	25 N	5	0.1	55
	50 N	5	0.1	53
	75 N	5	0.1	55
	100 N	5	0.1	84
	125 N	5	0.1	116
	150 N	5	0.1	39
	175 N	75	0.1	207
	200 N	5	0.1	58
	225 N	5	0.1	27
	250 N	5	0.1	8
	275 N	25	0.1	12
	300 N	5	0.1	94
	325 N	5	0.1	3
	350 N	5	0.1	4
	375 N	5	0.1	27
	400 N	5	0.1	29
	425 N	5	0.4	90
	450 N	75	0.8	76
	475 N	5	0.2	11
	500 N	5	0.1	8
	25 S	5	0.1	19
	50 S	5	0.2	23
	75 S	5	0.4	46
	100 S	5	0.1	33
	125 S	5	0.2	39
	150 S	5	0.1	37
	175 S	5	0.1	47
	200 S	5	0.1	26
	225 S	5	0.1	25
	250 S	5	0.2	29
	275 S	5	0.2	30
	300 S	5	0.2	51
	325 S	5	0.3	70
	350 S	5	0.1	10
	375 S	5	0.2	13
	400 S	5	0.1	21
	425 S	5	0.1	6
	450 S	25	0.1	41
	475 S	5	0.1	61

	500 S	5	0.1	10
	525 S	5	0.1	18
	550 S	5	0.1	13
	575 S	5	0.2	19
	600 S	5	0.1	15
	625 S	5	0.1	18
	650 S	5	0.1	24
	675 S	5	0.4	50
	700 S	5	0.1	14
	725 S	5	0.1	15
	750 S	5	0.1	7
	775 S	5	0.1	12
	800 S	5	0.1	6
800 E	0 N	5	0.9	34
	25 N	5	0.3	27
	50 N	5	0.1	6
	75 N	5	0.5	69
	100 N	5	0.1	5
	125 N	5	0.9	187
	150 N	5	0.2	51
	175 N	35	0.1	24
	200 N	5	0.1	12
	225 N	5	0.1	23
	250 N	5	0.1	16
	275 N	5	0.2	15
	300 N	5	0.1	11
	325 N	5	0.1	2
	350 N	10	0.1	19
	375 N	45	0.3	53
	400 N	15	0.1	39
	425 N	70	0.1	18
	25 S	5	0.1	4
	50 S	5	0.1	22
	75 S	5	0.2	12
	100 S	5	0.1	35
	125 S	5	0.1	4
	150 S	10	0.1	59
	175 S	40	0.1	25
	200 S	5	0.1	38
	225 S	5	0.2	24
	250 S	5	0.1	14
	275 S	5	0.1	22
	300 S	5	0.1	29
	325 S	5	0.1	13
	350 S	5	0.1	27
	375 S	5	0.1	69
	400 S	5	0.1	6
	425 S	20	0.1	5
	450 S	5	0.1	5
	475 S	10	0.1	18
	500 S	20	0.1	22
	525 S	20	0.1	28
	550 S	5	0.1	9
	575 S	5	0.1	10
	600 S	5	0.1	49
	625 S	5	0.1	16

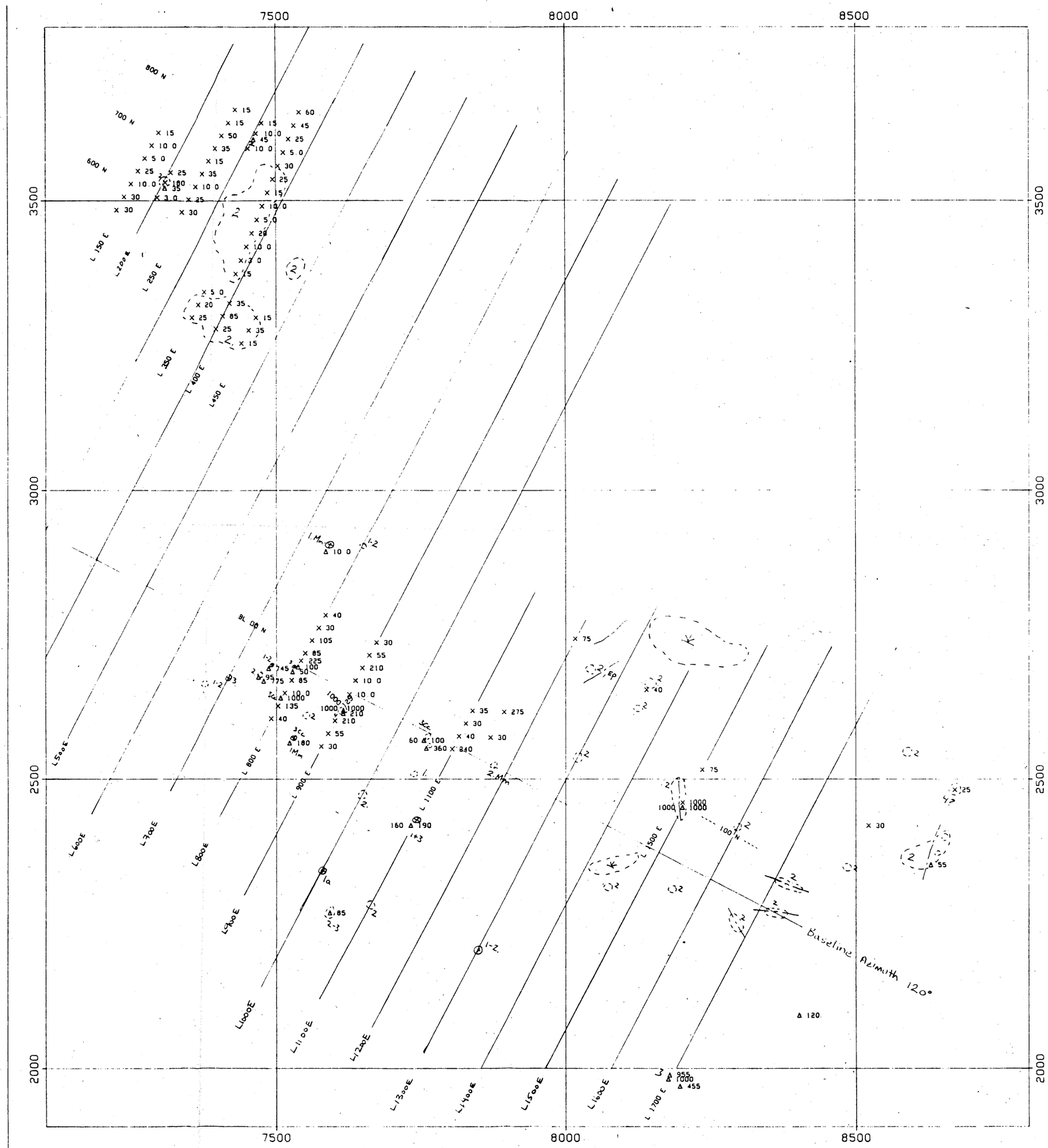
	650 S	5	0.3	142
	675 S	5	0.1	32
	700 S	5	0.1	6
900 E	0 N	5	0.1	20
	25 N	5	0.7	78
	50 N	5	0.1	155
	75 N	5	1.7	157
	100 N	5	0.1	17
	125 N	5	0.1	14
	150 N	5	0.1	76
	175 N	50	0.1	28
	200 N	5	0.1	43
	225 N	5	0.1	31
	250 N	5	0.1	9
	275 N	5	0.1	110
	300 N	5	0.1	54
	325 N	5	0.1	17
	0 N	5	1.3	318
	25 S	5	0.1	9
	50 S	5	0.1	17
	75 S	5	0.1	21
	100 S	5	0.1	30
	125 S	5	0.1	21
	150 S	5	0.1	78
	175 S	5	0.1	48
	200 S	5	0.1	58
	225 S	5	0.1	21
	250 S	5	0.1	16
	275 S	5	0.1	81
	300 S	5	0.1	7
	325 S	5	0.1	20
	350 S	5	0.1	21
	375 S	50	0.1	30
	400 S	5	0.1	20
	425 S	5	0.1	34
	450 S	5	0.1	4
	475 S	5	0.1	5
	500 S	5	0.1	19
	525 S	25	0.1	37
	600 S	5	7	174
	625 S	5	0.1	14
	650 S	5	0.1	13
	675 S	5	0.1	81
	700 S	5	0.1	51
	725 S	5	0.1	18
	750 S	5	0.1	11
	775 S	5	0.1	22
	800 S	5	0.1	14
1000 E	25 N	25	0.1	183
	50 N	5	0.1	51
	75 N	5	0.1	19
	100 N	5	0.1	41
	125 N	5	0.1	103
	25 S	5	0.1	76
	50 S	5	0.1	26
	75 S	5	0.1	38

	100	S	5	0.1	15
	125	S	5	0.1	54
	150	S	25	0.1	58
	175	S	5	0.1	17
	200	S	5	0.1	8
	225	S	5	0.1	22
	250	S	5	0.1	36
	275	S	5	0.1	7
	300	S	5	0.1	104
	325	S	5	0.1	7
	350	S	5	0.1	6
	375	S	5	0.1	10
	400	S	5	0.1	11
	425	S	5	0.1	25
	450	S	5	0.1	9
	475	S	5	0.1	10
	500	S	5	0.1	22
	525	S	5	0.1	4
	550	S	5	0.1	1
	600	S	5	0.1	12
	625	S	5	0.1	6
	650	S	5	0.1	18
	675	S	5	0.1	17
1200 E	0	N	75	0.1	37
	25	N	5	0.1	46
	50	N	5	0.1	51
	75	N	5	0.1	25
	100	N	5	0.1	11
	125	N	25	0.1	21
	150	N	5	0.1	17
	175	N	5	0.1	9
	200	N	60	0.1	43
	225	N	25	0.1	26
	250	N	5	0.1	15
	275	N	25	0.1	24
	300	N	75	1.4	511
	325	N	5	0.1	6
	350	N	25	0.1	121
	25	S	25	0.1	15
	50	S	5	0.1	3
	75	S	5	0.1	21
	100	S	5	0.1	60
	125	S	5	0.2	242
	150	S	65	0.1	6
	175	S	5	0.1	9
	225	S	5	0.1	3
	250	S	40	0.1	21
	275	S	5	0.1	10
	300	S	5	0.1	12
	325	S	5	0.1	5
	350	S	5	0.1	16
	375	S	5	0.1	13
	400	S	5	0.1	29
	425	S	5	0.1	24
	450	S	5	0.1	24
	475	S	5	0.1	11

500 S	25	0.1	8
525 S	25	0.1	12
550 S	5	0.1	18
575 S	5	0.1	3
600 S	5	0.1	2
625 S	5	0.1	4
650 S	5	0.1	1
675 S	5	0.1	27
700 S	5	0.1	46
725 S	5	0.1	9
750 S	5	0.1	20
775 S	5	0.1	8
800 S	5	0.1	42
825 S	5	0.1	19
850 S	5	0.1	19

APPENDIX D

FIGURES 6, 7, 8



GOLDEN LOON PROJECT
AU SOILS & ROCKS

× SOIL GEOCHEM RESULTS

△ ROCK GEOCHEM RESULTS

○ Outcrop

⊕ Float and Talus

✱ Swamp

——— Ridge Top

GEOLOGY LEGEND

1. Granodiorite — 1a. Garnet-feldspar-Muscovite pegmatite
2. Diorite
3. Quartz vein
4. Siliceous altered intrusive

Cc Calcite

Mm Altered (Qtz, Carb.)

Ep Epidote

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,029 Part 1 of 2

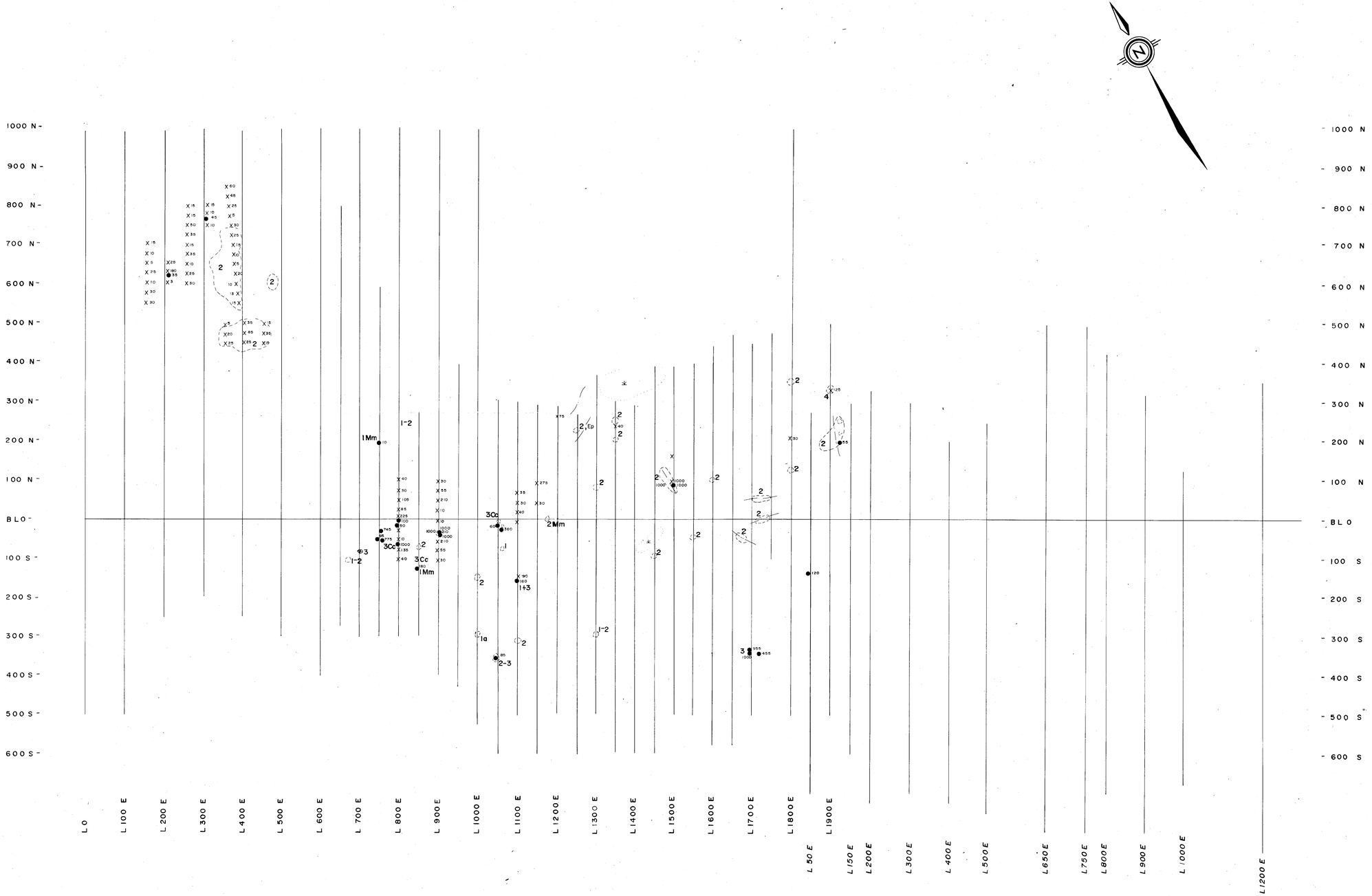
DATA PLOTTED ON THIS MAP:
SEE PLTLEG

	FIELD	FILE
× POINTS:	AU	LOON UTM
△ POINTS:	AU	LOONRCK UTM

0 200 400 600
METRES

PLACER DOME INC	
DRAWN NEM	GOLDEN LOON PROJECT
DATE 4/10/89	AU SOILS & ROCKS
SCALE 1:5000	
NO	PLATE # 2

NEM CREATED RUN FILE: 14:26 4/10/89



LEGEND

1	Granodiorite
1A	Garnetiferous muscovite pegmatite
2	Diorite
3	Quartz vein
4	Siliceous altered intrusive
Cc	Calcite
Mm	Altered (qtz, carb)
Ep	Epidote
X	Soil geochem results.
●	Rock geochem results.
	Outcrop
⊕	Float and talus
	Swamp
	Ridge top

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,029 Part 1 of 2

0 100 200 300 400 500 m.

1:5000

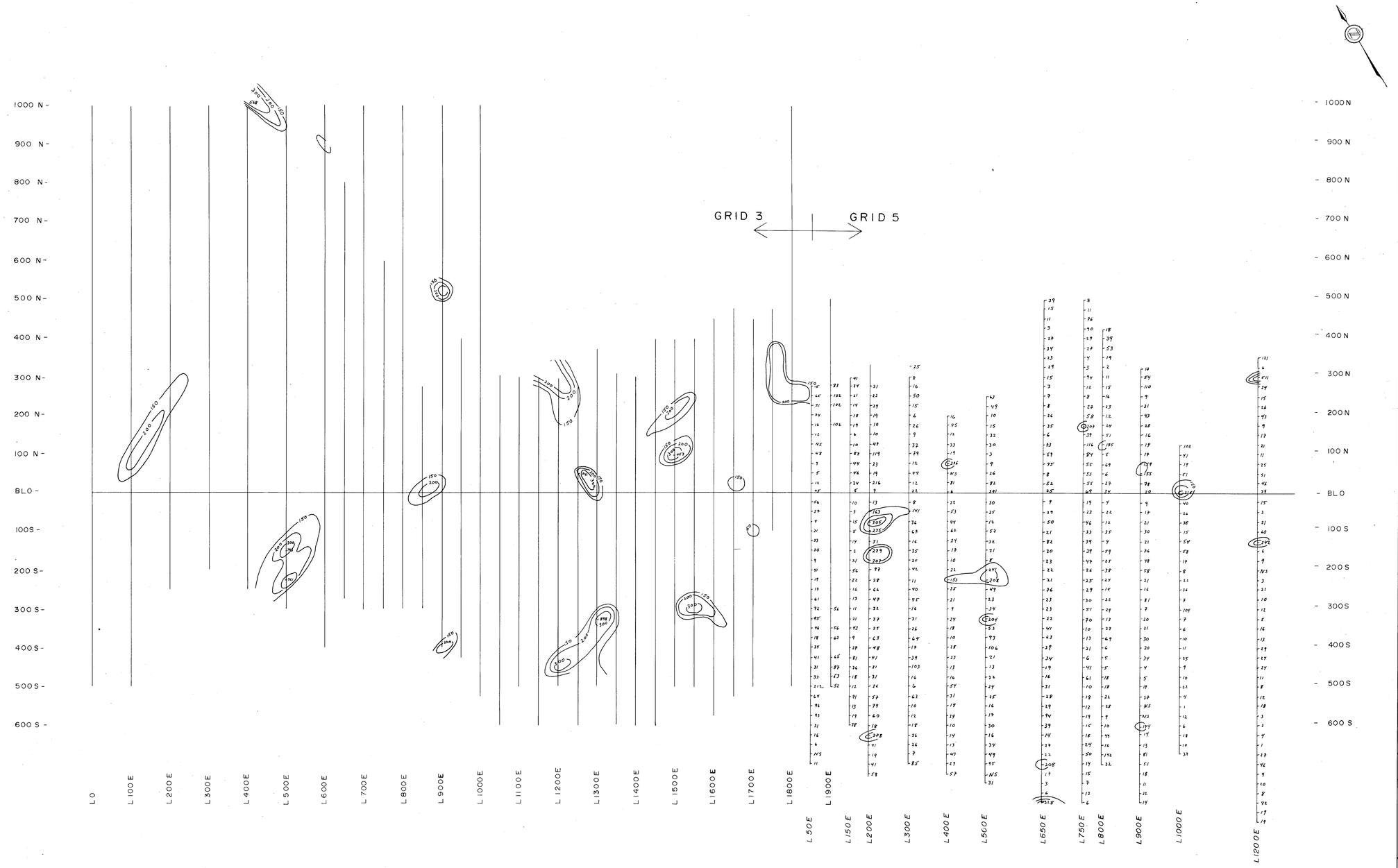
MINETA RESOURCES

GOLDEN LOON PROJECT

GEOLOGICAL AND GEOCHEMICAL
COMPILATION MAP
(From PLACER DOME INC)

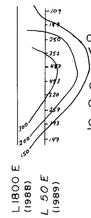
9

Date	Drawn by	Scale	NTS
4/10/89	K.G. From N.E.M.	1:500	92-P-8



LEGEND

SOIL GEOCHEMICAL DATA



COPPER IN SOILS
VALUES IN ppm

CONTOURED Cu VALUES (1988 and 1989)
CONTOURS AT 150, 200, 300 ppm
Only values from 1989 survey shown.

ANALYTICAL METHOD:
GEOCHEMICAL Cu ppm

ANALYSIS BY:
ECO-TECH LABORATORIES
KAMLOOPS

SAMPLING BY:
BARNES CREEK MINERALS, 1988
MINETA RESOURCES 1989
"B" SOIL HORIZON

0 100 200 300 400 500m.

Scale 1:5000

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,029 Part 1 of 2

MINETA RESOURCES

GOLDEN LOON CLAIM GROUP

GRID 3 and 5

SOIL GEOCHEMISTRY Cu (ppm)

Date:	Drawn by:	Scale:	Fig.
Jan., 1990	K.G.	1:5000	8

APPENDIX E

PLACER DOME INC. DATA

1989 PROGRAM

TABLE # 1

GOLDEN LOON ROCK SAMPLES & SPECIMENS

Specimen - L1925E 250N Fine to medium grained Diorite

Feldspars with minor alteration >saussurite epidote alteration in larger fractures only.

Specimen - L1060E 0+80S Medium to coarse grained granodiorite

15% Quartz
40 - 50 % Feldspar > saussurite
35 - 40 % Hornblende?

Geochem & Specimen - L760E 0+52S Float

Silica Alteration Zone
80% Quartz
2 - 4% magnetite
2% chlorite
1% pyrite
.5% specular hematite?
Minor calcite along fracture
775 ppb Au

Geochem & Specimen - L902E 042S

Silicious alteration zone
95% quartz
1 - 3% magnetite
.5 - 1% pyrite
>.5 chlorite
5 - 10% oxidized (ankerite) reacts with acid
1% specular hematite?
2.63g/t or .077 oz/t Au

Continued...

TABLE # 1

Golden Loon Rock Samples & Specimens, continued

Geochem & Specimen - L900# 0+42S

Silicious alteration zone
95% quartz
1 - 2% magnetite
.5% pyrite
2 - 5% oxidized (ankerite)
2% specular hematite
125 ppb Au

Specimen - L800E 229N

Diorite > granodiorite, medium - coarse grained
5 - 10% fractured quartz
40 - 50% feldspar > minor saussurite
.5% chlorite
.2 - .5% epidote along fracture planes
30 - 40% hornblende

Specimen - L670E 110S

Medium - coarse grained granodiorite - diorite
5 - 10% free quartz
45 - 55% feldspar minor saussurite
.5% > chlorite
.2 - .5% epidote
35 - 45% hornblende

Geochem & Specimen - L1050E 0+10S

Quartz/Carbonate zone
95% fractured quartz
3 - 5% ankerite
.5% chlorite
2 - 4% magnetite subhedral - euhedral
.5% pyrite euhedral
3% specular hematite
60 ppb Au

Continued...

TABLE # 1

Golden Loon Rock Samples & Specimens, continued

Geochem & Specimen - L797E 0+15S Float

Quartz/Carbonate zone
95% free quartz
- magnetite
2 - 5% ankerite
.5% pyrite
2 - 3% specular hematite along fractures
50 ppb Au

Geochem & Specimen - L760E 0+32S Float

Silica flooded diorite >granodiorite
25 - 35% feldspar
35% hornblende
1% chlorite
1% pyrite
50% quartz
1 - 3% specular hematite
.5 - 1% magnetite
Trace ankerite
.5% limonite?
745 ppb Au

Geochem & Specimen - L1100E 150S Float

Granodiorite
40% Feldspar >saussurite
20 - 30% hornblende
7 - 13% quartz
2% quartz vein ± ankerite
15% chlorite pervasive
2 - 5% Epidote
Trace sulphide (pyrite)?
.5% calcite/ankerite
.5% magnetite
160 ppb Au

Specimen - L1300E 300S Float

Granodiorite > diorite
55 - 65% feldspar euhedral
25 - 35% hornblende subhedral
5 - 10% quartz, free anhedral
1 - 3% chlorite, pervasive
2 - 4% epidote, pervasive

Continued...

TABLE # 1

Golden Loon Rock Samples & Specimens, continued

Geochem & Specimen - L1050E 0+10.5S

Quartz vein
95 - 100% quartz
.5 - 1% ankerite
.2 - .5% specular hematite
.5% magnetite
100 ppb Au

Geochem & Specimen - L1060E 0+20S

Quartz/carbonate zone
65% quartz
30% calcite
1 - 3% specular hematite
.5% magnetite
1 - 2% pyrite
360 ppb Au

Geochem & Specimen - L850E 122.5S Float

Quartz/carbonate zone
5 - 10% calcite
95% quartz
1 - 2% specular hematite subhedral
.5 - 1% pyrite sub-euhedral
.5 - 1% magnetite
+ milky quartz vein very minor sulphide (barren)
120 ppb Au

Geochem & Specimen - L1100E 150.5S Float

Quartz vein in diorite-granodiorite
25 - 30% milky quartz, no visible sulphides
65 - 70% diorite medium grained
feldspar/saussurite/hornblende/quartz
190 ppb Au

Continued...

TABLE # 1

Geochem & Specimen - L850E 122S Float

Quartz/Carbonate zone altered granodiorite with quartz vein
25% quartz
.5% pyrite
2% magnetite
? specular hematite
5 - 7% milky quartz, barren
25% hornblende
30% feldspar (saussurite?)
.5 - 1% chlorite
180 ppb Au

Geochem & Specimen - L750E 200N Float

Highly altered granodiorite
30% chlorite originally hornblende
45% saussurite
5 - 15% quartz carbonate
5 - 10% quartz/carbon (introduced)
5 - 10% quartz milky
10 ppb Au

Specimen - L850E 075S

Fine-medium grained diorite
45 - 55% hornblende
3 - 5% quartz
45 - 55% feldspar >saussurite
1 - 5% chlorite
Trace epidote

Specimen - L800E 015S

Medium grained diorite
2 - 5% quartz
50% feldspar with minor saussitization
35 - 45% hornblende > 20% to 50% is altered to chlorite

Continued...

TABLE # 1

Geochem & Specimen (Subcrop) - L1700E 325S

Quartz vein
95 - 97% milky quartz
2% galena
.5 - 1% chalcopyrite
Mineralization in bands
48.91 g/t or 1.426 oz/t Au

Specimen & Sample - L1725E 325S Float

Quartz vein
95 - 98% milky quartz
1 - 2% ankerite
1% cubic pyrite
455 ppb Au

Specimen & Sample (Subcrop) - L1700E 320S Float

Quartz vein
99 - 100% quartz
Iron stain
955 ppb Au

Geochem (sample too small for specimen) - L700E 0+80S Float

Quartz vein
99 - 100% quartz
No visible mineralization

Geochem & Specimen - L800E 0+60S Float

Quartz/Carbonate zone
10% chlorite from hornblende
85 - 95% quartz
1 - 3% specular hematite
.5 - 1% ankerite
1% calcite
4.54 g/t or .32 oz/t Au

Continued...

TABLE # 1

Golden Loon Rock Samples & Specimens, continued

Geochem & Specimen L800E 0+02S Float

Quartz/Carbonate alteration
85 - 90% quartz
7 - 13% chlorite (from hornblende)
1 - 2% magnetite
2 - 5% specular hematite
1 - 2% pyrite generally euhedral
5 - 10% calcite mainly in fractures
7 - 13% hornblende
100 ppb Au

Specimen - L1175E 0+00S

Medium grained diorite
10% hornblende
60% feldspar
2 - 5% quartz
20% chlorite, originally hornblende
Minor calcite fracture
Zones of saussitized feldspar approximately 10% of all feldspar
Minor magnetite

Specimen - L1100E 315S

45 - 50% feldspar > zones of moderate saussitization
45 - 50% hornblende
3 - 5% quartz
2% chlorate
1 - 2% biotite
.5 > sulphide

Specimen - L1000E 150S

Medium diorite, quartz poor
35 - 45% anhedral feldspar
30 - 95% hornblende
30 - 35% chlorite
1 - 2% quartz
.5 sulphide

Continued...

TABLE # 1

Geochem & Specimen - L750E 0+48S

Medium grained diorite
35 - 45% hornblende
45 - 50% feldspar
10 - 20% chlorite
0% magnetite
2 - 5% specular hematite
.5 - 1% calcite, along fracture planes
2 - 5% quartz
95 ppb Au

Subround Specimen - L1000E 300S Float

Garnetiferous muscovite pegmatite
60% feldspar
20% muscovite
2% almandine garnets
20% quartz

Specimen - L1050E 350S

Diorite
45 - 55% feldspar>saussurite
45 - 55% hornblende
5 - 10% chlorite
2 - 5% quartz

Geochem & Specimen - L1050E 350.5S

Diorite 60%/quartz vein 40%

Quartz vein 95 - 99% quartz milky
.5% pyrite, euhedral

Diorite
45 - 55% hornblende
45 - 55% feldspar
5% quartz
.5% pyrite (new quartz)
85 ppb Au

Continued...

TABLE # 1

Golden Loon Rock Samples & Specimens, continued

Geochem & Specimen - L1500E 100N Float

Quartz vein 99% milky quartz
Trace (0.5%) pyrite, cubic
Trace vuggy ankerite
3.57 g/t Au

Geochem & Specimen - L300E 775N Float

50 - 60% hornblende
30 - 40% feldspar
5% quartz
25% chlorite
45 ppb Au

Geochem & Specimen L1500E 100.5N Float

Quartz vein
99% quartz
Trace carbonate (as ankerite?)
Vuggy
5.43 g/t Au

Geochem & Specimen L1925E 215N

Diorite medium grained
45 - 55% hornblende
35 - 45% feldspar
3 - 5% chlorite
2% epidote along fractures
5% calcite in fractures
55 ppb Au

Geochem & Specimen L200E 625N

Coarse-medium grained diorite
35 - 45% feldspar
25 - 35% chlorite
20 - 30% hornblende
5 - 10% quartz
35 ppb Au

TABLE #2

Soil and Rock

Analysis

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 20, 1989

CERTIFICATE OF ANALYSIS ETK 89-716

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

DATE RECEIVED: September 13,1989 REJECTS: STORE
PROJECT: Golden Loon PULPS: STORE
NUMBER SAMPLES: 50
TYPE SAMPLES: Soil N O T E : > = MORE THAN

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
716 - 1	G.L.L. 150 E 550N	30	.3	22	19	142
716 - 2	G.L.L. 150 E 575N	30	.2	25	13	115
716 - 3	G.L.L. 150 E 600N	10	1.1	27	14	136
716 - 4	G.L.L. 150 E 625N	25	.3	28	11	102
716 - 5	G.L.L. 150 E 650N	5	.5	18	13	122
716 - 6	G.L.L. 150 E 675N	10	.2	26	11	80
716 - 7	G.L.L. 150 E 700N	15	.7	25	16	77
716 - 8	G.L.L. 200 E 600N	<5	.1	27	11	122
716 - 9	G.L.L. 200 E 625N	180	.4	30	13	110
716 - 10	G.L.L. 200 E 650N	25	.1	11	13	60
716 - 11	G.L.L. 250 E 600N	30	.3	22	12	120
716 - 12	G.L.L. 250 E 625N	25	.3	27	14	140
716 - 13	G.L.L. 250 E 650N	10	.1	12	13	106
716 - 14	G.L.L. 250 E 675N	35	.6	24	11	111
716 - 15	G.L.L. 250 E 700N	15	.4	18	10	139
716 - 16	G.L.L. 250 E 725N	35	.2	29	12	161
716 - 17	G.L.L. 250 E 750N	50	.8	64	17	143
716 - 18	G.L.L. 250 E 775N	15	.3	13	11	94
716 - 19	G.L.L. 250 E 800N	15	.3	22	13	73
716 - 20	G.L.L. 300 E 750N	10	.5	28	11	126
716 - 21	G.L.L. 300 E 775N	10	.6	16	13	112
716 - 22	G.L.L. 300 E 800N	15	.6	23	15	110
716 - 23	G.L.L. 350 E 450N	25	.5	33	22	131
716 - 24	G.L.L. 350 E 475N	20	.4	14	11	76
716 - 25	G.L.L. 350 E 500N	5	.5	25	14	85
716 - 26	G.L.L. 350 550N	15	.5	26	18	91
716 - 27	G.L.L. 350 575N	<5	.2	25	12	73
716 - 28	G.L.L. 350 600N	10	.3	24	12	102
716 - 29	G.L.L. 350 625N	20	.2	46	17	139
716 - 30	G.L.L. 350 650N	5	.4	50	18	105

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

401, 1450 Pearson Place SEPTEMBER 20, 1989

ET#	Description	Au (ppb)	Ag (ppm)	Cu (ppm)	Pb (ppm)	Zn (ppm)
716 - 31	G.L.L. 350 675N	10	.2	27	13	81
716 - 32	G.L.L. 350 700N	15	.4	22	2	106
716 - 33	G.L.L. 350 725N	25	.2	33	13	127
716 - 34	G.L.L. 350 750N	30	.1	12	9	59
716 - 35	G.L.L. 350 775N	5	.4	27	12	110
716 - 36	G.L.L. 350 800N	25	.4	29	15	79
716 - 37	G.L.L. 350 825N	45	.3	26	26	110
716 - 38	G.L.L. 350 850N	60	.4	61	14	112
716 - 39	G.L.L. 450 E 500N	15	.4	31	12	133
716 - 40	G.L.L. 450 E 475N	35	.7	25	7	74
716 - 41	G.L.L. 450 E 450N	15	.7	32	8	177
716 - 42	G.L.L. 400 E 500N	35	.5	48	15	133
716 - 43	G.L.L. 400 E 475N	85	.6	30	10	112
716 - 44	G.L.L. 400 E 450N	25	.4	26	8	84
716 - 45	G.L.L. 1200 E 270N	75	.3	53	9	136
716 - 46	G.L.L. 1350 E 250N	40	.3	45	21	142
716 - 47	G.L.L. 1500 E 100N	>1000	12.8	90	974	191
716 - 48	G.L.L. 1500 E 175N	75	.6	36	23	175
716 - 49	G.L.L. 1800 E 225N	30	.4	131	17	95
716 - 50	G.L.L. 1900 E 350N	25	.1	31	9	100

ECO-TECH LABORATORIES LTD.
Doug Howard
B.C. Certified Assayer

F A X
SC89/PLACER1

BB - LW -

ECO-TECH LABORATORIES LTD.

ASSAYING - ENVIRONMENTAL TESTING

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

SEPTEMBER 15, 1989

CERTIFICATE OF ANALYSIS ETK 89-715

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

DATE RECEIVED: SEPTEMBER 13, 1989
PROJECT: GENERAL 1E
NUMBER SAMPLES: 25
TYPE SAMPLES: ROCK

REJECTS: STORE
PULPS: STORE
N O T E : > = MORE THAN
* SAMPLE SCREENED & METALLICS

ET#	Description				Au (ppb)	Au (g/t)	Au (oz/t)
715 -	1	G.L.	760E	0+52S	775		
715 -	2		902E	0+42S	>1000	2.63	.077
715 -	3	L.	900E	0+42S	125		
715 -	4	L.	1050E	0+10S	60		
715 -	5	G.L.	L797E	0+15S	50		
715 -	6	L.	760E	0+32S	745		
715 -	7	G.L.	L1100E	150.5S	160		
715 -	8	G.L.	1050E	0+10.5S	100		
715 -	9	G.L.	1060E	0+20S	360		
715 -	10	G.L.	1850E	122.5S	120		
715 -	11	G.L.	1100E	150S	190		
715 -	12	G.L.	L850E	122.0S	180		
715 -	13	G.L.	L750E	2+00N	10		
715 -	14	G.L.	1700E	3+25S	>1000	48.91*	1.426
715 -	15	G.L.	1725E	3+25S	455		
715 -	16	G.L.	1700E	3+20S	955		
715 -	17	G.L.	L800E	0+60S	>1000	4.54	.132
715 -	18	G.L.	L800E	0+02S	100		
715 -	19	G.L.	750E	0+48S	95		
715 -	20	G.L.	1050E	350.5S	85		
714 -	1	G.L.L	1500E	100N	>1000	3.57	
714 -	2	G.L.L	1500E	100.5N	>1000	5.43	
989		G.L.	300E	775N	45		
714 -	4	G.L.L	1925E	215N	55		
714 -	5	G.L.L	200E	625N	35		

ECO-TECH LABORATORIES LTD.
DOUG HOWARD
B.C. CERTIFIED ASSAYER

F A X - LORNE WARNER
SC89/PLACER6

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

PLACER DOME INC. - ETK89-715 A

401 - 1450 PEARSON PLACE
KAMLOOPS, B.C.
V1S 1J9

SEPTEMBER 26, 1989

VALUES IN PPM UNLESS OTHERWISE REPORTED

PROJECT: GENERAL IE

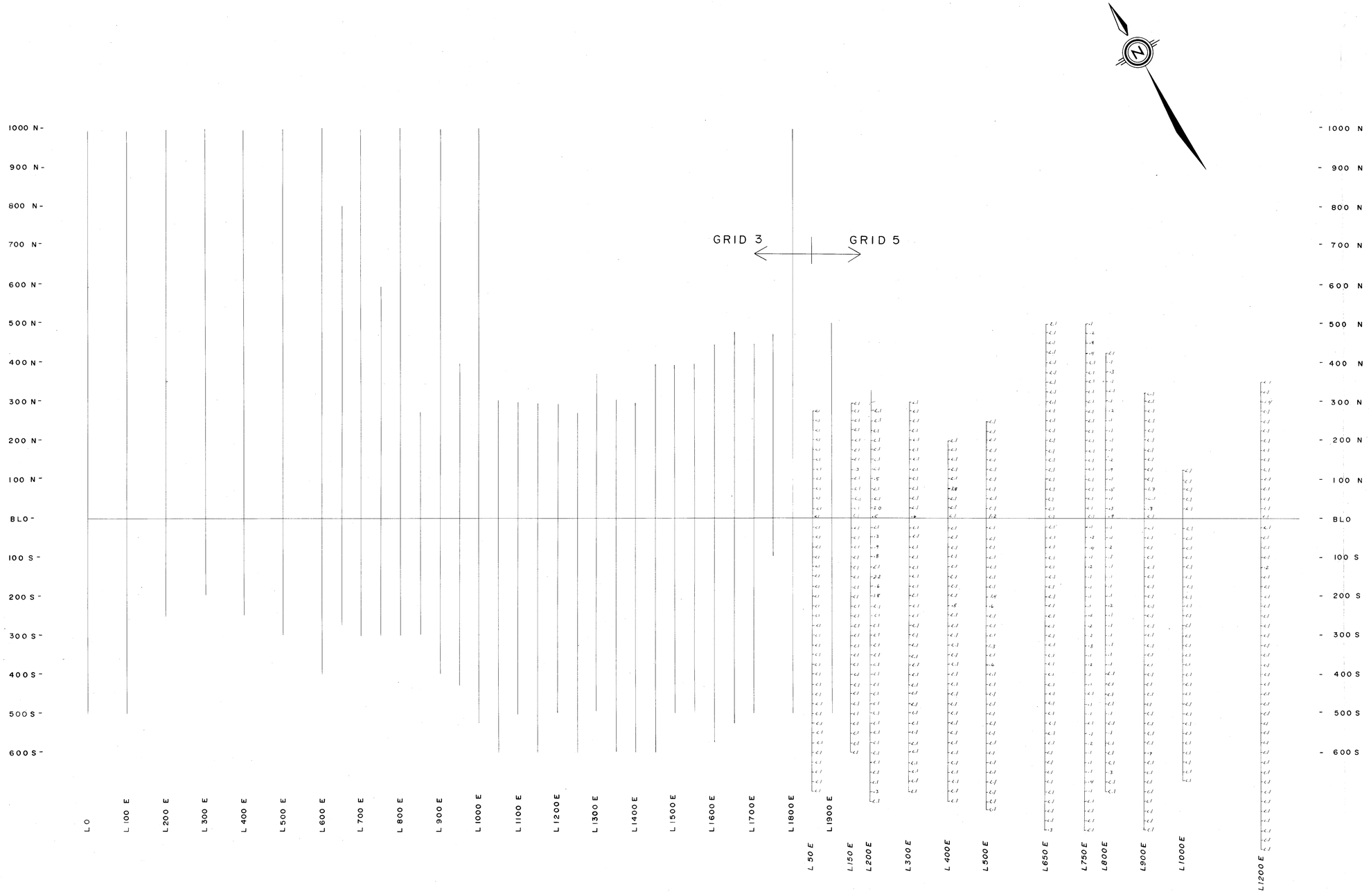
36 ROCK SAMPLES RECEIVED SEPT.13 1989

ETK#	DESCRIPTIONS				AG	AL(%)	AS	B	BA	BI	CA(%)	CD	CO	CR	CU	FE(%)	K(%)	LA	MG(%)	MN	MO	NA(%)	NI	P	PB	SB	SN	SR	TI(%)	U	V	W	Y	ZN
715 A-	1	G.L.	750E	0+ 525S	.4	.68	<5	<2	115	<5	1.06	2	5	73	75	2.19	.12	<10	.62	542	4	.09	2	900	6	<5	<20	97	.03	<10	84	<10	8	24
715 A-	2		900E	0+ 425S	2.2	.38	35	2	10	<5	1.68	<1	17	44	12	3.67	.03	<10	.34	1002	5	.13	3	360	10	<5	<20	52	<.01	<10	8	<10	5	23
715 A-	3	L	900E	0+ 425S	.6	.07	5	<2	80	<5	.09	<1	3	246	3	1.08	.01	<10	.29	406	19	.08	3	180	<2	<5	<20	33	<.01	<10	4	<10	1	10
715 A-	4	L	1050E	0+ 16S	.2	.61	5	<2	175	<5	3.24	<1	12	40	25	3.42	.31	10	.88	1011	4	.12	3	1200	10	<5	<20	171	.02	<10	57	<10	7	40
715 A-	5	G.L. L	797E	0+ 15S	.2	.39	<5	<2	415	<5	2.83	<1	9	114	2	3.01	.21	10	.46	777	12	.20	2	990	10	<5	<20	167	.05	<10	61	<10	6	16
715 A-	6	L	750E	0+ 32S	.4	1.16	5	<2	145	<5	1.37	<1	12	48	56	2.87	.31	10	1.01	562	4	.11	4	2110	8	<5	<20	73	.05	<10	71	<10	7	42
715 A-	7	G.L. L	1100E	150.5S	.6	1.25	<5	<2	60	<5	2.96	<1	10	104	9	2.52	.11	<10	1.13	759	8	.15	7	880	12	<5	<20	106	.08	<10	84	<10	10	38
715 A-	8	G.L.	1050E	0+ 10.5S	.2	.05	5	<2	745	<5	.32	<1	2	479	5	.84	.01	<10	.06	273	29	.08	7	80	2	<5	<20	19	<.01	<10	9	<10	1	6
715 A-	9	G.L.	1050E	0+ 20S	.8	.38	5	<2	80	<5	2.75	<1	11	44	10	2.96	.21	<10	1.03	874	3	.12	6	1010	14	<5	<20	138	.02	<10	37	<10	6	26
715 A-	10	G.L.	1850E	122S	.4	.64	5	<2	75	<5	2.55	<1	8	53	9	3.04	.22	10	.63	812	5	.14	4	1100	14	<5	<20	69	.03	<10	68	<10	8	30
715 A-	11	G.L.	1100E	150S	.4	1.35	15	<2	60	<5	2.82	<1	13	91	28	3.22	.17	10	.97	850	7	.09	3	980	10	<5	<20	166	.03	<10	73	<10	9	56
715 A-	12	G.L. L	850E	122.5S	.6	.17	5	<2	145	<5	6.22	<1	5	104	3	1.14	.05	<10	.25	577	5	.08	2	340	32	<5	<20	604	.01	<10	17	<10	7	19
715 A-	13	G.L. L	750E	200S	.2	1.34	5	<2	80	<5	1.24	<1	9	140	4	2.97	.28	<10	.93	839	9	.11	4	780	18	<5	<20	48	.08	10	55	<10	7	60
715 A-	14	G.L.	1700E	325S	107.4	.01	5	<2	20	<5	.09	<1	3	448	1315	.81	.01	<10	<.01	56	18	.05	10	1080	3416	<5	<20	6	<.01	<10	4	<10	<1	4
715 A-	15	G.L.	1725E	325S	.8	.15	5	<2	20	<5	.35	<1	3	314	19	1.19	.05	<10	.02	260	22	.12	5	330	112	<5	<20	15	.01	<10	13	<10	2	8
715 A-	16	G.L.	1700E	320S	4.4	.02	<5	<2	345	<5	.02	<1	1	359	70	.41	.01	<10	<.01	63	24	.05	4	50	1714	<5	<20	5	<.01	<10	4	<10	<1	2
715 A-	17	G.L. L	800E	0+ 60S	2.2	.55	15	<2	210	<5	.61	<1	5	148	20	2.98	.24	<10	.80	465	11	.13	4	1030	40	<5	<20	46	.01	<10	62	<10	5	26
715 A-	18	G.L. L	800E	0+ 2S	<.2	1.59	<5	<2	85	<5	2.90	<1	12	76	18	3.22	.32	10	1.18	775	6	.08	4	1110	20	<5	<20	116	.04	<10	51	<10	10	59
715 A-	19	G.L.	750E	04S	.4	.37	<5	<2	50	<5	1.58	<1	10	74	24	2.77	.15	10	1.00	717	6	.10	2	920	16	<5	<20	56	.04	<10	85	<10	6	31
715 A-	20	G.L.	1050E	0+ 350.5S	.2	1.13	5	<2	45	<5	2.21	<1	8	107	116	2.42	.20	<10	.96	703	9	.11	3	830	42	<5	<20	66	.09	<10	85	<10	7	38
714 A-	1	G.L.	11500E	100N	25.4	.27	160	6	160	<5	1.92	<1	8	207	101	1.27	.33	<10	.25	681	13	.07	6	320	586	<5	<20	122	<.01	<10	9	<10	6	17
714 A-	2	G.L.	11500E	100.5N	35.0	.47	5	2	70	<5	1.39	<1	12	242	530	2.32	.09	<10	.39	876	20	.09	8	560	2456	<5	<20	90	.01	<10	21	<10	8	23
714 A-	3	G.L.	300E	775N	.4	1.45	5	2	105	<5	1.17	<1	14	101	29	3.08	.57	10	.96	749	8	.08	5	1060	42	<5	<20	48	.14	10	52	<10	10	78
714 A-	4	G.L.	11925E	215N	.2	1.85	<5	<2	90	<5	2.48	<1	16	85	33	3.70	.74	<10	1.39	813	6	.08	5	1040	26	<5	<20	76	.17	<10	100	<10	10	66
714 A-	5	G.L.	1200E	625N	.2	1.64	<5	2	120	<5	.99	<1	13	88	19	2.78	.82	<10	1.15	691	5	.09	2	1000	10	<5	<20	60	.18	<10	67	<10	6	65

NOTE: < = LESS THAN

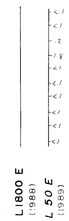
SC89/PLACE08

ECO-TECH LABORATORIES LTD.
DOUG HOWARD



LEGEND

SOIL GEOCHEMICAL DATA



SILVER IN SOILS
VALUES IN ppm

ANALYTICAL METHOD:
GEOCHEMICAL Ag ppm

ANALYSIS BY:
ECO-TECH LABORATORIES
KAMLOOPS

SAMPLING BY:
MINETA RESOURCES 1989
"B" SOIL HORIZON

0 100 200 300 400 500m
1:5000

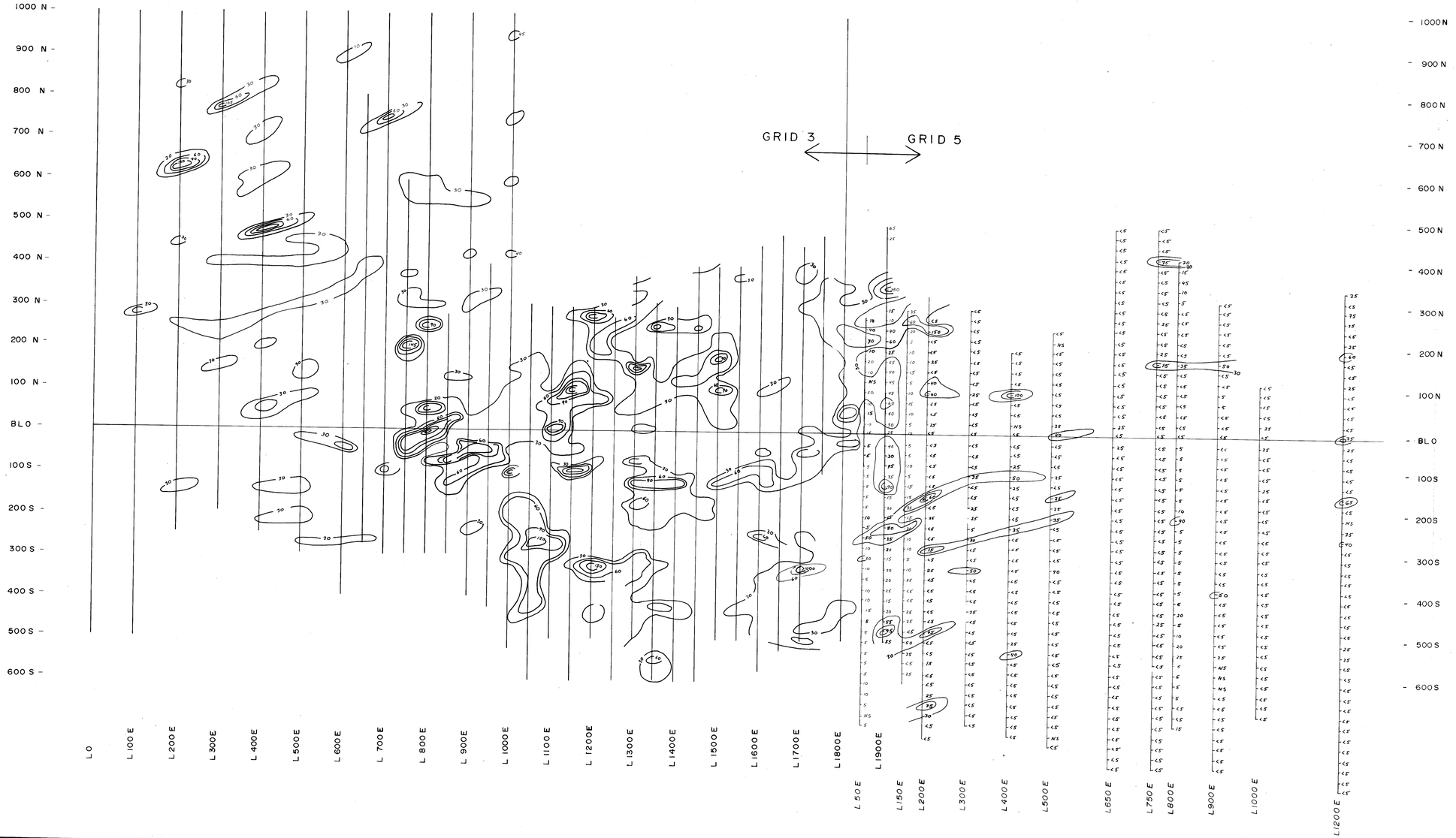
GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,029 Part 1 of 2

MINETA RESOURCES

GOLDEN LOON CLAIM GROUP
GRID 3 and 5
SOIL GEOCHEMISTRY Ag (ppm)

Date:	Drawn by:	Scale	
Jan., 1990	K.G.	1:5000	7



LEGEND

SOIL GEOCHEMICAL DATA

GOLD IN SOILS
VALUES IN ppb

CONTOURED Au VALUES (1988 and 1989)
CONTOURS AT 30, 60, 90, 120 ppb
Only values from 1989 survey shown.

ANALYTICAL METHOD:
GEOCHEMICAL Au ppb

ANALYSIS BY:
ECO-TECH LABORATORIES
KAMLOOPS

SAMPLING BY:
BARNES CREEK MINERALS, 1988
MINETA RESOURCES 1989
"B" SOIL HORIZON

0 100 200 300 400 500 m.

GEOLOGICAL BRANCH
ASSESSMENT REPORT

20,029 Part 1 of 2

MINETA RESOURCES

GOLDEN LOON CLAIM GROUP
GRID 3 and 5
SOIL GEOCHEMISTRY Au (ppb)

Date:	Drawn by:	Scale:	Fig.
Jan., 1990	K.G.	1:5000	6