NTS 92F/2
Lat 49°13'N
Long 124°51'W

GEOLOGICAL, GEOCHEMICAL and GEOPHYSICAL REPORT on the STAMP PROPERTY Alberni Mining Division, B.C.

for

BROCKTON RESOURCES INC.
1000 - 409 Granville Street
Vancouver, B.C. V6C 1T2
(604) 688-3577

19,346

by

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18 October 1989

R. Kidlark

SUMMARY

Reliance Geological Services Inc. carried out a Phase II exploration program, consisting of geological mapping, grid layout, claim staking, soil sampling, trench blasting and VLF-EM and magnetometer geophysics on the Stamp property. The work was done for Brockton Resources Inc. during September and October 1989.

The Stamp claim group is comprised of four contiguous four-post mineral claims, twelve contiguous two-post claim and one reverted crown grant. The claims are situated 1.5 kilometres west of Port Alberni, Vancouver Island, B.C.

The property is underlain by volcanic rocks belonging to the Upper-Middle Triassic Karmutsen Formation. The individual lithologic units consist of massive andesitic to basaltic flows, pillowed lavas, breccias and minor beds of tuff.

Seven showings have been reported on the property, including: Devil's Den, Raven, Dauntless, Pancho, Quixote, F.Y. and J.F.

The Phase II program located five exploration targets on the Upper Stamp grid and four on the Lower Stamp grid.

On the Upper Stamp grid, Target (T) 1 is a one point gold soil anomaly; T2 is a five point copper soil anomaly adjacent to a magnetic lineament; T3 is a linear VLF-EM conductor; T4 is a three point copper soil anomaly; and T5 is the Devil's Den gold showing.

On the Lower Stamp grid, Target (T) 1 is the J.F. gold showing; T2 is a five point copper soil anomaly adjacent to a coincident VLF-EM conductor and magnetic lineament; T3 and T4 are coincident VLF-EM conductors and magnetic lineaments.

Third and fourth phase exploration programs have been recommended. Phase III should consist of further grid layout, soil and rock sampling, geological mapping, magnetometer and VLF-EM geophysics and bulldozer trenching at an estimated cost of $70,000. Phase IV would be contingent upon favourable results from phase III and would consist of diamond drilling at an estimated cost of $132,000.

TABLE OF CONTENTS

LIST OF APPENDICES

LIST OF FIGURES

IN TEXT:

IN POCKET: Maps, all 1:5,000 unless otherwise noted

1. INTRODUCTION

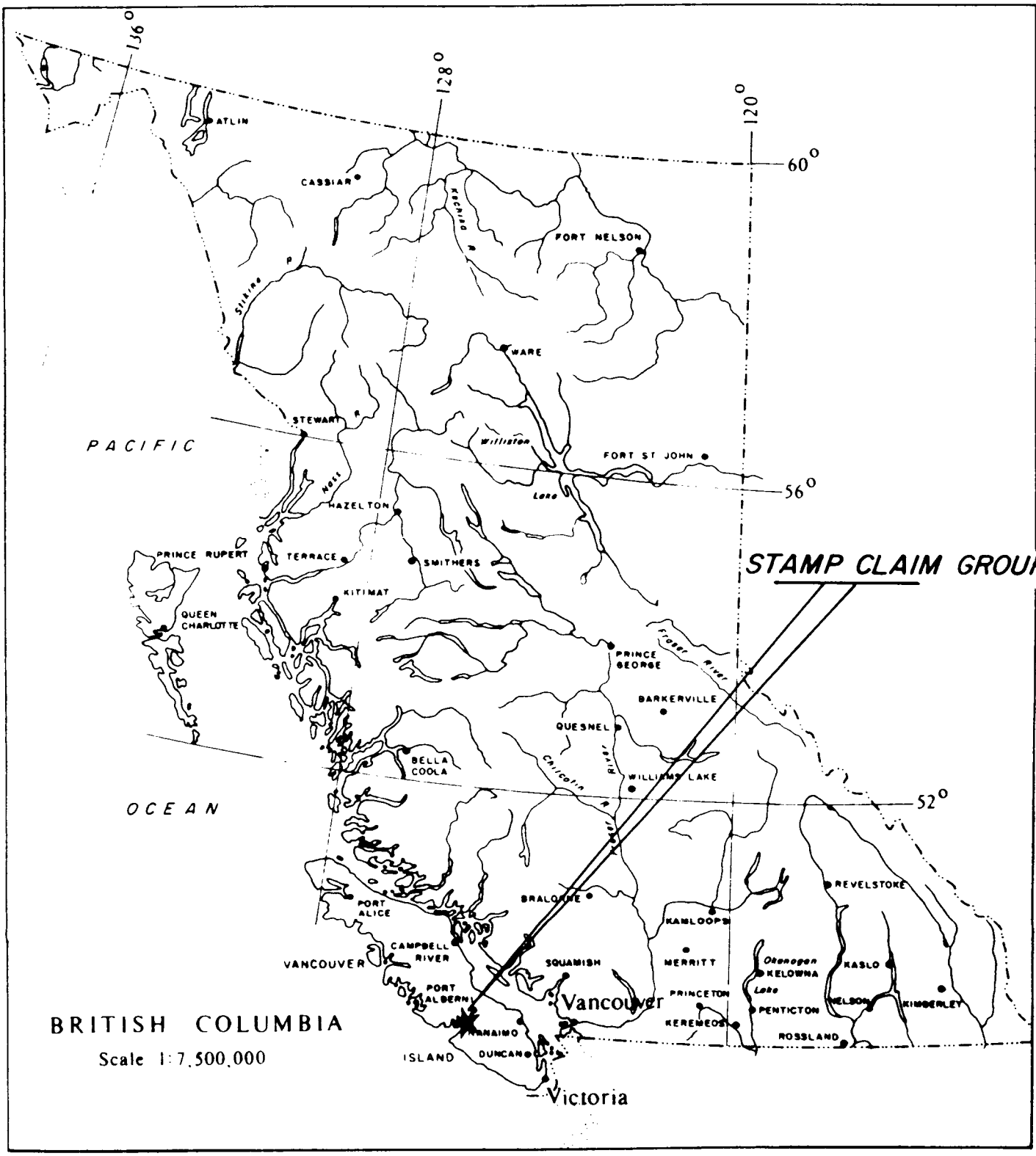
This report was prepared at the request of Brockton Resources Inc. to describe and evaluate the results of a Phase II exploration program carried out by Reliance Geological Services Inc. on the Stamp Claim Group, Port Alberni area, Vancouver Island, B.C.

The program consisted of geological mapping, grid layout, claim staking, soil sampling, trench blasting, and VLF-EM and magnetometer geophysics. The fieldwork was carried out from September 7 to October 8, 1989 by Gordon Addie (geologist), four geotechnicians, and the author (project geologist).

2. LOCATION, ACCESS, and TOPOGRAPHY

The Stamp Claim Group is situated in the Alberni Mining Division, approximately 1.5 kilometers west of the town of Port Alberni, B.C. on the west coast of Alberni Inlet.(Fig. 1)
The area is on NTS mapsheet 92F/2, and the coordinates are 49°13' North and 124°51' West.

Access is via a well-maintained logging road across the Somass River northwest of Port Alberni, then following the Cous Creek Macmillan Bloedel logging road southwest. Several secondary logging roads cover the property. A two-wheel drive truck can be used, but a four-wheel drive vehicle is recommended for complete access.



Brockton Resources Inc.

STAMP CLAIM GROUP
ALBERNI MINING DIVISION, B.C.

GENERAL LOCATION MAP

NTS: 92F/2W;92F7W	By: Drn
Date: Oct. 10/1989	Fig: 1

Reliance Geological Services Inc.

The eastern side of the property can be accessed by boat from Port Alberni. Within 500 meters of the coastline, slopes are steep and are crosscut by deep east-west trending gullies. Further to the west, slopes are less severe and rise moderately to an elevation of 400 meters along the edge of the Stamp 3 claim. Much of the claim area has been logged and is presently covered with second growth douglas fir, hemlock, cedar, salal and alder.

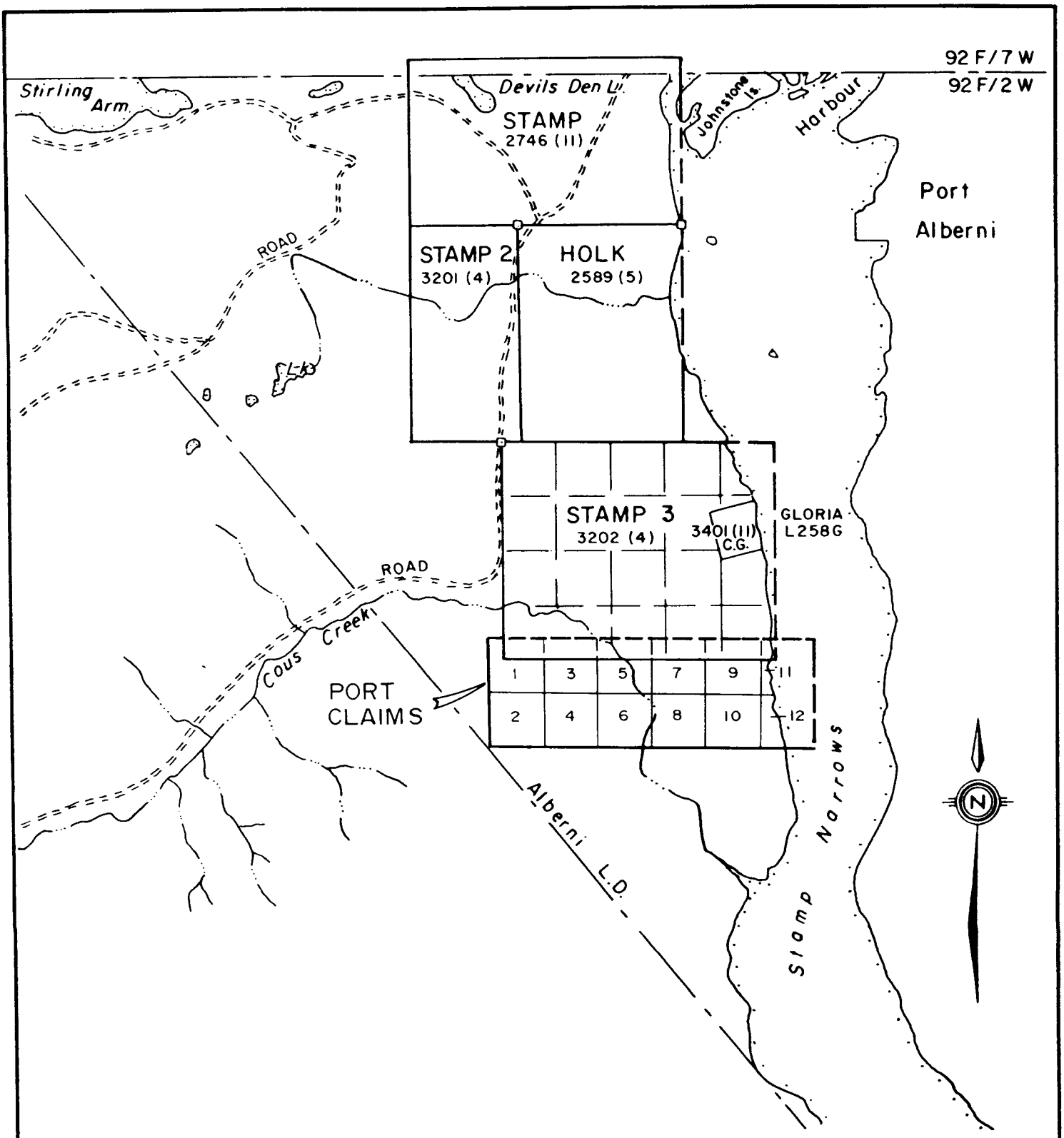
3. PROPERTY STATUS

The Stamp Claim Group is comprised of four contiguous mineral claims, twelve contiguous two-post claims, and one reverted crown grant. (Fig. 2) The two-post claims were staked at the same time as the Phase II exploration program began.

Pertinent claim data is as follows:

CLAIM	UNITS	RECORD #	RECORD DATE	EXPIRY DATE
Holk	12	2589	29 May 1985	29 May 1990
Stamp 1	15	2746	18 Nov 1985	18 Nov 1989
Stamp 2	8	3201	6 Apr 1987	6 Apr 1990
Stamp 3	20	3202	6 Apr 1987	6 Apr 1990
Gloria	1	3401	26 Nov 1987	26 Nov 1990
Port 1	1	3929	8 Sep 1989	8 Sep 1990
Port 2	1	3930	8 Sep 1989	8 Sep 1990
Port 3	1	3931	10 Sep 1989	10 Sep 1990
Port 4	1	3932	10 Sep 1989	10 Sep 1990
Port 5	1	3933	10 Sep 1989	10 Sep 1990
Port 6	1	3934	10 Sep 1989	10 Sep 1990
Port 7	1	3935	10 Sep 1989	10 Sep 1990
Port 8	1	3936	10 Sep 1989	10 Sep 1990
Port 9	1	3937	10 Sep 1989	10 Sep 1990
Port 10	1	3938	10 Sep 1989	10 Sep 1990
Port 11	1	3939	18 Sep 1989	18 Sep 1990
Port 12	1	3940	18 Sep 1989	18 Sep 1990

The total area, correcting for overlap, is approximately 67 units, or 1,675 hectares.



Brockton Resources Inc.

STAMP CLAIM GROUP
ALBERNI MINING DIVISION, B.C.

CLAIM MAP

NTS 92 F/2W ; 92F/7W	By : Drn
Date : Oct. 10/ 1989	Fig : 2

Reliance Geological Services Inc.

SCALE 1:50,000
0 500 1000 2000 3000 METRES

4. REGIONAL GEOLOGY (Figure 3)

Laanela (1987) describes the regional geology as follows:

"The Stamp Claim Group is underlain by a sequence of Mesozoic volcanic and intrusive rocks, which have a NNW regional strike and dip westward.
The oldest rocks, found in the central part of the claims and striking NNW, are the upper Triassic or older Karmutsen Formation volcanics of the Vancouver Group. They consist of massive basaltic flows, pillow basalt and breccia, and minor tuff volcanic breccia.

Further west, approximately 7 kilometers from the western edge of the claim group, the volcanics are overlain by a belt of Quatsino Formation, mainly massive to thick bedded limestone, which in turn is succeeded by Parsons Bay Formation shale and argillite. These two formations are Upper Triassic in age and form the uppermost part of the Vancouver Group.

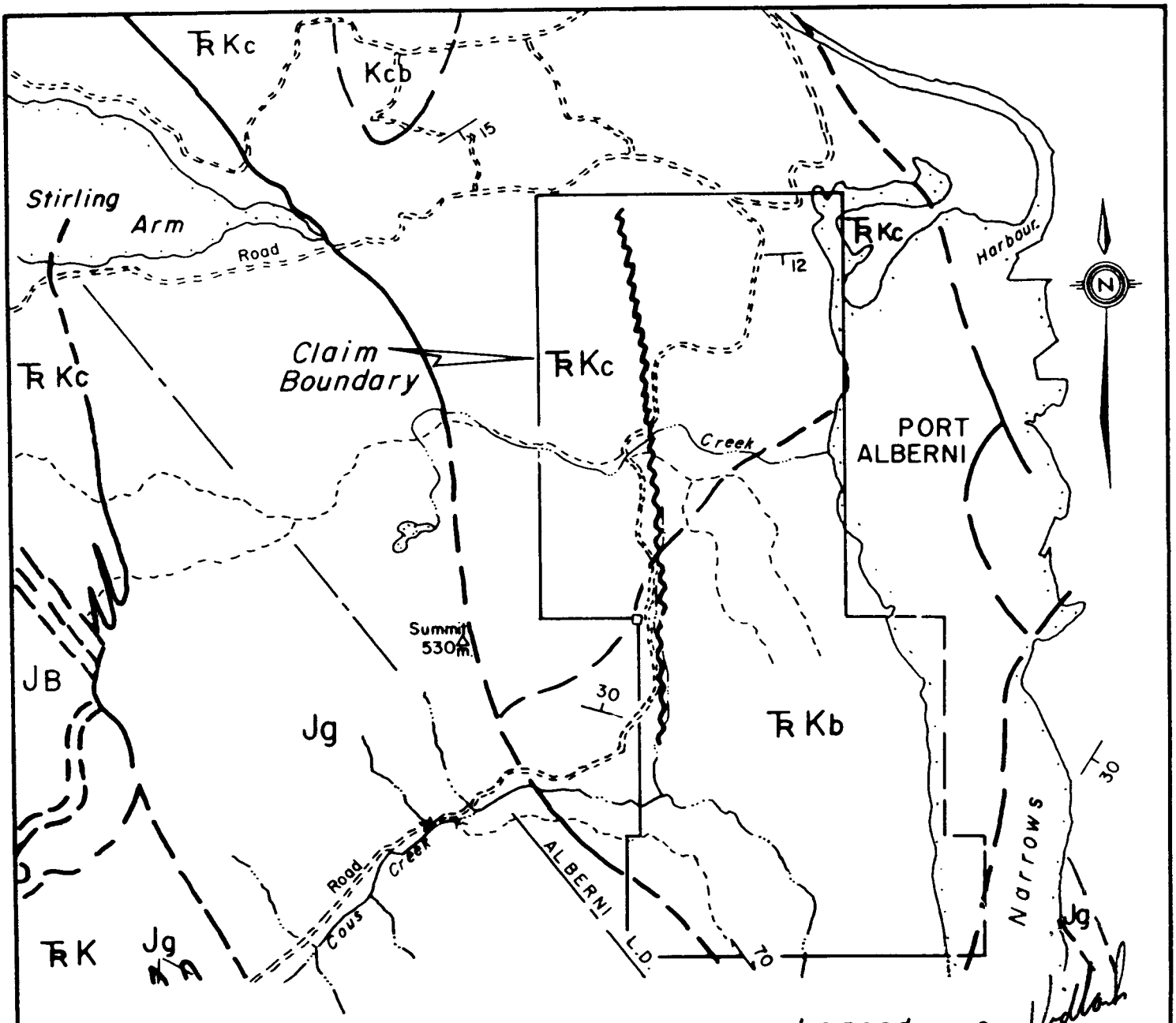
West of the Quatsino Formation, the Vancouver Group rocks are disconformably overlain by Lower Jurassic Bonanza Group, consisting of andesitic to dacitic volcanic rocks, including breccia, porphyry and tuffs, and minor intercalated beds of argillite and graywacke. Approximately 500 meters west of the claim group, the Vancouver Group rocks are mainly Karmutsen Formation and are penetrated by batholithic Island Intrusions of Jurassic age, ranging from granite to granodiorite to quartz diorite.

The Sicker Group rocks, oldest on the Island, are not known to occur in the property area, although they are quite common east of Alberni Inlet.

The youngest rocks in the area are the dacitic 'feldspar porphyry' dykes, intruding the older rocks. These 'later intrusives' are generally taken to be Tertiary in age (related to the Sooke and/or Catface intrusions elsewhere on the Island).

The main structural feature is a series of major NW to NNW trending faults affecting mainly the Vancouver Group rocks. These faults were probably formed during late Triassic time.

The Vancouver Group rocks, particularly the Karmutsen volcanics, are known to host several mineralized occurrences in the Alberni Inlet area. The following showings have been reported in the Cous Creek-Alberni Inlet area:



Legend

Roads

Fault

Geol. Contact (def.; inf.)

SCALE 1:50,000

0 500 1000 2000 3000 METRES

JURASSIC

Jg — Island intrusions : dioritic rocks; hybridized near contacts

JB — Bonanza Group : acid to basic volcanic lavas, tuffs, breccias with local interbedded siltstone argillite and graywacke

TRIASSIC

Vancouver Group :

TrKb,c — Karmutsen Fm - tholeiitic pillow lava suite with flows, tuffs & breccia

From : G.S.C. Open file 1272, sheet 7/10 ; after Sutherland, Brown, Yorath, Anderson and Dom

Brockton Resources Inc.

STAMP CLAIM GROUP
ALBERNI MINING DIVISION, B.C.

REGIONAL GEOLOGY

NTS : 92F/2W; 92F/7W	By :	Drn :
Date : Oct. 10/1989	Fig : 3	

Reliance Geological Services Inc.

1. Cous Creek Showings (Skarn Claim), approximately 4 kilometers west of the western mid-point of the Stamp 3 claim, consist of massive sulphide lenses and pods in volcanics near the diorite contact. Later (Tertiary?) dykes are also present in the area (B.C.A.R. #6956, 1977 and #6393, 1977, et al).

2. Kola Showing, approximately 7 kilometers WSW of the SW corner of the Stamp 3 claim. Mineralization consists of massive pods and lenses of pyrite and chalcopyrite associated with andesites of Karmutsen Formation; also siliceous shear zones and sulphides associated with dacites are evident. Assays were reported to range up to 0.328 opt Au, 4.71 opt Ag, and 29.2% Cu (Sookochoff, 1985; B.C.A.R. #101288, 1982 and #9913, 1981).

3. Rex Showing, at the headwaters of Cous Creek, about 4 kilometers SSE of the Kola Showing (above). Cu and Mo are reported (B.C.A.R #1591, 1968; B.C.M.M. 1967, p.77, et al)

4. Raven Prospect, (on the Stamp Claim Group) near the west shore of Alberni Inlet, opposite the town of Port Alberni.

5. Dauntless Prospect, (Gloria Crown Grant 258G, part of the Stamp Claim Group), approximately 2 kilometers south of the Raven Prospect on the west side of Alberni Inlet near Stamp Narrows.

6. B and K Prospect (Crown Grant 136G), about 1 kilometre south of the Stamp 3 southern boundary and 500 meters W of the west coast of Alberni Inlet. A north-trending, steeply dipping, 5 foot wide shear contains Cu mineralization with a reported estimated grade of 1%. Also known as the Cous Creek Copper Showing (Laanela, et al, 1966).

7. Hayes Mine, a number of Crown Grants, some 18 kilometers south of Stamp 3 claim's southern boundary. Historically, it was the most productive property in the area. An intraformational limestone horizon hosts skarn-type mineralized zones up to 28 feet wide which contain magnetite, pyrite and chalcopyrite. There are no intrusive outcrops related to the skarn mineralization. It is also known as the Nahmint Mine (B.C.M.M., 1898, p. 1131; 1901, p. 1095; 1906, p. H193)."

5. HISTORY and PREVIOUS WORK

According to B.C. Minister of Mines (B.C.M.M.) reports dating back to 1898, mining exploration and shipment of small amounts of ore have been carried out in the Alberni Inlet area since the late 1800's. Some of the highlights concerning specific properties are: (Laanela, 1987)

"1) The Hayes (Nahmint) Mine, approximately 18 km south of the Stamp 3, reportedly shipped 2180 tons of ore from 1898-1902, yielding 328,245 lbs of Cu, 62 ozs Au, and 2917 ozs Ag. It was closed in 1902.

2) The original Cous Creek property, now the Skarn claim, was discovered in 1972 and explored by Craigmont Mines in 1976 and Bethlehem Copper in 1977. Exploration work is continuing at present for skarn-type mineral deposits.

3) The Dauntless Prospect (Minfile #168) is an old copper showing, first documented in B.C.M.M. Annual Report 1918 when a small shipment of sacked ore was made and an assay taken from the dump remaining. Results indicated trace Au and Ag and 2.2% Cu. In the 1924 B.C.M.M. Annual Report, exploration work consisted of three open-cuts which were to test the two series of shear zones present. In the 1927 Annual Report, it was mentioned that a 27 foot shaft had been sunk. It appeared well mineralized with both pyrrhotite and chalcopyrite. The district geologist at that time believed that the Dauntless was the most promising showing and recommended that a tunnel be driven under the shaft to determine the extent of the ore-shoot. It does not appear that significant additional work was completed after the 1927 Report, as the 1931 Annual Report repeats the recommendations made in 1927.

4) The Raven Prospect (Minfile #155) is located approximately 200 meters west of the west coast of the Inlet and 250 meters south of Holk Island. (Fig. 2) The prospect consists of three veins with 'values' (B.C.M.M. Report, 1898). The width and tenor of mineralization was not reported."

Recent Exploration

In 1960, Cruikshank Explorations completed three diamond drill holes on the Stamp Claim Group. Hole #1 is located 19 meters south of the SE corner of the Gloria Crown Grant and 19 meters west of the west coast of Alberni Inlet. This 150 meter hole

was drilled at an angle of 45 degrees, S70 W and intersected varying concentrations of chalcopyrite from 62.5 meters to 143 meters. Hole #2 is approximately 380 meters south of the SE corner of the Gloria Crown Grant and five meters west of the west coast of the Inlet. This hole was drilled at 45 degrees, approximately west, to a depth of 152 meters with minor amounts of chalcopyrite and pyrite observed. Hole #3 should be located at L42N 4+50 E according to the present grid. This hole was drilled at 45 degrees, to the south, to a depth of 309 meters, and intersected chalcopyrite at 80 to 83 meters and again at 86 to 89 meters. No assays were reported. (Chapman, Wood, Griswold 1961)

During the 1961 field season, ground traverses were completed, with recommendations made for a future program.

In 1962, several surveys were completed by Cruikshank Explorations Ltd on the property, following the recommendations of the previous year. These included the completion of a topographic base map, survey control, ground magnetometer survey, ground AF mag survey, geological mapping, reconnaissance-type I.P. and resistivity survey, followed by a detailed survey and investigation of the strongest I.P. anomaly by means of a diamond drill hole.

The radar magnetometer and AF Mag surveys revealed no significant anomalies. The geological mapping and study of petrographic thin sections revealed errors made in previous rock identification. It was determined that no sedimentary

rocks were present. The I.P. survey, conducted using a 300 foot electrode configuration with some detail work at 100 foot spreads, revealed a weak anomalous zone in the northern part of the property, extending over 305 meters, and located 76 meters SSW of DDH#3 (approximately L42N 4+50E). DDH#4 was used to test the anomaly. This hole, location unknown, is described as dipping 45 degrees to a depth of 350 feet to the west, and containing minor amounts of sulphide at 43 to 49 and 67 to 73 meters. Assay results of the mineralized intersections contained .06 and .04% Cu respectively (Bell, 1962).

Regional mapping, geochemical sampling surveys and general prospecting were performed in the area west of Alberni Inlet in 1965 by Gunnex Ltd. The area of the I.P. anomalies was prospected with only minor Cu mineralization noted (Laanela, 1966).

In 1983, a ground electromagnetic (EM-VLF) survey was performed by Gearex Engineering for International Phasor Telecom Ltd. The survey covered an area approximately 400 by 1000 meters in a NW trend over the current boundaries of the Holk and Stamp 2 and 3 claims. Its purpose was to detect conductive zones which could indicate the presence of faults, fissures, or massive sulphide zones. The results identified several conductive zones. These were thought to possibly correspond with the earlier I.P. anomalies, but additional correlative work appears not to have been done (von Rosen, 1983).

A geological examination of the Holk and Stamp 1 claims was completed in 1986 for United Chieftain Resources Ltd., involving mapping at a scale of 1:5000. Results were consistent with earlier work completed in the area (Royer, 1986).

A program of geological mapping and rock and soil sampling was completed in 1988 by Ashworth Explorations for Napier Exploration Inc. (now named Brockton Resources Inc.). Three main anomalous zones were outlined in the sampling:

- The Devil's Den showing, 37+00N 8+00W, included a 20 cm wide quartz vein, mineralized with pyrite and chalcopyrite, which assayed up to 4150 ppb Au (.12 opt) and 2567 ppm Cu. This showing was associated with a north-south trending fault.
- The Raven area, 28+00N 5+50E, included two 20 cm wide quartz veins mineralized with pyrite and chalcopyrite. Assay results included anomalous Cu (2404 to 6809 ppm), Ag (one sample, 12.7 ppm), and Au (one sample, 195 ppb).
- The southern grid area (Dauntless) contained Cu, Zn, and Au anomalies and yielded some significant rock sample assays. A 10 to 60 cm wide and 12 meter long quartz vein yielded an average Cu value of 16,698 ppm (1.7%), with anomalous Ag and Au. Select dump material samples assayed up to 72,051 ppm (7.2%) Cu.

Anomalous soil geochemistry in both the Raven and Southern Grid areas indicated that the mineralized veins could continue along strike (Leriche and Yacoub, 1988).

In April 1989, Ashworth Explorations carried out a rock sampling program for Brockton Resources Inc. Results are as follows: (Leriche, 1989)

"The Devil's Den workings are located along a 20 to 30 cm wide quartz vein and silicified shear zone. Limited rock sampling to date has yielded two anomalous gold values (.068 and .12 opt).
The second area, extending from the Dauntless showings to the SE corner of the Stamp 3 claim, consists of two

parallel quartz-infilled shear zones mineralized with up to 30% combined pyrite-chalcopyrite-malachite. Both zones have outlined average copper grades of 1.7% and 2.9% across 30 cm and along 10 to 12 meters.
The F.Y. showing, 1 km south of the Dauntless showings, is a silicified east-west pyritic shear similar to the Dauntless. Copper values of 0.85% and 1.97% and a gold value of .048 opt were obtained."

6. 1989 PROGRAM

6.1 SCOPE AND PURPOSE

During September and October 1989 a field crew consisting of two geologists, two geotechnicians, one geophysical operator and a blaster completed a program of geological mapping, rock sampling, hand blasting, claim staking, grid layout, soil sampling, and magnetometer-VLF-EM geophysics.

The purpose of the program was to:

a) follow-up on previous rock and soil anomalies using geophysical and geochemical methods, and

b) cover unexplored parts of the property using geochemical methods to evaluate its potential.

6.2 METHODS AND PROCEDURES

On September 8 and 10, 1989, the Port 1 to 12 two-post mineral claims were staked along the existing southern claim boundary to include the F.Y. showing in the claim group.

On the northern half of the property, the 1988 flagged grid lines were re-established over the areas of the Devil's Den and Raven Showings. Fill-in lines were added to tighten the grid to 100 m. line spacings.

On the southern half of the property, a new grid line was laid out to cover the Dauntless showings, F.Y. showing, and the Port claims. The baseline was run at 070 degrees so that the cross lines would be approximately perpendicular to the geological structures.

Adjacent to the showings, the flagged compass lines were established at 100 m. spacings. Elsewhere, line spacings were at 200 m. Sample stations were flagged and labelled at 50 meter intervals. A tie-line was surveyed at 6+50N for 600 meters.

Total line surveyed in 1989, including the north and south half, was 33.0 kilometers.

Geological mapping was carried out using a scale of 1:5,000 (Maps 1 and 2). Detailed mapping of several showings was done at scales of 1:200 and 1:50. Four mineral showings were blasted using a Skidril gas plugger, dynamite and B-line. A total of 38 rock samples were collected and analyzed for gold (fire assay) and multi-element ICP by International Plasma Laboratory Ltd. See Appendix B for analytical results and techniques.

The 1989 grid was soil sampled at 50 meter station spacings. The total number of samples taken was 723. All samples were taken with a shovel hoe from the B horizon (approximate depth 30 cm), placed into marked Kraft paper bags and sent to International Plasma Laboratory Ltd. for analysis. Samples were analyzed for gold and multi-element ICP (Appendix B).

Interpretex Resources Inc. carried out and interpreted a magnetometer and VLF-EM geophysical survey over both the re-established and new grids.

7. RESULTS

7.1 PROPERTY GEOLOGY (Maps 1 and 2)

7.1.1 STRUCTURE

Outcrop is exposed over approximately thirty percent of the claim area and is limited to stream sides and steeper slopes.

Geological mapping was limited to the 1989 grid area and was combined and correlated with lithologic units presented by Yacoub (1988).

The entire claim area is underlain by volcanic rocks belonging to the Upper-Middle Triassic Karmutsen formation.

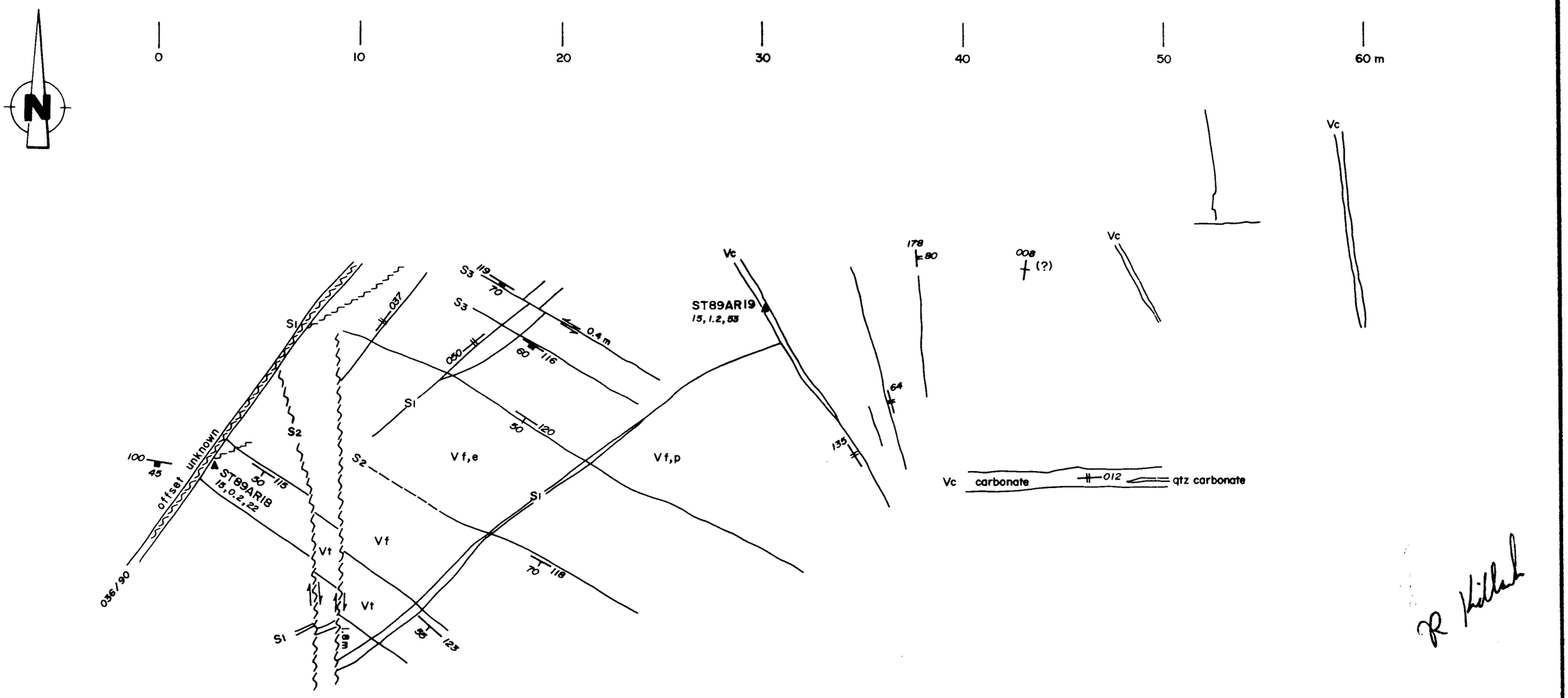
Thick moss and lichen cover the majority of the outcrops and often preclude describing the rock beyond undifferentiated andesitic volcanics.

Where possible, the rocks were divided into a porphyritic andesite and dacite unit (Vp), a pillowed andesite and basalt unit (Vf), and an aphanitic tuff unit (Vt). The time stratigraphic relationship between the units is not evident.

A description of the lithologic units is as follows:

Undifferentiated Volcanics - V

These rocks are dark green-purple to dark gray in colour and consist of a 400 meter thick heterogeneous unit of pillowed lavas, breccias, porphyries and tuffs. The presence of chlorite, hematite and amygdules infilled with quartz, carbonate and chlorite indicates metamorphism to sub-greenschist facies.



ST89AR18
▲ 1989 Rock Sample Location
Au(ppb), Ag(ppm), Cu(ppm)

0 5 10 METRES

Lithologies

Vt	Bedded Tuff - preferentially altered by carbonate
Vf	Flow
Vf,e	Equigranular Flow or Sill
Vf,p	Contains Pillows or Bombs
Vc	Carbonate or Carbonate Altered Dyke

Structures

S1	Carbonate +/- quartz (mainly tension) veinlets with associated carbonate wall-rock alteration.
S2	Carbonate altered faults
S3	Unaltered fractures

Alteration

Buff to Orange weathering Volcanics

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP
ALBERNI M.D., B.C.

COUS CREEK

DETAILED GEOLOGY

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1 : 200	NTS 92·F/2
	Date Oct. 10 '89	Figure 4
	Drawn G. Addie WGI	

Porphyritic Andesite and Dacite - Vp

These rocks are fine to medium-grained, dark gray in colour and contain phenocrysts of plagioclase up to 0.5 centimeters in diameter.

A band of this unit was mapped along the western side of the property by Yacoub (1988).

The unit probably represents a thick sill comagmatic with the Karmutsen volcanic flows and tuffs.

Pillowed Andesite and Basalt - Vf

Pillow lava and pillow breccia are a distinguishable unit at the south central part of the claim area.

Pillows vary in shape from rough spheres .15 cm to 30 cm in diameter to irregular ellipsoids up to 60 cm in width. The open spaces between pillows are filled with quartz and epidote.

In the pillow breccia, pillows are broken into angular fragments of diverse size, some showing chilled rims.

Pillows and breccia fragments carry white or green plagioclase phenocrysts, singly or in clusters.

Amygdules occur throughout and are filled with quartz or epidote.

Tuff - Vt

Tuff beds rarely display bedding, tend to be no more than a few meters thick, and consist of visible plagioclase plus or minus altered (chloritic) pyroxene crystals in a homogeneous light-coloured weathered rock.

Structure

Bedding in the tuffs and flows strike 140 to 160 degrees and dip steeply southwest.

Irregular hybrid joints which show components of both extension and shear displacement are common and have no preferred orientation.

An estimated north-south trending fault occurs along the west side of the claim area.

7.1.2 MINERALIZATION AND SHOWINGS

Clay-rich limonitic fractures locally contain quartz-carbonate-sulphide stringers. Sulphides consist of fine-grained cubes of pyrite and fine-grained blebs or grains of anhedral chalcopyrite. Within the altered fractures, quartz and sulphide content increases:

1) Between close-spaced zones, parallel fractures, and
2) At splays and dilatant zones within the fractures.

The following showings occur on the claim area:

Devil's Den Showing

Located at approximately 37+00N, 8+00W, consisting of one shaft (1.5 metres deep) and two pits. No work was done on this showing during the 1989 program.

According to Yacoub (1988):

"This showing is associated with the major north-south fault which transects the entire property.

The shaft area contains a dark gray andesite with 30% quartz-calcite veinlets. Three samples were taken from the shaft and dump. Results were not significant.

The southern-most open cut contains a 20 cm wide quartz vein, striking 110 degrees, with 10% pyrite and 1-2% chalcopyrite. One 30 cm wide chip sample (R-56) taken across the vein assayed 4150 ppb (.12 oz/ton) gold and 2567 copper. The gold results was the highest found on the property.

The eastern open cut also consists of a quartz vein (30 cm wide) disseminated with 2-3% pyrite. The select rock sample taken from this pit was anomalous in gold (125 ppb)."

Raven Showing

The Raven Showing could not be located by the author and is not included in this report (described by Yacoub, 1988).

Dauntless Showing

The Dauntless workings are located along 1989 grid line 0+00, 7+50N and consists of a 2.0 meter deep shaft, an upper adit, a lower adit, and a pit.

Shaft: The shaft is filled with water and contains no visible mineralization.

Pit: A small pit located adjacent to the shaft was blasted open as part of the 1989 program (Pit 2). No mineralization was located.

Dauntless Adit:

The adits are open, have adequate natural ventilation and the backs are competent and stable. Average drift height is 1.9 meters. No stoping has been carried out.

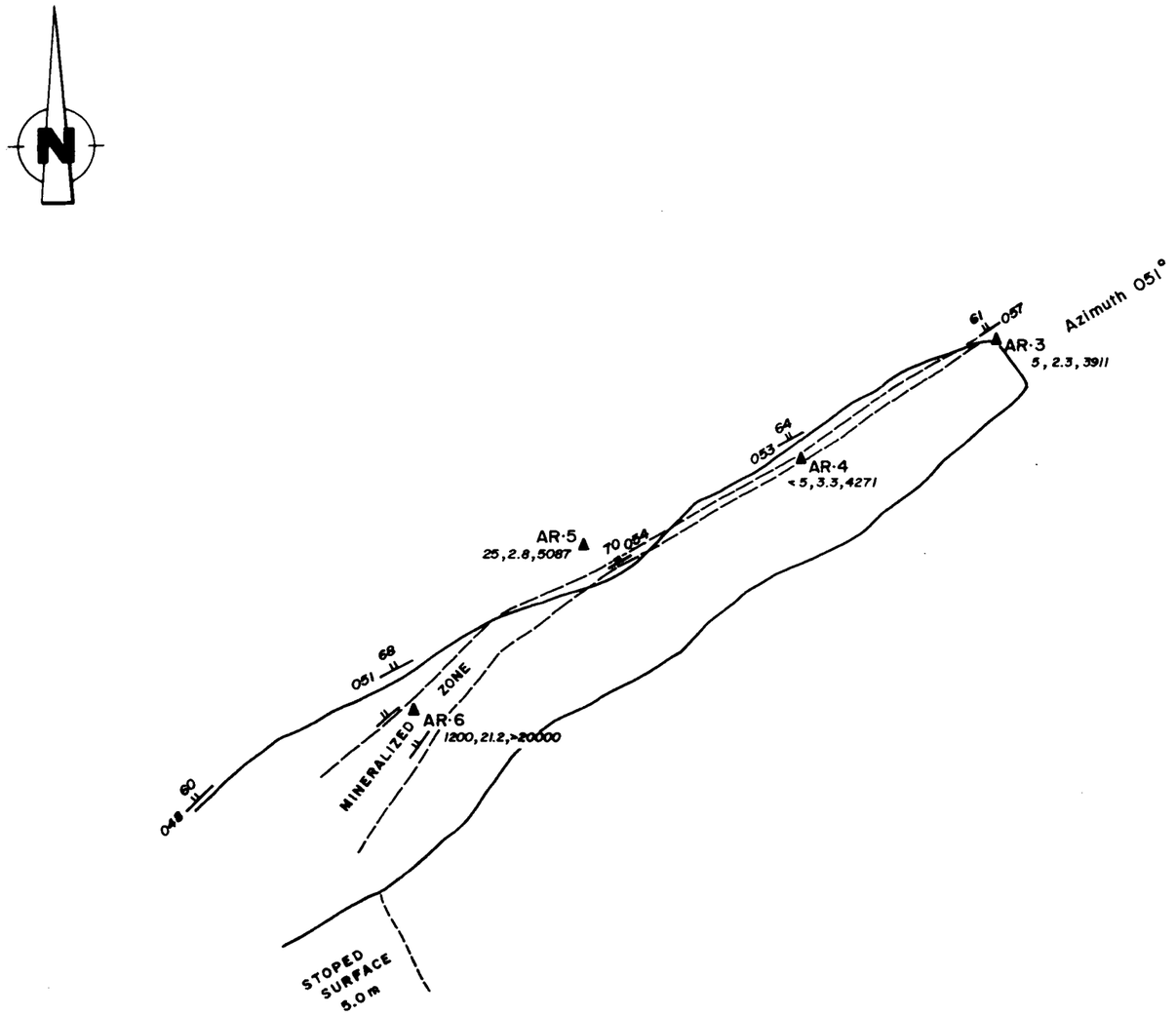
The host rocks are dark green undifferentiated Karmutsen andesites.

Upper Dauntless Adit (Figure 5)

A dominant fracture containing quartz-carbonate-pyrite and chalcopyrite is exposed continuously on the west wall of the drift. The drift is approximately 8.0 meters in length. During the 1989 program four continuous rock chip samples were taken across the width of the mineralized zone. A summary of values is as follows:

SAMPLE NUMBER	WIDTH	GOLD (ppb)	SILVER (ppm)	COPPER (ppm)
AR3	20cm	5.0	2.3	3,911
AR4	20cm	<5.0	3.3	4,271
AR5	20cm	25.0	2.8	5,087
AR6	40cm	1,200	21.2	14.32%

At the collar, the fracture forms a zone 30 cm wide. In 1988 Yacoub obtained an average value of 1.7% copper (Yacoub, 1988)



LEGEND

AR·5 ▲ 1989 Rock Sample Location
Au (ppb), Ag (ppm), Cu (ppm)

Limonitic, sulphide bearing fractures.

0 0.5 1 1.5 2 2.5 METRES

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP
ALBERNI M.D., B.C.

DAUNTLESS
-Upper Adit-
ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1:50	NTS 92·F/2
	Date Oct. 10 '89	Figure 5
	Drawn G. Addie WGI	

Lower Dauntless Adit (Figure 6)

The lower adit is located approximately 25 meters east of the upper adit. This second adit, 15 meters long, is drifted along a parallel fracture set which dips approximately 55 degrees to the east.

Both dominant and smaller subsidiary fractures contain variable amounts of white clay, limonite, pyrite, chalcopyrite and malachite. Individual fractures are one millimeter to 3 cm wide, with chalcopyrite blebs developing in dilatant sections.

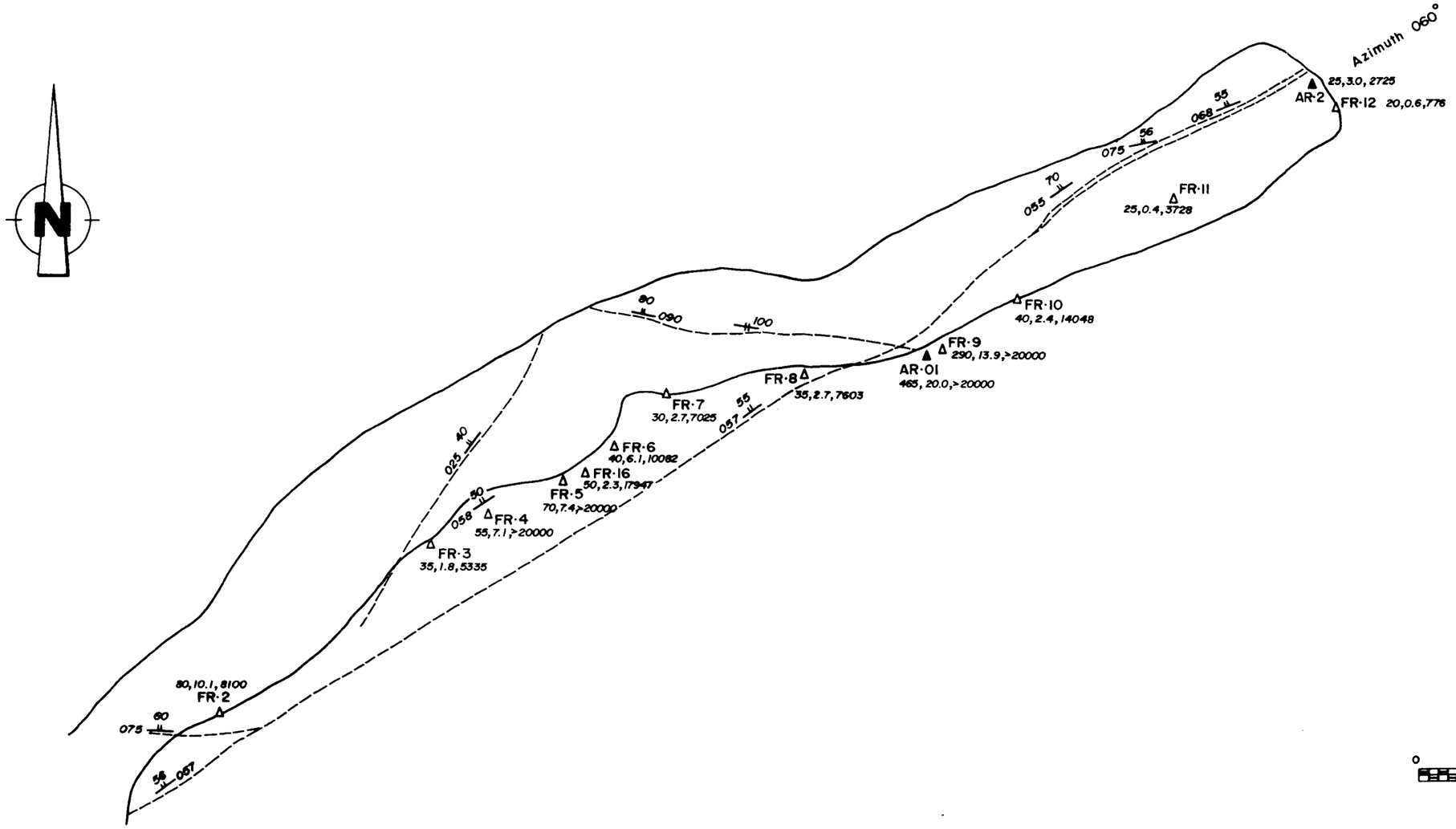
Rock sample AR2 was collected from the end of the drift in 1989. It returned values of 25.0 ppb gold, 3.0 ppm silver and 2,725 ppm copper. Chip sampling along a ten metre length by Yacoub returned an average value of 2.9% copper over a width of 30 cm (Yacoub, 1989).

Pancho Adit (Figure 7)

During the 1989 program, the Pancho adit was located on the shoreline at L1+00E, 3+10N (1989 grid).

A limonitic clay-rich fracture is exposed for a length of 20.0 meters along the drift. The strike of the fracture is approximately 109 degrees and the dip is 55 degrees north. Three select rock chip samples were collected and the results are as follows:

SAMPLE NUMBER	WIDTH	GOLD (ppb)	SILVER (ppm)	COPPER (ppm)
AR10	30cm	<5.0	1.1	302
AR11	15cm	10	1.9	470
AR12	25cm	90	2.2	1,771



0 0.5 1 1.5 2 2.5 METRES

LEGEND

AR·2 ▲ 1989 Rock Sample Location
Au (ppb), Ag (ppm), Cu (ppm)

FR·11 △ Rock Sample Locations by others.

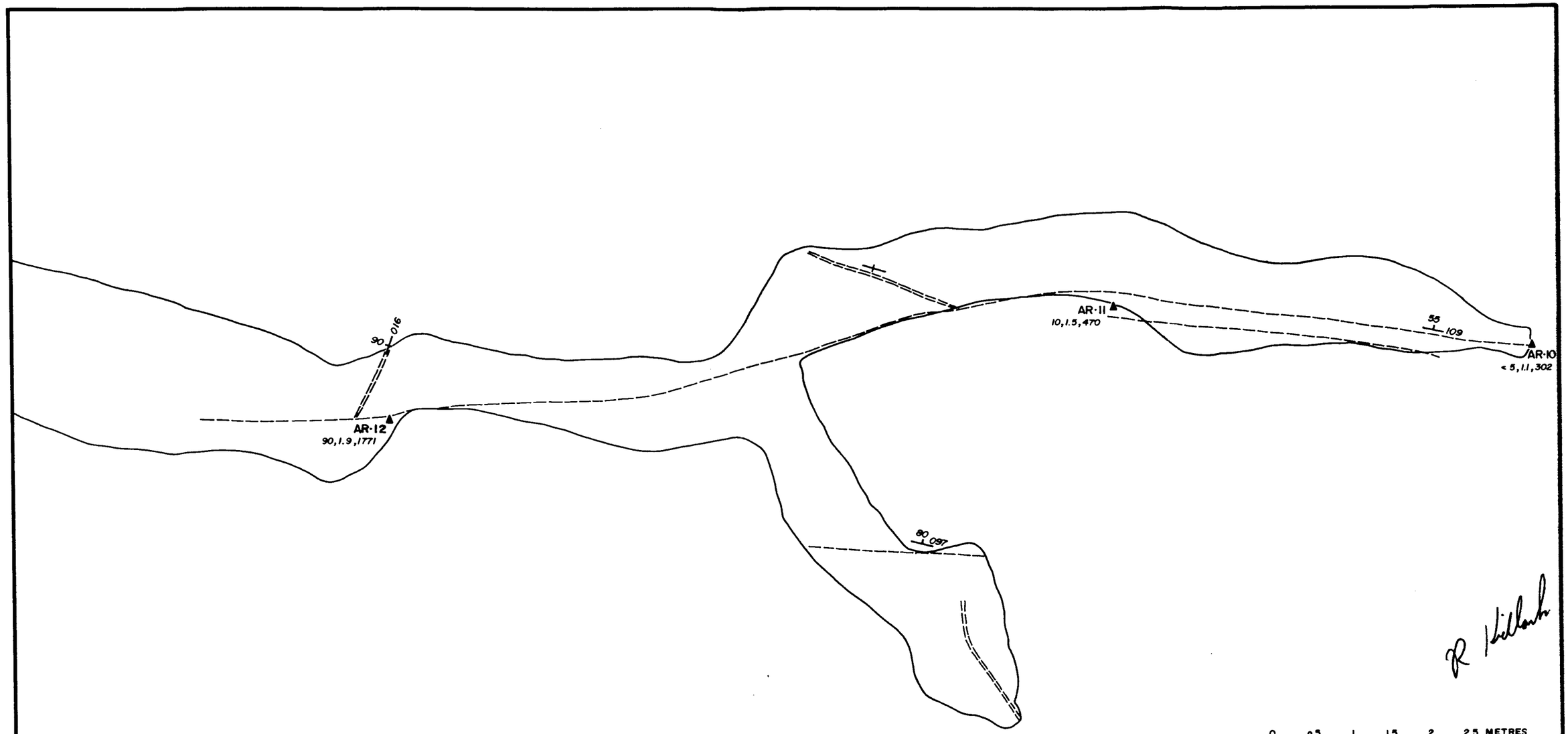
~~~~ Limonitic, sulphide bearing fractures.

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP
ALBERNI M.D., B.C.

DAUNTLESS
-Lower Adit-
ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1 : 50	NTS 92·F/2
	Date Oct. 10 '89	Figure 6
	Drawn G. Addie WGI	
~~~~



0 0.5 1 1.5 2 2.5 METRES

N

LEGEND

AR-12 ▲ 1989 Rock Sample Location
Au (ppb), Ag (ppm), Cu (ppm)

Limonitic, sulphide bearing fractures.

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP
ALBERNI M.D., B.C.

PANCHO ADIT

ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1 : 50	NTS 92·F/2
	Date Oct. 10 '89	Figure 7
	Drawn G. Addie WGI	

Quixote Adit (Figure 8)

During the 1989 program, the Quixote adit was located on the shoreline at L1+00E, 2+25N (1989 grid). The adit consists of three levels. The lower level is 13 meters long, the sub-level is 4 meters long and the upper level is approximately 6 meters in length. The sublevel is unsafe for sampling and the upper level requires scaling prior to entering.

The dominant fracture maintains a consistent strike and dip of 070/40 degrees south. Smaller fractures and splays have variable orientations. These fractures are oxidized and contain traces of pyrite and chalcopyrite. Three rock chip samples were collected from the lower level and returned the following values:

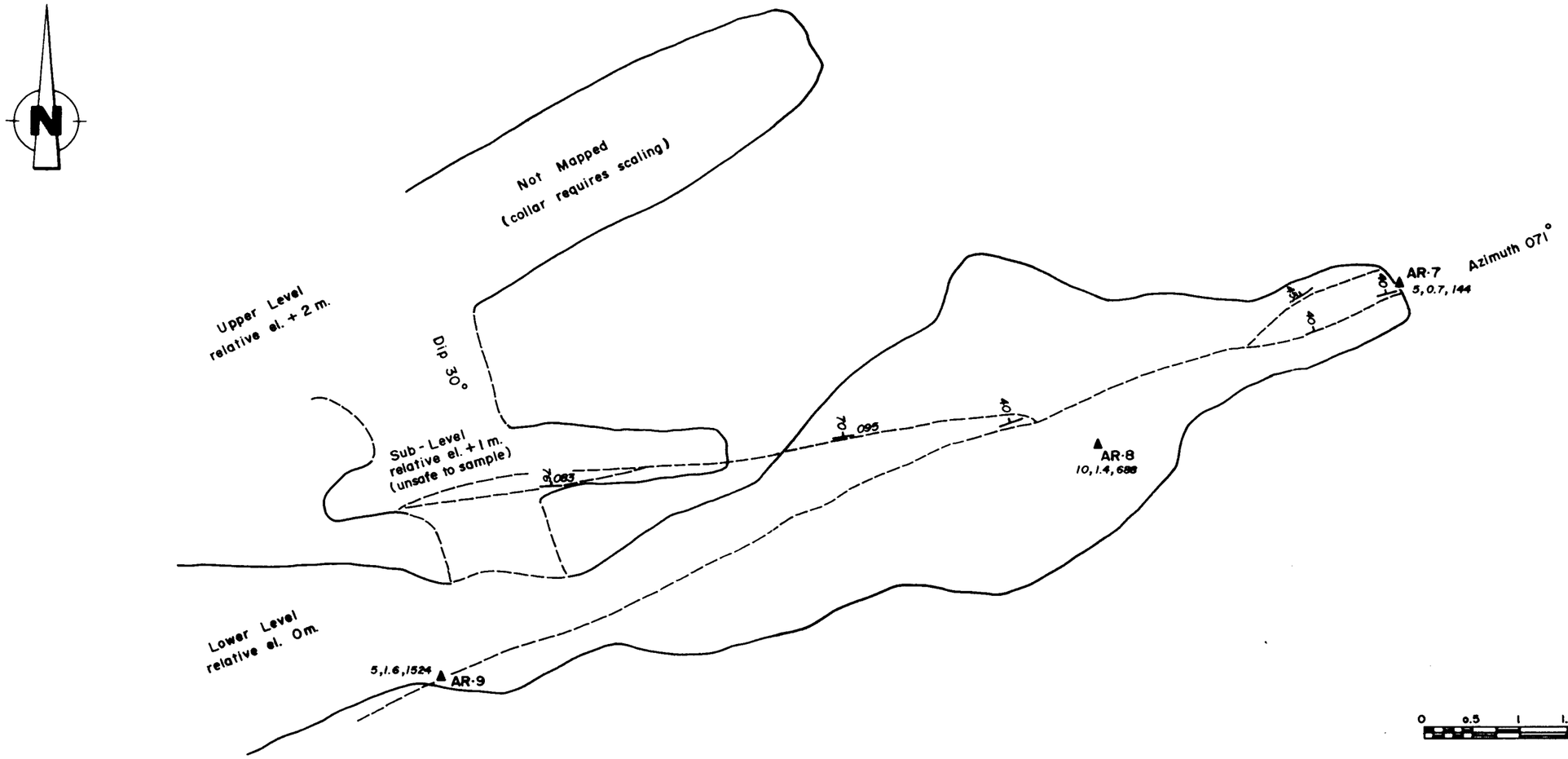
SAMPLE NUMBER	WIDTH	GOLD (ppb)	SILVER (ppm)	COPPER (ppm)
AR7	25cm	5.0	0.7	144
AR8	10cm	10.0	1.4	688
AR9	10cm	5.0	1.6	1,524

F.Y. Showing

The F.Y. showing is located on the shoreline approximately 60 meters due east of gridpoint L1+00W 3+50S.

Pit 3 was blasted to expose a mineralized limonitic shear zone in undifferentiated Karmutsen volcanics.

The shear zone varies from 3 to 25 cm in width, and averages 10 cm. The strike is 145 degrees and the dip is vertical. Disseminated pyrite, chalcopyrite and malachite are associated with more quartz-rich sections of the zone.



LEGEND

AR·8 ▲ 1989 Rock Sample Location
Au (ppb), Ag (ppm), Cu (ppm)

Limonitic, sulphide bearing fractures

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP
ALBERNI M.D., B.C.

QUIXOTE ADIT

ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1:50	NTS 92·F/2
	Date Oct. 10 '89	Figure 8
	Drawn G. Addie WGI	

Two select rock chip samples were collected from the blast pit. Sample KR09 returned values of 25 ppb gold, 3.0 ppm silver and >2.0% copper. Sample KR10 returned values of 1,230 ppb gold, 1.6 ppm silver and 7,918 ppm copper.

J.F. Showing

The J.F. showing is located along a road cut at 1989 grid location L15+50W 1+70N.

Pit 4 was blasted to expose a 10 cm wide limonitic fracture containing a mineralized quartz stringer. Sample JFR01 (TYPE, WIDTH?) was collected from the blast pit and returned values of 3,185 ppb gold, <0.1 ppm silver and 124 ppm copper.

Other Significant Rock Samples

A mineralized boulder of limonitic-calcite altered volcanic was located along a road cut at L17+10W 1+80N. Sulphide mineralization consisted of traces of pyrite, chalcopyrite and malachite. Values of 1,645 ppb gold, 2.1 ppm silver and 2,692 copper were returned.

7.2 GEOCHEMICAL SOIL SURVEY

All geochemical data was sent to Tony Clark Consulting Services for statistical analysis. For interpretation purposes, correlation coefficients were calculated and frequency distribution histograms were plotted for gold, silver, and copper.

GEOCHEMICAL SOIL SURVEY

7.2.1 Gold in Soils (Maps 3,4,5,6)

1989 Data

Range:	<5 ppb to 100 ppb
Mean:	5.30
Standard Deviation:	14.54
Background:	0 - 20 ppb
Anomalous Threshold:	40 ppb

The combined 1988 and 1989 data turned up the following one point anomalies:

LOCATION	GOLD VALUE (ppb)	COMMENTS
Upper Stamp Grid		
L22N 9+00N	400	
L25N 7+00E	100	
L20N 10+50W	80	
L27N 0+00E	70	
L14N 11+50W	65	
L18N 5+50W	45	
Lower Stamp Grid		
L6N 6+00W	130	
L16W 1+00N	70	
L14N 11+50W	65	
L1W 9+50N	50	
L3W 2+00S	45	642 ppm Cu
L0E 8+00N	40	
L10W 2+00S	40	
L10W 8+00S	40	
L18W 1+50S	40	

7.2.2 Silver in Soils (Maps 7,8,9,10)

1989 Data

Range:	<0.1 ppm to 2.9 ppm
Mean:	0.43
Standard Deviation:	0.46
Background:	0 - 0.6
Anomalous Threshold:	1.1

The combined 1988 and 1989 data turned up the following anomalies (all one point, except where noted):

LOCATION	SILVER VALUE (ppm)	COMMENTS
Upper Stamp Grid		
L31N 1+50W	2.40	
L39N 1+00W	1.4	
L46N 0+50W	1.37	
L46N 7+50W	1.37	
L46N 4+00W	1.12	
L31N 0+50W	1.10	
Lower Stamp Grid		
L18W 1+50N	2.86	2 point anomaly, 775 ppm Zn
L16W 1+50N	1.18	
L6W 7+50S	1.63	
L2W 2+00N	1.31	
L3W 8+00N	1.20	
L6W 3+00S	1.19	
L4W 6+00N	1.17	
L6W 0+50N	1.16	

7.2.3 Copper in Soils (Maps 11,12,13,14)

1989 Data

Range:	10 ppm to 6,386 ppm
Mean:	103.97
Standard Deviation:	251.87
Background:	10 to 125 ppm
Anomalous Threshold:	250 ppm

The combined 1988 and 1989 data turned up the following anomalies (one point, except where noted):

LOCATION	COPPER VALUE (ppm)	COMMENTS
Upper Stamp Grid		
Centred @ L30N 5+25E	Range from 241 to 892	This is a five point Y-shaped anomaly. The strongest lobe trends NW and the weakest trends NE. Length is approximately 300 metres, width 30 metres.
Centred @ L31+50N 8+25E	Range from 310 to 693	A three point linear NW-trending anomaly. Length is approx 350 m., width 25 m.
L40N 7+50E	427	
33N 1+50E	251	
Lower Stamp Grid		
Centred @ L1E 4+50N	Range from 216 to 317	A five point elliptical-shaped anomaly. Long axis trends SW and has a length of 250 m. and a width of 150 m. Is parallel to and 150 m. north of the Pancho Adit.
Centred @ L0N 15+50E	Range from 236 to 6,386	A three point linear anomaly trends SW over the Pancho Adit. Length is 125 metres.
Centred @ L3W 8+00N	Range from 253 to 378	A three point linear anomaly striking NW Length is 150 m.
Centred @ L4N 15+25E	1,320 and 388	A two point anomaly.

Centred @ L6W 1+25N	576 and 250	A two point anomaly.
L3W 2+00S	642	
L6N 5+00W	467	
L2N 2+00E	433	
L6N 15+50E	381	
L10N 3+00W	384	
L6W 0+00N	358	
L6N 6+00W	300	
L1E 5+00N	293	

7.3 VLF-EM AND MAGNETOMETER GEOPHYSICAL SURVEYS

All of the geophysical data collected on the grid was processed and interpreted by Interpretex Resources Ltd. of Delta, B.C. Their report is presented in Appendix D, along with field data worksheets.

A summary of the Interpretex report is as follows:

7.3.1 Upper Stamp Grid

VLF Electromagnetic Survey

VLF-EM profiles are plotted on Map 15 and interpreted on Map 17. VLF-EM response was quiet over the Upper Stamp grid, and only one conductor was located, (C1). C1 strikes northerly and crosscuts lineament D4 at 3+25E on line 26N. C1 is interpreted to represent a minor fault or fracture.

Magnetometer Survey

Total field magnetic contours are presented on Map 16 and interpreted on Map 17.

Magnetic readings on the Upper Stamp grid range from 54900 nT. to 57350 nT. with the mean at 55900 nT.

Two magnetic terrains and four magnetic high lineaments were delineated on the grid area.

M1 Terrain

M1 represents a relatively quiet background magnetic environment with magnetic readings near the mean value. The response indicates that M1 is underlain by a homogeneous lithologic unit.

M2 Terrain

M2 is characterized by steep magnetic gradients and is located in the northeastern portion of the Upper Stamp grid. M2 is too magnetically active to delineate any individual lineaments, however the character of this unit suggests that it consists of a number of narrow magnetic bodies. M2 is believed to represent a system of basic dykes buried at various depths.

7.3.2 Lower Stamp Grid

VLF-Electromagnetic Survey

VLF-EM profiles are plotted on Map 18 and interpreted on Map 20.

On the Lower Stamp grid three VLF-EM conductors have been delineated. None are associated with known mineral showings. All the conductors trend east-west and exhibit weak to moderate in-phase response with moderate quadrature response following the in-phase (positive quadrature). Field strength response is generally weak and broad.

Conductors C1 (centred at L1+50W 6+30N) and C2 (centred at L5+50W 2+60N) are interpreted to represent narrow faults. Conductor C3 is centered at L5+00W 6+50S. It consists of two segments and is the strongest conductor system on the grid. The eastern portion of C3 is thought to represent a relatively wide fault or possibly a shear zone. The western portion of C3 is similar in character to C1 and C2 and is interpreted to be a narrow fault.

Magnetometer Survey

Total field magnetic contours are presented on Map 19 and interpreted on Map 20.

The magnetic environment over the Lower Stamp grid exhibited a relatively quiet background response similar to magnetic terrain M1 on the Upper Stamp grid.

Three magnetic high lineaments (D1 to D3) and three magnetic low lineaments (L1 to L3) have been delineated on the Lower Stamp grid. D1 to D3 are similar in magnitude and wavelength to anomalies within magnetic unit M2 on the Upper Stamp grid, and probably also represent basic dykes.

L1 to L3 are thought to be caused by oxidation within faults or shear zones.

7.4 DISCUSSION OF RESULTS

VLF-EM conductors, significant geochemical soil anomalies, and rock samples are presented on Compilation Maps 21 and 22.

Upper Stamp Grid

Five exploration targets have been identified on the Upper Stamp grid (Map 21):

T1

A one point soil anomaly located at L22N 9+00N returned a value of 400 ppb gold.

T2

A five point soil anomaly is parallel and adjacent to magnetic lineament D2. The anomaly returned copper values ranging from 241 to 892 ppm.

T3

VLF-EM conductor C1 crosscuts magnetic lineament D4 at L26N 3+25E. C1 is interpreted to represent a northeast trending fault.

T4

A northwest trending three point soil geochemical anomaly returned values ranging from 310 to 693 ppm copper.

T5

Yacoub (1988) sampled the Devil's Den showing and reported one 30 cm wide chip sample (R-56) taken across the vein assayed .12 oz/ton gold and 2,567 ppm copper.

Lower Stamp Grid

Four exploration targets have been identified on the Lower Stamp grid (Map 22):

T1

A select rock chip sample collected from the J.F. showing returned a value of 3,185 ppb gold. The showing consists of a limonitic fracture containing a mineralized quartz stringer.

T2

A coincident VLF-EM conductor C1 and magnetic low lineament L1 is adjacent to a five point soil anomaly. The anomaly returned values ranging from 216 to 317 ppm copper.

T3

A coincident VLF-EM anomaly C2 and magnetic low lineament L2 trend northwesterly across the grid, centered at L5W 2+00N.

T4

A coincident VLF-EM conductor C3 and magnetic low lineament L3 trend westerly across the southeastern corner of the property.

8. CONCLUSIONS

The author believes that the Stamp property may have good potential for hosting an economic copper-gold vein deposit for the following reasons:

- The geological environment (fractured volcanic rocks in contact with an intrusive pluton) is favourable for hosting mineralized fracture zones.

- A potential economic grade gold value (.12 oz/ton) was returned from a fracture zone in the Devil's Den workings.

- Five exploration targets have been located on the Upper Stamp grid.

- Four exploration targets have been located on the Lower Stamp grid.

9. RECOMMENDATIONS

PHASE III

1) Layout approximately 23 kilometres of additional grid. Infill lines should be put in around T1 on the Upper Stamp grid (total five kilometres). An additional 18 kilometres of grid should be added to the Lower Stamp grid.
2) The additional grid lines should be soil sampled at 50 metre spacings to delineate known soil anomalies and locate additional anomalies.
3) Perform a magnetometer and VLF-EM survey on the additional grid. This survey will aid in locating additional mineralized fault zones.
4) Geologically map and prospect the additional grid area.
5) Bulldozer trench all nine exploration targets on the property (T1 to T5 Upper Stamp grid and T1 to T4 Lower Stamp grid).

PHASE IV

Phase IV is contingent on targets being established from Phase III. It would consist of bulldozer supported diamond drilling and would test the surface mineralization at depth.

10. PROPOSED BUDGETS

10.1 PHASE III

Project Preparation	$ 1,200.
Mobilization and Demobilization	2,570.
Field Crew:	11,940.
Field Costs:	26,885.
Lab Analysis:	9,850.
Reclamation	1,000.
Supervision and Report:	7,950.
Sub-total	$ 61,395.
Administration, incl overheads and profit	9,200.
TOTAL	$ 70,595.
	(Say $70,000.)

10.2 PHASE IV

Project Preparation	$ 1,200.
Mobilization and Demobilization	1,450.
Field Crew:	10,260.
Field Costs:	86,580.
Lab Analysis:	6,400.
Reclamation	2,000.
Supervision and Report:	8,450.
Sub-total	$116,340.
Administration, incl overheads and profit	15,000.
TOTAL	$131,340.
	(Say $132,000.)

R Kellah

CERTIFICATE

I, ROGER G. KIDLARK, of #303 - 9110 Halston Court, Burnaby, B.C. do hereby certify that:

1. I am a graduate of the University of Toronto with a Bachelor of Science Degree in Geology, 1974.

2. I am a Fellow in good standing with the Geological Association of Cananda.

3. I have practised my profession as a geologist for fifteen years in the Yukon and Northwest Territories, British Columbia, Ontario, and Nova Scotia.

4. The information, opinions, and recommendations in this report are based on fieldwork carried out in my presence or under my direction, and information derived from published and unpublished literature. I was present on the subject property from September 7 to 14 and from October 5 to 7, 1989.

5. I am presently employed by Reliance Geological Services Inc. and have no interest, direct or indirect, in the subject claims or the securities of Brockton Resources Inc.

6. I consent to the use of this report in a Prospectus or Statement of Material Facts for the purpose of private or public financing.

RELIANCE GEOLOGICAL SERVICES INC.

Roger G. Kidlark, B.Sc.,F.G.A.C.

Dated the 27th day of October 1989, at Vancouver, B.C.

STATEMENT OF QUALIFICATIONS

I, Gordon A. Addie of L1208-1600 Beach Avenue of the City of Vancouver, British Columbia, do hereby certify that:

1. I graduated from the University of British Columbia in 1986, having received a B.Sc. (Geol.).

2. I have worked in the fields of mineral exploration and mine geology since 1979.

3. I neither hold, nor expect to hold a direct or indirect interest in the securities of Brockton Resources Inc.

4. Under the direction of Mr. Roger Kidlark, of Reliance Geological Services Inc., I carried out a mapping and sampling program on the Stamp property, between the dates of September 7 and September 24, 1989.

Gordon A. Addie
Geologist

REFERENCES

B.C. Minister of Mines Annual Report, 1898, 1918, 1924, 1927, and 1931.

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Chapman, Wood & Griswold Ltd., 1961. Reconnaissance Report on Mineral Claim Holdings of Cruikshank Explorations Ltd., Port Alberni, B.C.

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Leriche, P.D. and Yacoub, F., 1988. Report on the Geological and Geochemical Surveys on the Stamp Claim Group, Alberni Mining Division for Napier Explorations Inc.

Leriche, P.D. and Yacoub, F., 1989. Geochemical Report on the Stamp Claim Group, Alberni Mining Division for Brockton Resources Inc.

Royer, G.A., 1986. Geological Report on the Holk Claim Group, Vancouver Island, Alberni Mining Division, for United Chieftain Resources Ltd.

von Rosen, G., 1983. Assessment Geophysical Report (EM16) on the Stamp: Stamp Point near Gloria & Gold Stamp 2 Mineral Claims, Port Alberni Area, Alberni Mining Division, for International Phasor Telecom Ltd. Assessment Report 11,337.

RELIANCE GEOLOGICAL SERVICES INC.
241 East 1st Street
North Vancouver, B.C. V7L 1B4
Tel: (604) 984-3663 Fax: 986-6150

ITEMIZED COST STATEMENT

8 November 1989

for
Brockton Resources Inc.
1000 - 409 Granville St.
Vancouver, B.C. V6C 1T2
Attn: Mr. M. Marrandino

Re: Stamp Project, Vancouver Island, B.C. - Our Job # 607

Project Preparation			$ 1,427.
Mobilization & demobilization (includes freight, transportation, wages)			$ 2,429.
Field Crew:			
Project Geologist	$ 325/day x 10 days	$ 3,250.	
Field Geologist	$ 295/day x 17 days	$ 5,015.	
Crew Chief	$ 225/day x 15 days	$ 3,375.	
Geotechnicians(2)	$ 210/day x 17.5 days	$ 3,675.	
Blaster	$ 250/day x 8 days	$ 2,000.	
Supervision		$ 3,800.	21,115.
Field Costs:			
Communications	$ 20/day x 15 days	$ 300.	
Food & Accommodation	$70/day x 65.5 days	$ 4,585.	
Supplies,incl blasting		$ 3,202.	
Vehicles(2)	$ 110/day x 33 days	$ 3,630.	12,130.
Assays & Analysis:			
723 soil samples Aqua regia/Au by AAS; 30 element ICP 38 rock samples Au by FA/AAS, 30 element ICP			10,430.

Page 2

INVOICE - STAMP PROJECT

Sub-Contractors:			
Boat rental		$ 815.	
Drilling (plugger)		$ 750.	
Geophysical	$375/km x 33 kms	$12,375.	13,940.
Report:			
Drafting & Map Preparation		$ 2,587.	
Report Writing & Editing		$ 3,250.	
Word Processing, Copying, Binding		$ 600.	6,437.
Sub-total			$ 67,908.
Administration incl. Overheads & Profit			$ 7,500.
TOTAL			$ 75,408.

Rounded off to firm contract of $75,000.

APPENDIX A

ROCK SAMPLE DESCRIPTIONS

ROCK SAMPLE DESCRIPTIONS

STAMP CLAIM GROUP, VANCOUVER ISLAND, B.C.
All sample numbers prefaced **ST89AR**

NO.	TYPE	WIDTH	DESCRIPTION
Dauntless - lower drift			
1	Continuous chip	8cm	High grade sample, displaying chalcopyrite, malachite (@ST89FR9)
2	"	20cm	Secondary pyrite in a small fracture zone at the face
Dauntless - upper drift			
3	"	20cm	Oxidized limonitic fracture
4	"	20cm	"
5	"	20cm	"
6	"	40+cm	High grade sample containing chalcopyrite, pyrite, and quartz at a splay in the fractures
Quixote adit			
7	"	25cm	Fractured zone between and including two parallel bounding fractures
8	"	10cm	Mainly clay-rich limonitic gouge
9	"	10cm	"
Pancho adit			
10	"	30cm	Calcite vein
11	"	15cm	Fractured limonitic zone
12	"	25cm	"
Northern grid			
14	Select chip	40+cm	Rusty weathering (calcareous?) outcrop in stream gully. Zone is up to 2 m. wide.
15	"	8cm	Tension quartz vein displaying comb texture and a limonitic matrix L36+15N,10+00W
Southern grid			
16	"	100cm	Carbonate matrix breccia cobbles to 30cm. Buff-limonitic orange weathered surface. From intermittent stream, WNW of new grid (AR16 and AR17)
17	"	50cm	Quartz carbonate infilling of a dilatent zone, at a splay in the fracture parallel to the creek. Quartz veining shows tension textures.
18	"	30+cm	Carbonate-altered tuff adjacent to a quartz carbonate fracture
19	"	50cm	Carbonate dyke (resistant) plus trace pyrite
20	"	30cm	5% pyrite as disseminations and on fracture surfaces. Trace chalcopyrite. Near end of lower spur of logging road; L14W,0+50N

ROCK SAMPLE DESCRIPTIONS

STAMP CLAIM GROUP, VANCOUVER ISLAND, B.C.
All sample numbers prefaced ST89AR

NO.	TYPE	WIDTH	DESCRIPTION
21	"	6cm	Quartz-carbonate stringer (shear - with 1% pyrite and chalcopyrite On upper branch of same logging road; just past the road junction with the lower spur
22	"	10cm	Limonitic fracture containing 2cm wide quartz vein displaying comb texture. On road at south end of L6W
23	"	15cm	Limonitic fracture; carbonate plus quartz, plus trace very fine grained euhedral pyrite L4W,3+30S

ROCK SAMPLE DESCRIPTIONS

STAMP CLAIM GROUP, Vancouver Island, B.C.
All sample numbers prefaced ST89KR

NO.	TYPE	WIDTH	DESCRIPTION
1	Chip	15 cm	Traces of fine-grained disseminated pyrite in a white quartz lens in andesite
2	Grab	20 cm	Limonitic alteration zone along a fracture. Calcite, chlorite, epidote and traces of pyrite.
3	FLoat	- -	Boulder of andesite containing a quartz stringer mineralized with traces of pyrite and chalcopyrite.
4	Chip	15 cm	Limonitic argillic alteration along a fracture.
5	Chip	10 cm	Limonitic argillic alteration along a fracture in andesite.
6	Chip	10 cm	Limonitic argillic alteration along a shear zone in andesite.
7	Chip	10 cm	Rusty calcite stringer along a fracture in andesite.
8	Chip	15 cm	Rusty, bleached alteration zone along a fracture in andesite.
9	Select chip	10 cm	F.Y. Showing. Limonitic shear zone in andesite containing mineralized quartz stringers with 10% pyrite and 1% chalcopyrite, plus bornite.
10	Select chip	10 cm	F.Y. Showing. Limonitic shear zone in andesite containing mineralized quartz stringers with 10% pyrite and 1% chalcopyrite, plus bornite.

ROCK SAMPLE DESCRIPTIONS

STAMP CLAIM GROUP, Vancouver Island, B.C.
All sample numbers prefaced **ST89JFR**

NO.	TYPE	WIDTH	DESCRIPTION
1	Select Chip	10 cm	J.F. Showing. Mineralized quartz stringer in a fracture zone. Disseminated pyrite.
2	Select Chip	50 cm	Limonitic quartz carbonate stringer in a shear zone.
3	Float	- -	Limonitic calcite altered volcanic with traces of pyrite, chalcopyrite, and malachite.

APPENDIX B

GEOCHEMICAL ANALYTICAL REPORTS and TECHNIQUES

INTERNATIONAL PLASMA LABORATORY LTD

2036 Columbia Street
Vancouver, B.C.
Canada V5Y 3E1
Phone (604) 879-7878
Fax (604) 879-7898

R E P O R T S U M M A R Y Report:[8900039 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Sep 26, 1989]

Client:[	199	Reliance Geological Service Inc.]
Contact:[		Mr. Roger Kidlark]
Project:[	0	Stamp]
Amount/Type:[	32	Rock -Rock Reject Stored 3 Mon]
[		-Soil Reject Discarded]

Analytical Requisition

Geochemical:[None]
Assay:[Au (FA/AAS)] ICP:[30]
Comments:[ ]

Delivery Information Reporting Date:[Oct 05, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[Reliance Geological Service Inc.]
Address:[241 East 1st Street]
City/Province:[North Vancouver, B.C.]
Country/Postal:[V7L 1B4]
Attention:[Mr. Roger Kidlark]
Facsimile:[(604)986-6150]

Secondary Destination (Hardcopy)

Company:[ ]
Address:[ ]
City/Province:[ ]
Country/Postal:[ ]
Attention:[ ]
Facsimile:[ ]

1 data pages in this report. Approved by: _____

B.C. Certified Assayers

IPL CODE: 891005-17:02:43

Report: 8900039 R Reliance Geological Service Inc. Project: Stamp Page 1 of 1 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
ST 89 AR 1	Rock	465	20.0	2.46	208	<2	<2	0.15	11.0	301	52	>20000	>5.00	<1	0.01	<2
ST 89 AR 2	Rock	25	3.0	>5.00	23	<2	<2	0.73	1.0	138	68	2725	>5.00	<1	0.01	<2
ST 89 AR 3	Rock	5	2.3	4.67	28	7	<2	1.05	2.0	63	110	3911	>5.00	<1	0.02	3
ST 89 AR 4	Rock	<5	3.3	>5.00	32	10	<2	0.69	3.0	76	92	4271	>5.00	<1	0.07	5
ST 89 AR 5	Rock	25	2.8	4.61	32	2	<2	0.39	<1.0	84	115	5087	>5.00	<1	0.04	4
ST 89 AR 6	Rock	1200	21.2	1.67	356	<2	<2	0.12	14.0	251	109	>20000	>5.00	<1	0.01	<2
ST 89 AR 7	Rock	5	0.7	4.82	53	114	2	4.24	3.0	29	143	144	4.04	<1	0.05	3
ST 89 AR 8	Rock	10	1.4	2.96	64	76	<2	0.75	1.0	28	55	688	>5.00	<1	0.27	17
ST 89 AR 9	Rock	5	1.6	>5.00	64	48	<2	0.48	3.0	55	339	1524	>5.00	<1	0.12	8
ST 89 AR 10	Rock	<5	1.1	1.72	26	89	<2	1.44	2.0	28	86	302	>5.00	1	0.13	6
ST 89 AR 11	Rock	10	1.5	1.55	37	84	<2	1.54	2.0	38	42	470	>5.00	2	0.11	13
ST 89 AR 12	Rock	90	1.9	0.88	3837	139	<2	0.84	4.0	46	47	1771	>5.00	<1	0.21	13
ST 89 AR 13	Rock	195	2.2	2.98	30	25	<2	1.80	4.0	53	105	818	>5.00	<1	0.02	13
ST 89 AR 14	Rock	30	1.2	1.66	12	34	2	1.53	1.0	36	123	82	>5.00	<1	0.09	4
ST 89 AR 15	Rock	85	<0.1	0.11	53	5	<2	0.07	<1.0	2	230	73	0.63	<1	0.03	<2
ST 89 AR 16	Rock	<5	0.3	2.21	39	58	2	1.32	1.0	5	88	61	1.13	<1	0.15	19
ST 89 AR 17	Rock	5	0.3	1.05	13	67	<2	4.22	1.0	16	84	75	2.90	<1	0.12	7
ST 89 AR 18	Rock	15	0.2	0.72	11	33	<2	2.34	1.0	2	75	22	1.15	<1	0.21	41
ST 89 AR 19	Rock	15	1.2	0.83	<5	9	<2	1.51	1.0	14	43	53	>5.00	<1	0.06	2
ST 89 AR 20	Rock	485	4.4	3.53	301	10	<2	0.34	<1.0	114	103	1785	>5.00	11	0.11	<2
ST 89 AR 21	Rock	40	1.4	3.29	27	5	<2	1.53	1.0	27	94	34	>5.00	<1	0.01	7
ST 89 AR 22	Rock	10	0.6	0.33	24	30	<2	0.06	1.0	14	195	105	2.23	<1	0.03	2
ST 89 AR 23	Rock	15	1.8	>5.00	31	25	<2	1.58	1.0	78	264	24	>5.00	<1	0.03	5
ST 89 KR 0 1	Rock	5	0.1	0.60	10	8	<2	0.42	1.0	7	380	30	1.45	<1	0.02	<2
ST 89 KR 0 2	Rock	10	1.3	4.72	50	23	<2	2.50	2.0	25	45	36	>5.00	<1	0.12	8
ST 89 KR 0 3	Rock	<5	1.1	2.60	30	14	5	2.38	3.0	30	91	466	4.01	<1	0.05	5
ST 89 KR 0 4	Rock	<5	2.1	3.17	62	20	<2	0.37	2.0	76	262	3134	>5.00	5	0.13	9
ST 89 KR 0 5	Rock	<5	1.5	2.41	66	72	<2	0.71	1.0	49	103	203	>5.00	<1	0.23	11
ST 89 KR 0 6	Rock	5	1.8	4.96	92	29	<2	0.09	4.0	54	162	465	>5.00	<1	0.17	17
ST 89 KR 0 7	Rock	10	1.6	1.27	61	35	<2	1.54	2.0	37	47	1410	>5.00	<1	0.13	11
ST 89 KR 0 8	Rock	<5	1.7	2.17	95	47	<2	1.69	5.0	66	236	101	>5.00	<1	0.07	9
ST 89 KS 0 1	Silt	15	2.2	2.18	88	95	<2	0.56	2.0	66	71	1680	>5.00	13	0.12	6
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900039 R Reliance Geological Service Inc. Project: Stamp Page 1 of 1 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
ST 89 AR 1	1.36	548	12	<0.01	95	0.29	11	<5	<1	<10	0.13	<10	135	6	694	<1
ST 89 AR 2	2.69	1088	9	<0.01	68	0.06	37	5	46	<10	0.54	<10	227	<5	38	13
ST 89 AR 3	2.90	1071	5	<0.01	51	0.06	34	<5	86	<10	0.58	<10	207	<5	105	16
ST 89 AR 4	4.13	1197	7	<0.01	61	0.08	50	<5	6	<10	0.44	<10	361	<5	87	8
ST 89 AR 5	2.45	979	5	<0.01	39	0.05	29	<5	24	<10	0.23	<10	204	<5	104	4
ST 89 AR 6	0.78	254	18	<0.01	33	0.26	5	<5	4	<10	0.10	<10	126	5	563	<1
ST 89 AR 7	2.38	621	2	0.06	58	0.04	36	<5	69	<10	0.46	<10	152	<5	49	18
ST 89 AR 8	1.35	1511	3	0.02	22	0.07	21	36	11	<10	<0.01	<10	185	<5	53	<1
ST 89 AR 9	5.25	1655	5	<0.01	115	0.06	42	11	9	<10	<0.01	<10	256	<5	127	<1
ST 89 AR 10	1.42	1725	2	0.01	43	0.04	15	37	98	<10	<0.01	<10	137	<5	114	<1
ST 89 AR 11	1.70	2184	4	0.01	34	0.08	16	37	72	<10	<0.01	<10	163	<5	135	<1
ST 89 AR 12	0.17	2005	3	<0.01	62	0.08	10	244	11	<10	<0.01	<10	112	<5	167	<1
ST 89 AR 13	2.59	974	2	0.04	62	0.10	24	20	51	<10	0.86	<10	229	<5	105	33
ST 89 AR 14	2.46	1216	3	0.01	72	0.04	13	<5	80	<10	<0.01	<10	167	<5	84	<1
ST 89 AR 15	0.03	80	1	0.02	5	<0.01	4	<5	1	<10	<0.01	<10	8	<5	7	<1
ST 89 AR 16	0.22	153	1	0.07	3	0.01	18	<5	68	<10	0.09	<10	10	<5	12	12
ST 89 AR 17	0.88	652	2	0.02	13	0.07	10	<5	56	<10	<0.01	<10	79	<5	38	<1
ST 89 AR 18	0.55	248	3	0.03	4	0.01	7	<5	32	<10	<0.01	<10	5	<5	15	2
ST 89 AR 19	4.32	1499	4	0.01	15	0.04	8	<5	141	<10	<0.01	<10	101	<5	101	<1
ST 89 AR 20	2.10	923	7	<0.01	46	0.04	23	35	2	<10	0.01	<10	123	<5	102	<1
ST 89 AR 21	2.59	1643	7	0.01	38	0.03	26	<5	95	<10	0.19	<10	185	<5	99	2
ST 89 AR 22	0.04	697	3	0.02	16	0.01	4	978	2	<10	<0.01	<10	32	121	31	<1
ST 89 AR 23	3.33	1189	6	<0.01	90	0.04	34	<5	17	<10	0.01	<10	223	<5	48	<1
ST 89 KR 0 1	0.22	175	2	0.02	12	0.01	9	10	6	<10	0.05	<10	22	<5	18	<1
ST 89 KR 0 2	2.41	655	3	0.04	17	0.09	31	8	16	<10	0.11	<10	221	<5	50	4
ST 89 KR 0 3	1.50	504	2	0.13	62	0.09	23	6	20	<10	0.59	<10	175	<5	43	18
ST 89 KR 0 4	1.57	1785	12	0.16	80	0.06	20	46	15	<10	0.01	<10	219	<5	74	<1
ST 89 KR 0 5	0.76	1328	3	<0.01	72	0.06	17	52	30	<10	0.16	<10	180	<5	90	7
ST 89 KR 0 6	1.11	2607	4	<0.01	50	0.06	32	18	3	<10	0.01	<10	275	<5	47	1
ST 89 KR 0 7	2.86	1186	2	0.01	51	0.06	8	41	182	<10	0.01	<10	180	<5	71	2
ST 89 KR 0 8	1.28	1617	1	<0.01	140	0.06	13	33	26	<10	<0.01	<10	239	<5	148	<1
ST 89 KS 0 1	0.13	2174	9	<0.01	20	0.04	17	327	9	<10	<0.01	<10	223	<5	124	<1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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R E P O R T S U M M A R Y Report:[8900039 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Sep 26, 1989]

Client:[	199	Reliance Geological Service Inc.	]
Contact:[		Mr. Roger Kidlark	]
Project:[	0	Stamp	]
Amount/Type:[	32	Rock -Rock Reject Stored 3 Mon	]
[		-Soil Reject Discarded	]

Analytical Requisition

Geochemical:[	None	]	
Assay:[	Au (FA/AAS)	]	ICP:[30]
Comments:[			]

Delivery Information Reporting Date:[Oct 05, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[	Reliance Geological Service Inc.]
Address:[	241 East 1st Street]
City/Province:[	North Vancouver, B.C.]
Country/Postal:[	V7L 1B4]
Attention:[	Mr. Roger Kidlark]
Facsimile:[	(604)986-6150]

Secondary Destination (Hardcopy)

Company:[	]
Address:[	]
City/Province:[	]
Country/Postal:[	]
Attention:[	]
Facsimile:[	]

1 data pages in this report. Approved by: _____

B.C. Certified Assayers

IPL CODE: 891005-17:02:25

Report: 8900039 R Reliance Geological Service Inc. Project: Stamp Page 1 of 1 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
ST 89 AR 1	Rock	465	20.0	2.46	208	<2	<2	0.15	11.0	301	52	>20000	>5.00	<1	0.01	<2
ST 89 AR 2	Rock	25	3.0	>5.00	23	<2	<2	0.73	1.0	138	68	2725	>5.00	<1	0.01	<2
ST 89 AR 3	Rock	5	2.3	4.67	28	7	<2	1.05	2.0	63	110	3911	>5.00	<1	0.02	3
ST 89 AR 4	Rock	<5	3.3	>5.00	32	10	<2	0.69	3.0	76	92	4271	>5.00	<1	0.07	5
ST 89 AR 5	Rock	25	2.8	4.61	32	2	<2	0.39	<1.0	84	115	5087	>5.00	<1	0.04	4
ST 89 AR 6	Rock	1200	21.2	1.67	356	<2	<2	0.12	14.0	251	109	>20000	>5.00	<1	0.01	<2
ST 89 AR 7	Rock	5	0.7	4.82	53	114	2	4.24	3.0	29	143	144	4.04	<1	0.05	3
ST 89 AR 8	Rock	10	1.4	2.96	64	76	<2	0.75	1.0	28	55	688	>5.00	<1	0.27	17
ST 89 AR 9	Rock	5	1.6	>5.00	64	48	<2	0.48	3.0	55	339	1524	>5.00	<1	0.12	8
ST 89 AR 10	Rock	<5	1.1	1.72	26	89	<2	1.44	2.0	28	86	302	>5.00	1	0.13	6
ST 89 AR 11	Rock	10	1.5	1.55	37	84	<2	1.54	2.0	38	42	470	>5.00	2	0.11	13
ST 89 AR 12	Rock	90	1.9	0.88	3837	139	<2	0.84	4.0	46	47	1771	>5.00	<1	0.21	13
ST 89 AR 13	Rock	195	2.2	2.98	30	25	<2	1.80	4.0	53	105	818	>5.00	<1	0.02	13
ST 89 AR 14	Rock	30	1.2	1.66	12	34	2	1.53	1.0	36	123	82	>5.00	<1	0.09	4
ST 89 AR 15	Rock	85	<0.1	0.11	53	5	<2	0.07	<1.0	2	230	73	0.63	<1	0.03	<2
ST 89 AR 16	Rock	<5	0.3	2.21	39	58	2	1.32	1.0	5	88	61	1.13	<1	0.15	19
ST 89 AR 17	Rock	5	0.3	1.05	13	67	<2	4.22	1.0	16	84	75	2.90	<1	0.12	7
ST 89 AR 18	Rock	15	0.2	0.72	11	33	<2	2.34	1.0	2	75	22	1.15	<1	0.21	41
ST 89 AR 19	Rock	15	1.2	0.83	<5	9	<2	1.51	1.0	14	43	53	>5.00	<1	0.06	2
ST 89 AR 20	Rock	485	4.4	3.53	301	10	<2	0.34	<1.0	114	103	1785	>5.00	11	0.11	<2
ST 89 AR 21	Rock	40	1.4	3.29	27	5	<2	1.53	1.0	27	94	34	>5.00	<1	0.01	7
ST 89 AR 22	Rock	10	0.6	0.33	24	30	<2	0.06	1.0	14	195	105	2.23	<1	0.03	2
ST 89 AR 23	Rock	15	1.8	>5.00	31	25	<2	1.58	1.0	78	264	24	>5.00	<1	0.03	5
ST 89 KR 0 1	Rock	5	0.1	0.60	10	8	<2	0.42	1.0	7	380	30	1.45	<1	0.02	<2
ST 89 KR 0 2	Rock	10	1.3	4.72	50	23	<2	2.50	2.0	25	45	36	>5.00	<1	0.12	8
ST 89 KR 0 3	Rock	<5	1.1	2.60	30	14	5	2.38	3.0	30	91	466	4.01	<1	0.05	5
ST 89 KR 0 4	Rock	<5	2.1	3.17	62	20	<2	0.37	2.0	76	262	3134	>5.00	5	0.13	9
ST 89 KR 0 5	Rock	<5	1.5	2.41	66	72	<2	0.71	1.0	49	103	203	>5.00	<1	0.23	11
ST 89 KR 0 6	Rock	5	1.8	4.96	92	29	<2	0.09	4.0	54	162	465	>5.00	<1	0.17	17
ST 89 KR 0 7	Rock	10	1.6	1.27	61	35	<2	1.54	2.0	37	47	1410	>5.00	<1	0.13	11
ST 89 KR 0 8	Rock	<5	1.7	2.17	95	47	<2	1.69	5.0	66	236	101	>5.00	<1	0.07	9
ST 89 KS 0 1	Silt	15	2.2	2.18	88	95	<2	0.56	2.0	66	71	1680	>5.00	13	0.12	6
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900039 R Reliance Geological Service Inc. Project: Stamp Page 1 of 1 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
ST 89 AR 1	1.36	548	12	<0.01	95	0.29	11	<5	<1	<10	0.13	<10	135	6	694	<1
ST 89 AR 2	2.69	1088	9	<0.01	68	0.06	37	5	46	<10	0.54	<10	227	<5	38	13
ST 89 AR 3	2.90	1071	5	<0.01	51	0.06	34	<5	86	<10	0.58	<10	207	<5	105	16
ST 89 AR 4	4.13	1197	7	<0.01	61	0.08	50	<5	6	<10	0.44	<10	361	<5	87	8
ST 89 AR 5	2.45	979	5	<0.01	39	0.05	29	<5	24	<10	0.23	<10	204	<5	104	4
ST 89 AR 6	0.78	254	18	<0.01	33	0.26	5	<5	4	<10	0.10	<10	126	5	563	<1
ST 89 AR 7	2.38	621	2	0.06	58	0.04	36	<5	69	<10	0.46	<10	152	<5	49	18
ST 89 AR 8	1.35	1511	3	0.02	22	0.07	21	36	11	<10	<0.01	<10	185	<5	53	<1
ST 89 AR 9	5.25	1655	5	<0.01	115	0.06	42	11	9	<10	<0.01	<10	256	<5	127	<1
ST 89 AR 10	1.42	1725	2	0.01	43	0.04	15	37	98	<10	<0.01	<10	137	<5	114	<1
ST 89 AR 11	1.70	2184	4	0.01	34	0.08	16	37	72	<10	<0.01	<10	163	<5	135	<1
ST 89 AR 12	0.17	2005	3	<0.01	62	0.08	10	244	11	<10	<0.01	<10	112	<5	167	<1
ST 89 AR 13	2.59	974	2	0.04	62	0.10	24	20	51	<10	0.86	<10	229	<5	105	33
ST 89 AR 14	2.46	1216	3	0.01	72	0.04	13	<5	80	<10	<0.01	<10	167	<5	84	<1
ST 89 AR 15	0.03	80	1	0.02	5	<0.01	4	<5	1	<10	<0.01	<10	8	<5	7	<1
ST 89 AR 16	0.22	153	1	0.07	3	0.01	18	<5	68	<10	0.09	<10	10	<5	12	12
ST 89 AR 17	0.88	652	2	0.02	13	0.07	10	<5	56	<10	<0.01	<10	79	<5	38	<1
ST 89 AR 18	0.55	248	3	0.03	4	0.01	7	<5	32	<10	<0.01	<10	5	<5	15	2
ST 89 AR 19	4.32	1499	4	0.01	15	0.04	8	<5	141	<10	<0.01	<10	101	<5	101	<1
ST 89 AR 20	2.10	923	7	<0.01	46	0.04	23	35	2	<10	0.01	<10	123	<5	102	<1
ST 89 AR 21	2.59	1643	7	0.01	38	0.03	26	<5	95	<10	0.19	<10	185	<5	99	2
ST 89 AR 22	0.04	697	3	0.02	16	0.01	4	978	2	<10	<0.01	<10	32	121	31	<1
ST 89 AR 23	3.33	1189	6	<0.01	90	0.04	34	<5	17	<10	0.01	<10	223	<5	48	<1
ST 89 KR 0 1	0.22	175	2	0.02	12	0.01	9	10	6	<10	0.05	<10	22	<5	18	<1
ST 89 KR 0 2	2.41	655	3	0.04	17	0.09	31	8	16	<10	0.11	<10	221	<5	50	4
ST 89 KR 0 3	1.50	504	2	0.13	62	0.09	23	6	20	<10	0.59	<10	175	<5	43	18
ST 89 KR 0 4	1.57	1785	12	0.16	80	0.06	20	46	15	<10	0.01	<10	219	<5	74	<1
ST 89 KR 0 5	0.76	1328	3	<0.01	72	0.06	17	52	30	<10	0.16	<10	180	<5	90	7
ST 89 KR 0 6	1.11	2607	4	<0.01	50	0.06	32	18	3	<10	0.01	<10	275	<5	47	1
ST 89 KR 0 7	2.86	1186	2	0.01	51	0.06	8	41	182	<10	0.01	<10	180	<5	71	2
ST 89 KR 0 8	1.28	1617	1	<0.01	140	0.06	13	33	26	<10	<0.01	<10	239	<5	148	<1
ST 89 KS 0 1	0.13	2174	9	<0.01	20	0.04	17	327	9	<10	<0.01	<10	223	<5	124	<1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

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R E P O R T S U M M A R Y Report:[8900053 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Oct 05, 1989]

Client:[	199	Reliance Geological Services Ltd.]
Contact:[		Mr. Peter Leriche]
Project:[	0	Stamp]
Amount/Type:[	2	Rock Pulp -Rock Reject Stored 3 Mon]
[		-Soil Reject Discarded]

Analytical Requisition

Geochemical:[	None]	
Assay:[	Cu]	ICP:[0]
Comments:[	Re: report# 8900039	]

Delivery Information Reporting Date:[Oct 05, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[	Reliance Geological Services Ltd.]
Address:[	241 East 1st Street]
City/Province:[	North Vancouver, B.C.]
Country/Postal:[	V7L 1B4]
Attention:[	Mr. Peter Leriche]
Facsimile:[	(604)986-6150]

Secondary Destination (Hardcopy)

Company:[	]
Address:[	]
City/Province:[	]
Country/Postal:[	]
Attention:[	]
Facsimile:[	]

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B.C. Certified Assayers

IPL CODE: 891005-11:04:17

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Report: 8900053 R Reliance Geological Services Ltd. Project: Stamp

Sample Name	Type	Cu %
ST89 AR 1	Rock Pulp	15.56
ST89 AR 6	Rock Pulp	14.32

Minimum Detection	0.01
Maximum Detection	100.00
Method	Assay

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R E P O R T S U M M A R Y Report:[8900058 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Oct 10, 1989]

Client:[	199	Reliance Geological Services Ltd.]
Contact:[		Mr. Roger Kidlark]
Project:[	0	Stamp]
Amount/Type:[	6	Rock -Rock Reject Stored 3 Mon]
[		-Soil Reject Discarded]

Analytical Requisition

Geochemical:[	None]	
Assay:[	Au]	ICP:[30]
Comments:[	None	]

Delivery Information Reporting Date:[Oct 12, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[	Reliance Geological Services Ltd.]
Address:[	241 East 1st Street]
City/Province:[	North Vancouver, B.C.]
Country/Postal:[	V7L 1B4]
Attention:[	Mr. Roger Kidlark]
Facsimile:[	(604)986-6150]

Secondary Destination (Hardcopy)

Company:[	]
Address:[	]
City/Province:[	]
Country/Postal:[	]
Attention:[	]
Facsimile:[	]

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B.C. Certified Assayers

IPL CODE: 891012-19:40:12

Report: 8900058 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 1 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
ST-89 JFR-01	Rock	3185	<0.1	0.57	92	56	4	0.04	2.3	24	125	124	>5.00	2	0.22	10
ST-89 JFR-02	Rock	105	<0.1	0.21	23	20	2	6.95	<1.0	6	109	4	2.86	2	0.12	10
ST-89 JFR-03	Rock	1645	2.1	3.15	356	21	<2	0.88	12.3	58	155	2692	>5.00	24	0.13	5
ST-89 KR-09	Rock	25	3.0	2.64	46	3	<2	0.20	3.4	300	137	>20000	>5.00	3	0.04	<2
ST-89 KR-10	Rock	1230	1.6	2.67	109	5	<2	0.54	4.7	372	193	7918	>5.00	<1	0.10	<2
ST-89 KR-11	Rock	615	2.8	2.44	357	12	<2	0.87	4.8	135	127	4808	>5.00	<1	0.11	<2
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		FA/AAS	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900058 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 1 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
ST-89 JFR-01	0.17	199	3	0.01	5	0.03	14	<5	2	<10	<0.01	<10	7	<5	12	3
ST-89 JFR-02	1.72	712	4	0.02	9	0.02	31	11	110	<10	<0.01	<10	30	<5	51	2
ST-89 JFR-03	2.04	1660	5	0.01	67	0.08	42	12	9	<10	0.01	<10	145	<5	1984	2
ST-89 KR-09	2.36	860	5	0.06	114	0.08	24	15	4	<10	0.07	<10	127	<5	214	2
ST-89 KR-10	2.07	247	2	0.12	249	0.06	22	22	10	11	0.27	<10	136	<5	111	9
ST-89 KR-11	1.52	1142	3	<0.01	58	0.04	24	28	5	13	0.01	<10	98	<5	141	1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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R E P O R T S U M M A R Y Report:[8900040 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Sep 27, 1989]

Client:[	199	Reliance Geological Services Ltd.	]
Contact:[		Mr. Roger Kidlark	]
Project:[	0	Stamp	]
Amount/Type:[	699	Soil -Rock Reject Stored 3 Mon	]
[		-Soil Reject Discarded	]

Analytical Requisition

Geochemical:[	Au	]	
Assay:[	None	]	ICP:[30]
Comments:[	Copies Delivered Immediately		]

Delivery Information Reporting Date:[Oct 07, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[	Reliance Geological Services Ltd.]
Address:[	241 East 1st Street]
City/Province:[	North Vancouver, B.C.]
Country/Postal:[	V7L 1B4]
Attention:[	Mr. Roger Kidlark]
Facsimile:[	(604)986-6150]

Secondary Destination (Hardcopy)

Company:[	]
Address:[	]
City/Province:[	]
Country/Postal:[	]
Attention:[	]
Facsimile:[	]

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B.C. Certified Assayers

IPL CODE: 891007-11:41:38

Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 18 Section 1 of 2

Sample	Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L0+00	0+00	Soil	<5	0.3	4.87	58	54	<2	0.55	<1.0	25	42	147	>5.00	<1	0.03	5
L0+00	0+50N	Soil	10	<0.1	1.08	38	31	<2	0.31	<1.0	9	28	14	3.57	<1	0.02	6
L0+00	1+00N	Soil	20	<0.1	>5.00	65	31	<2	0.34	<1.0	21	121	112	>5.00	<1	0.03	3
L0+00	1+50N	Soil	25	0.3	3.63	36	57	<2	0.67	<1.0	29	90	93	>5.00	<1	0.03	7
L0+00	2+00N	Soil	5	0.4	3.77	40	33	3	0.56	<1.0	26	58	98	>5.00	<1	0.03	3
L0+00	2+50N	Soil	10	0.7	1.88	18	65	<2	1.02	1.0	25	48	79	3.69	<1	0.04	5
L0+00	3+00N	Soil	10	0.3	3.98	47	74	<2	0.40	<1.0	62	80	226	>5.00	<1	0.04	4
L0+00	3+50N	Soil	10	0.3	2.37	22	33	3	0.30	<1.0	15	54	31	>5.00	<1	0.03	5
L0+00	4+00N	Soil	15	0.4	2.59	31	182	<2	0.92	1.0	40	72	68	>5.00	<1	0.06	8
L0+00	4+50N	Soil	25	0.5	>5.00	69	66	2	0.39	1.0	41	95	216	>5.00	<1	0.03	9
L0+00	5+00N	Soil	<5	0.1	0.96	12	36	2	0.35	1.0	13	52	19	4.14	<1	0.03	4
L0+00	5+50N	Soil	5	0.2	4.83	47	49	<2	0.40	<1.0	22	58	92	>5.00	<1	0.03	5
L0+00	6+00N	Soil	<5	0.4	2.40	22	98	2	0.43	<1.0	30	45	41	>5.00	<1	0.03	6
L0+00	6+50N	Soil	<5	0.2	2.97	24	369	<2	0.56	1.0	41	34	74	>5.00	<1	0.05	11
L0+00	7+00N	Soil	5	0.5	1.23	24	33	<2	0.36	<1.0	16	28	30	>5.00	<1	0.03	4
L0+00	7+50N	Soil	5	0.3	2.68	27	43	4	0.55	<1.0	21	47	46	>5.00	<1	0.02	6
L0+00	8+00N	Soil	40	0.2	2.37	24	59	4	0.49	1.0	22	55	37	4.36	<1	0.03	7
L0+00	8+50N	Soil	10	0.6	3.77	43	68	<2	0.55	1.0	21	67	75	>5.00	<1	0.03	6
L0+00	9+00N	Soil	10	<0.1	3.56	31	55	4	0.47	<1.0	24	60	64	>5.00	<1	0.03	5
L0+00	9+50N	Soil	<5	0.2	>5.00	53	116	<2	0.65	1.0	28	78	92	>5.00	<1	0.03	5
L0+00	10+00N	Soil	<5	0.5	2.57	26	49	4	0.48	<1.0	19	43	38	>5.00	<1	0.02	5
L0+00	10+50N	Soil	<5	0.3	2.74	27	124	2	0.40	<1.0	22	44	40	>5.00	<1	0.03	12
L0+00	11+00N	Soil	<5	0.1	3.94	38	73	5	0.46	<1.0	26	65	66	>5.00	<1	0.02	9
L0+00	11+50N	Soil	<5	0.4	4.52	57	67	<2	0.52	1.0	28	70	75	>5.00	<1	0.03	10
L1+00E	3+00N	Soil	<5	0.9	>5.00	150	162	<2	0.79	1.0	187	120	6386	>5.00	<1	0.07	18
L1+00E	3+50N	Soil	<5	0.1	4.71	100	56	2	0.40	2.0	15	42	74	4.30	<1	0.04	7
L1+00E	4+00N	Soil	<5	<0.1	4.49	61	69	3	0.45	1.0	59	91	317	>5.00	<1	0.04	5
L1+00E	4+50N	Soil	<5	<0.1	4.49	56	67	2	0.45	<1.0	59	90	317	>5.00	<1	0.04	6
L1+00E	5+00N	Soil	<5	0.1	4.14	50	65	3	0.42	<1.0	55	84	293	>5.00	<1	0.04	6
L1+00E	5+50N	Soil	<5	0.4	1.99	19	222	2	0.79	1.0	48	50	45	3.62	<1	0.06	7
L1+00E	6+00N	Soil	10	0.5	2.42	24	209	6	0.85	1.0	56	26	68	>5.00	<1	0.05	12
L1+00E	6+50N	Soil	<5	0.3	4.28	44	70	<2	0.56	1.0	24	55	76	>5.00	<1	0.03	4
L1+00E	7+00N	Soil	10	0.7	3.79	40	87	<2	0.73	1.0	37	47	113	>5.00	<1	0.04	10
L1+00E	7+50N	Soil	10	0.3	4.35	58	79	<2	0.69	1.0	24	59	136	>5.00	<1	0.03	5
L1+00E	8+00N	Soil	5	<0.1	4.08	51	58	4	0.38	1.0	21	53	67	>5.00	<1	0.03	6
L1+00E	8+50N	Soil	5	0.4	3.10	33	71	<2	0.88	1.0	22	52	63	>5.00	<1	0.03	11
L1+00E	9+00N	Soil	<5	0.8	2.16	20	95	6	0.42	1.0	23	66	50	4.25	<1	0.04	6
L1+00E	9+50N	Soil	20	0.2	2.93	27	59	5	0.60	<1.0	22	55	85	>5.00	<1	0.03	10
L1+00E	10+00N	Soil	<5	0.4	>5.00	53	91	3	0.49	1.0	31	88	134	>5.00	<1	0.03	19
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 18 Section 2 of 2

Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L0+00	0+00	0.94	667	3	0.02	29	0.05	41	9	28	<10	0.28	<10	172	<5	48	3
L0+00	0+50N	0.19	222	1	0.02	9	0.03	17	6	12	<10	0.17	<10	114	<5	31	1
L0+00	1+00N	0.28	305	5	0.01	35	0.06	66	13	10	<10	0.13	<10	150	<5	60	6
L0+00	1+50N	0.82	843	2	0.02	42	0.06	35	10	22	<10	0.37	<10	144	<5	92	5
L0+00	2+00N	0.82	419	2	0.02	33	0.05	32	15	13	<10	0.41	<10	196	<5	54	8
L0+00	2+50N	0.25	4792	2	0.03	24	0.13	31	7	31	<10	0.16	<10	96	<5	74	1
L0+00	3+00N	0.78	1897	3	0.02	49	0.13	34	15	11	<10	0.33	<10	208	<5	99	1
L0+00	3+50N	0.21	529	1	0.02	15	0.08	24	13	11	<10	0.31	<10	179	<5	57	3
L0+00	4+00N	0.56	>10000	1	0.03	32	0.10	29	13	34	<10	0.27	<10	100	<5	186	2
L0+00	4+50N	0.54	1425	2	0.02	49	0.10	42	16	13	<10	0.31	<10	198	<5	89	5
L0+00	5+00N	0.24	498	1	0.02	15	0.05	17	10	14	<10	0.27	<10	138	<5	45	3
L0+00	5+50N	0.58	501	3	0.01	28	0.08	38	10	15	<10	0.39	<10	200	<5	62	11
L0+00	6+00N	0.33	1661	3	0.02	22	0.20	26	9	17	<10	0.41	<10	150	<5	100	4
L0+00	6+50N	0.25	>10000	2	0.02	25	0.24	28	7	23	<10	0.33	<10	99	<5	256	3
L0+00	7+00N	0.26	625	1	0.01	14	0.09	18	14	18	<10	0.42	<10	198	<5	50	4
L0+00	7+50N	0.43	581	2	0.02	20	0.08	27	14	25	<10	0.44	<10	156	<5	73	4
L0+00	8+00N	0.50	1546	2	0.02	22	0.04	24	9	19	<10	0.25	<10	141	<5	66	2
L0+00	8+50N	0.56	443	1	0.01	28	0.05	29	19	18	<10	0.48	<10	198	<5	49	8
L0+00	9+00N	0.42	535	3	0.02	30	0.04	31	12	16	<10	0.47	<10	208	<5	63	8
L0+00	9+50N	0.86	538	3	0.02	45	0.03	40	10	25	<10	0.40	<10	204	<5	61	12
L0+00	10+00N	0.38	423	2	0.02	19	0.05	23	12	15	<10	0.41	<10	164	<5	62	5
L0+00	10+50N	0.42	1849	3	0.02	23	0.05	24	7	17	<10	0.25	<10	135	<5	84	2
L0+00	11+00N	0.56	337	2	0.02	33	0.05	31	11	22	<10	0.43	<10	171	<5	57	16
L0+00	11+50N	0.70	339	1	0.02	40	0.05	33	22	21	<10	0.45	<10	184	<5	58	19
L1+00E	3+00N	1.12	2396	4	0.01	112	0.08	44	146	48	<10	0.09	<10	183	<5	203	2
L1+00E	3+50N	0.29	632	1	0.02	15	0.12	38	17	13	<10	0.24	<10	114	<5	49	6
L1+00E	4+00N	0.72	1089	2	0.02	39	0.10	35	18	21	<10	0.32	<10	163	<5	110	3
L1+00E	4+50N	0.71	1097	2	0.02	37	0.09	35	16	21	<10	0.32	<10	161	<5	113	3
L1+00E	5+00N	0.66	1049	3	0.02	34	0.09	35	10	19	<10	0.30	<10	153	<5	104	3
L1+00E	5+50N	0.45	7171	1	0.03	21	0.13	32	8	33	<10	0.34	<10	101	<5	153	2
L1+00E	6+00N	0.61	6856	1	0.02	27	0.19	29	17	35	<10	0.49	<10	144	<5	179	2
L1+00E	6+50N	0.69	735	3	0.01	31	0.09	32	12	16	<10	0.48	<10	230	<5	70	6
L1+00E	7+00N	0.90	2169	1	0.02	35	0.07	35	23	31	<10	0.73	<10	241	<5	126	10
L1+00E	7+50N	0.88	456	1	0.01	42	0.02	28	22	16	<10	0.32	<10	206	<5	57	7
L1+00E	8+00N	0.70	538	2	0.01	30	0.03	32	12	17	<10	0.27	<10	149	<5	70	3
L1+00E	8+50N	0.52	1319	2	0.02	26	0.04	27	12	23	<10	0.40	<10	189	<5	64	4
L1+00E	9+00N	0.21	5206	1	0.02	20	0.19	24	7	18	<10	0.20	<10	116	<5	89	1
L1+00E	9+50N	0.49	350	2	0.02	27	0.02	28	9	17	<10	0.35	<10	169	<5	78	6
L1+00E	10+00N	0.63	467	2	0.01	39	0.03	40	20	16	<10	0.52	<10	262	<5	68	13
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp

Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L1+00E	10+50N	Soil	<5	0.4	3.89	77	97	2	0.45	1.0	22	54	53	>5.00	<1	0.03	4
L1+00E	11+00N	Soil	<5	0.3	4.72	54	53	<2	0.64	1.0	26	61	63	>5.00	<1	0.03	8
L1+00W	0+00	Soil	<5	0.6	4.83	64	42	<2	0.88	1.0	28	116	59	>5.00	<1	0.03	3
L1+00W	0+50N	Soil	<5	0.8	2.01	18	60	2	0.35	<1.0	31	73	43	>5.00	<1	0.06	5
L1+00W	1+00N	Soil	<5	0.5	3.16	37	33	4	0.36	1.0	17	63	46	>5.00	<1	0.03	5
L1+00W	1+50N	Soil	<5	0.9	2.39	34	69	5	0.32	<1.0	35	102	54	>5.00	<1	0.02	5
L1+00W	2+00N	Soil	<5	0.4	4.09	39	64	4	0.51	<1.0	23	63	54	>5.00	<1	0.03	7
L1+00W	2+50N	Soil	<5	0.5	3.53	40	128	5	0.89	1.0	27	58	63	4.06	<1	0.03	5
L1+00W	3+00N	Soil	<5	0.3	4.38	53	82	3	0.93	2.0	28	91	84	>5.00	<1	0.03	13
L1+00W	3+50N	Soil	<5	0.2	3.67	36	36	3	0.39	<1.0	18	57	88	>5.00	<1	0.02	7
L1+00W	4+00N	Soil	10	0.5	2.35	15	78	5	0.51	<1.0	29	58	33	>5.00	<1	0.04	4
L1+00W	4+50N	Soil	<5	0.2	3.61	30	70	6	0.40	<1.0	24	63	60	>5.00	<1	0.02	7
L1+00W	5+00N	Soil	<5	<0.1	4.27	45	92	2	0.36	1.0	24	82	42	>5.00	<1	0.03	4
L1+00W	5+50N	Soil	<5	0.8	1.75	20	285	3	0.52	1.0	29	62	33	>5.00	<1	0.05	6
L1+00W	6+00N	Soil	<5	0.2	2.62	23	46	8	0.38	<1.0	16	45	24	>5.00	<1	0.03	5
L1+00W	6+50N	Soil	<5	0.3	3.65	41	65	4	0.42	1.0	25	64	56	>5.00	<1	0.03	6
L1+00W	7+00N	Soil	<5	0.8	4.12	63	73	<2	0.53	1.0	24	66	101	>5.00	<1	0.03	5
L1+00W	7+50N	Soil	<5	0.3	4.76	48	81	5	0.39	1.0	23	66	69	>5.00	<1	0.03	4
L1+00W	8+00N	Soil	<5	0.7	4.08	40	108	<2	0.79	1.0	28	70	93	>5.00	<1	0.04	5
L1+00W	8+50N	Soil	<5	0.7	4.14	39	197	3	1.33	1.0	25	69	105	>5.00	<1	0.03	31
L1+00W	9+00N	Soil	<5	0.8	>5.00	59	146	2	0.85	2.0	38	85	82	>5.00	<1	0.05	8
L1+00W	9+50N	Soil	50	0.2	2.17	14	67	6	0.60	<1.0	21	54	46	>5.00	<1	0.03	5
L1+00W	10+00N	Soil	<5	0.2	1.26	13	54	5	0.31	<1.0	12	26	11	2.37	<1	0.02	4
L1+00W	10+50N	Soil	<5	0.3	3.35	31	64	4	0.37	<1.0	24	54	58	>5.00	<1	0.03	6
L1+00W	11+00N	Soil	<5	0.3	2.36	12	55	5	0.40	1.0	26	81	46	>5.00	<1	0.04	5
L1+00W	11+50N	Soil	<5	0.7	2.17	12	103	4	0.66	<1.0	26	53	46	>5.00	<1	0.03	7
L1+00W	12+00N	Soil	<5	0.3	2.54	15	63	11	0.54	<1.0	28	60	44	>5.00	<1	0.03	5
L1+00W	0+50S	Soil	<5	0.3	>5.00	44	59	3	0.52	1.0	35	140	74	>5.00	<1	0.04	6
L1+00W	1+00S	Soil	<5	0.3	4.69	38	107	4	0.60	<1.0	32	108	90	>5.00	<1	0.03	17
L1+00W	1+50S	Soil	<5	<0.1	4.39	43	67	12	0.48	5.0	22	76	40	3.34	<1	0.03	6
L1+00W	2+00S	Soil	<5	<0.1	>5.00	51	40	7	0.42	<1.0	24	86	93	>5.00	<1	0.02	7
L1+00W	2+50S	Soil	<5	0.1	4.56	43	31	3	0.45	<1.0	20	59	62	>5.00	<1	0.02	9
L1+00W	3+00S	Soil	<5	0.2	3.66	34	52	2	0.36	<1.0	20	56	57	>5.00	<1	0.02	5
L1+00W	3+50S	Soil	<5	<0.1	>5.00	66	31	5	0.29	<1.0	20	71	273	>5.00	<1	0.03	5
L2+00E	6+50N	Soil	<5	1.0	1.99	28	103	<2	2.54	1.0	13	9	177	1.58	<1	0.04	14
L2+00E	7+00N	Soil	<5	<0.1	>5.00	66	49	<2	0.45	<1.0	36	80	1320	>5.00	<1	0.02	25
L2+00E	7+50N	Soil	<5	<0.1	>5.00	52	118	6	0.46	<1.0	30	69	86	>5.00	<1	0.02	6
L2+00E	8+00N	Soil	<5	0.2	>5.00	64	124	6	0.52	1.0	32	71	87	>5.00	<1	0.02	6
L2+00E	8+50N	Soil	<5	0.3	1.33	21	141	5	0.32	<1.0	37	61	58	>5.00	<1	0.05	5
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 2 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L1+00E 10+50N	0.47	636	2	0.01	31	0.03	32	13	13	<10	0.32	<10	195	<5	51	6
L1+00E 11+00N	0.67	673	1	0.02	33	0.06	33	18	14	<10	0.44	<10	217	<5	67	16
L1+00W 0+00	0.87	920	<1	0.01	46	0.05	35	27	23	<10	0.49	<10	214	<5	52	6
L1+00W 0+50N	0.24	7150	2	0.02	27	0.13	36	5	14	<10	0.29	<10	120	<5	160	3
L1+00W 1+00N	0.37	1382	1	0.02	19	0.12	30	15	11	<10	0.33	<10	184	<5	49	5
L1+00W 1+50N	0.30	7429	2	0.01	36	0.11	26	12	12	<10	0.49	<10	159	<5	182	7
L1+00W 2+00N	0.54	1027	2	0.02	31	0.05	34	12	15	<10	0.39	<10	194	<5	53	6
L1+00W 2+50N	0.58	3136	1	0.02	33	0.07	32	7	32	<10	0.33	<10	120	<5	95	3
L1+00W 3+00N	0.78	862	1	0.02	45	0.05	34	22	24	<10	0.43	<10	179	<5	111	9
L1+00W 3+50N	0.45	578	2	0.01	24	0.07	30	6	12	<10	0.33	<10	168	<5	50	6
L1+00W 4+00N	0.45	2653	3	0.02	23	0.10	42	9	17	<10	0.35	<10	162	<5	131	3
L1+00W 4+50N	0.42	1015	4	0.02	27	0.05	30	10	14	<10	0.44	<10	189	<5	65	9
L1+00W 5+00N	0.48	641	2	0.01	26	0.06	35	16	13	<10	0.46	<10	208	<5	53	8
L1+00W 5+50N	0.37	4499	1	0.02	22	0.16	20	10	32	<10	0.38	<10	132	<5	96	4
L1+00W 6+00N	0.34	492	2	0.02	15	0.08	27	7	12	<10	0.36	<10	156	<5	59	5
L1+00W 6+50N	0.49	822	1	0.01	28	0.10	32	17	13	<10	0.47	<10	192	<5	80	11
L1+00W 7+00N	0.78	1137	<1	0.01	36	0.15	27	29	17	<10	0.44	<10	176	<5	78	7
L1+00W 7+50N	0.53	1152	2	0.01	29	0.16	37	10	16	<10	0.46	<10	183	<5	72	7
L1+00W 8+00N	0.55	3550	2	0.02	34	0.27	36	8	29	<10	0.34	<10	151	<5	110	3
L1+00W 8+50N	0.63	4783	2	0.02	30	0.07	33	8	29	<10	0.24	<10	139	<5	81	3
L1+00W 9+00N	1.24	2942	1	0.01	39	0.12	41	22	33	<10	0.49	<10	221	<5	143	4
L1+00W 9+50N	0.55	1246	2	0.02	23	0.07	25	6	19	<10	0.31	<10	163	<5	70	3
L1+00W 10+00N	0.18	1058	1	0.02	8	0.03	19	5	12	<10	0.25	<10	86	<5	39	1
L1+00W 10+50N	0.48	1121	2	0.02	23	0.09	31	7	12	<10	0.38	<10	170	<5	70	7
L1+00W 11+00N	0.32	1807	2	0.01	27	0.12	25	17	16	<10	0.32	<10	234	<5	79	2
L1+00W 11+50N	0.29	9095	2	0.02	20	0.12	22	8	19	<10	0.33	<10	117	<5	163	1
L1+00W 12+00N	0.30	1856	2	0.02	23	0.06	26	15	21	<10	0.49	<10	187	<5	121	5
L1+00W 0+50S	1.30	1058	3	0.02	50	0.05	45	15	22	<10	0.63	<10	235	<5	97	9
L1+00W 1+00S	0.75	3125	3	0.02	44	0.04	42	11	16	<10	0.40	<10	158	<5	136	9
L1+00W 1+50S	0.45	659	3	0.01	28	0.05	45	8	15	<10	0.37	<10	203	<5	63	6
L1+00W 2+00S	0.48	603	3	0.01	32	0.05	44	10	14	<10	0.48	<10	210	<5	53	9
L1+00W 2+50S	0.53	278	4	0.02	29	0.03	37	6	13	<10	0.36	<10	202	<5	38	6
L1+00W 3+00S	0.48	540	3	0.02	28	0.04	33	6	11	<10	0.35	<10	181	<5	47	7
L1+00W 3+50S	0.65	234	3	0.02	37	0.03	44	6	10	<10	0.29	<10	143	<5	41	5
L2+00E 6+50N	0.19	5099	1	0.02	20	0.16	43	<5	55	<10	0.03	<10	38	<5	69	<1
L2+00E 7+00N	0.28	331	4	0.01	55	0.04	48	15	17	<10	0.34	<10	220	<5	45	9
L2+00E 7+50N	0.67	248	4	0.02	45	0.03	38	13	19	<10	0.37	<10	219	<5	47	12
L2+00E 8+00N	0.76	288	2	0.02	48	0.03	39	19	21	<10	0.39	<10	224	<5	52	13
L2+00E 8+50N	0.14	>10000	3	0.02	19	0.10	23	5	16	<10	0.37	<10	146	<5	306	2
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 3 of 18 Section 1 of 2

Sample	Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L2+00E	9+00N	Soil	<5	0.3	3.52	39	62	6	0.75	<1.0	26	77	130	>5.00	<1	0.03	6
L2+00E	9+50N	Soil	<5	0.1	4.69	43	26	7	0.43	1.0	35	108	146	>5.00	<1	0.03	12
L2+00E	10+00N	Soil	<5	0.3	3.32	29	62	3	0.70	<1.0	23	55	64	>5.00	<1	0.03	5
L2+00E	10+50N	Soil	<5	<0.1	4.57	48	115	6	0.49	1.0	29	54	50	>5.00	<1	0.03	8
L2+00W	0+50N	Soil	<5	0.3	3.18	32	38	3	0.50	<1.0	26	68	41	>5.00	<1	0.02	6
L2+00W	1+00N	Soil	<5	0.4	4.61	46	34	7	0.58	<1.0	31	86	105	>5.00	<1	0.03	9
L2+00W	1+50N	Soil	<5	0.3	4.54	44	53	9	0.68	1.0	25	85	57	>5.00	<1	0.02	6
L2+00W	2+00N	Soil	<5	1.3	>5.00	127	124	7	0.39	1.0	81	205	283	>5.00	4	0.04	27
L2+00W	2+50N	Soil	<5	0.3	4.59	54	52	5	0.45	1.0	24	65	60	>5.00	<1	0.03	7
L2+00W	3+00N	Soil	<5	0.2	3.13	31	47	3	0.46	<1.0	26	82	48	>5.00	<1	0.02	5
L2+00W	3+50N	Soil	<5	0.3	4.17	41	44	7	0.64	<1.0	29	74	108	>5.00	<1	0.03	5
L2+00W	4+00N	Soil	<5	0.2	2.75	29	48	5	0.55	<1.0	20	55	36	>5.00	<1	0.02	5
L2+00W	4+50N	Soil	<5	0.2	>5.00	54	50	4	0.61	<1.0	24	77	85	>5.00	<1	0.03	4
L2+00W	5+00N	Soil	<5	0.2	>5.00	57	72	6	0.44	1.0	25	84	81	>5.00	<1	0.04	6
L2+00W	5+50N	Soil	<5	0.4	>5.00	59	50	2	0.45	1.0	21	66	65	>5.00	<1	0.03	5
L2+00W	6+00N	Soil	<5	0.2	3.30	32	110	3	0.34	<1.0	25	39	61	>5.00	<1	0.03	9
L2+00W	6+50N	Soil	<5	0.2	>5.00	58	46	2	0.53	1.0	22	78	121	>5.00	<1	0.03	5
L2+00W	7+00N	Soil	<5	0.2	>5.00	58	52	3	0.46	<1.0	23	86	113	>5.00	<1	0.03	9
L2+00W	7+50N	Soil	<5	0.3	4.08	37	146	<2	1.09	<1.0	25	77	81	>5.00	<1	0.04	20
L2+00W	8+00N	Soil	<5	<0.1	3.42	46	91	<2	0.46	<1.0	27	83	97	>5.00	<1	0.02	6
L2+00W	8+50N	Soil	<5	0.5	4.56	53	107	5	0.55	<1.0	21	174	68	>5.00	<1	0.02	8
L2+00W	9+00N	Soil	<5	0.4	4.52	49	37	5	0.96	<1.0	30	80	97	>5.00	<1	0.03	15
L2+00W	9+50N	Soil	<5	0.5	3.44	36	27	6	0.82	1.0	29	57	81	>5.00	<1	0.02	24
L2+00W	10+00N	Soil	<5	0.8	>5.00	63	180	5	1.03	3.0	36	237	189	>5.00	<1	0.03	16
L2+00W	10+50N	Soil	<5	0.2	4.79	48	98	4	1.22	1.0	30	122	112	>5.00	<1	0.02	11
L2+00W	11+00N	Soil	<5	0.4	4.20	39	52	4	0.67	<1.0	29	131	70	>5.00	<1	0.03	7
L2+00W	11+50N	Soil	<5	0.5	3.93	31	64	7	0.68	<1.0	46	44	148	>5.00	<1	0.03	8
L2+00W	12+00N	Soil	<5	0.5	1.76	8	56	6	0.57	<1.0	26	35	43	>5.00	<1	0.03	7
L2+00W	0+00	Soil	<5	0.6	3.14	27	76	5	0.56	<1.0	28	85	58	>5.00	<1	0.03	9
L2+00W	0+50S	Soil	<5	0.7	4.39	47	90	4	1.11	1.0	28	106	104	>5.00	<1	0.03	18
L2+00W	1+00S	Soil	10	0.3	>5.00	53	53	<2	0.54	<1.0	26	95	104	>5.00	<1	0.02	9
L2+00W	1+50S	Soil	<5	0.4	3.70	34	60	4	0.46	<1.0	23	64	59	>5.00	<1	0.02	6
L2+00W	2+00S	Soil	<5	0.5	>5.00	48	28	2	0.39	1.0	28	98	105	>5.00	<1	0.03	12
L2+00W	2+50S	Soil	<5	0.7	3.20	32	57	<2	0.61	<1.0	23	51	73	>5.00	<1	0.03	6
L2+00W	3+00S	Soil	<5	0.2	>5.00	54	49	<2	0.54	<1.0	28	83	108	>5.00	<1	0.03	11
L2+00W	3+50S	Soil	<5	0.2	>5.00	55	66	4	0.56	1.0	24	64	55	>5.00	<1	0.03	6
L2+00W	4+00S	Soil	<5	0.1	>5.00	54	56	7	0.44	1.0	23	76	58	>5.00	<1	0.03	6
L2+00W	4+50S	Soil	35	0.6	>5.00	62	30	7	0.54	2.0	46	293	135	>5.00	<1	0.08	5
L2+00W	5+00S	Soil	<5	0.4	>5.00	56	80	2	0.65	<1.0	27	52	73	>5.00	<1	0.03	9
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L2+00E 9+00N	0.50	1072	3	0.02	58	0.04	33	9	28	<10	0.41	<10	162	<5	111	4
L2+00E 9+50N	0.29	241	3	0.02	51	0.02	38	14	17	<10	0.53	<10	213	<5	86	16
L2+00E 10+00N	0.55	396	3	0.02	29	0.02	29	11	18	<10	0.44	<10	221	<5	64	11
L2+00E 10+50N	0.44	786	1	0.01	32	0.08	36	13	18	<10	0.41	<10	172	<5	142	9
L2+00W 0+50N	0.74	591	2	0.01	28	0.04	28	11	25	<10	0.42	<10	182	<5	62	6
L2+00W 1+00N	0.72	528	3	0.01	37	0.06	33	15	22	<10	0.52	<10	208	<5	71	12
L2+00W 1+50N	0.54	556	2	0.02	32	0.04	35	16	24	<10	0.53	<10	212	<5	53	10
L2+00W 2+00N	0.54	292	7	<0.01	182	0.06	64	21	20	<10	0.25	<10	262	<5	62	13
L2+00W 2+50N	0.55	352	1	0.01	31	0.04	36	15	21	<10	0.47	<10	175	<5	56	9
L2+00W 3+00N	0.49	618	2	0.01	31	0.04	25	14	17	<10	0.42	<10	199	<5	62	8
L2+00W 3+50N	1.06	645	3	0.02	45	0.04	34	13	16	<10	0.50	<10	228	<5	52	14
L2+00W 4+00N	0.43	401	1	0.02	24	0.04	23	15	20	<10	0.40	<10	196	<5	61	7
L2+00W 4+50N	0.78	580	3	0.01	35	0.05	41	11	23	<10	0.48	<10	188	<5	50	8
L2+00W 5+00N	0.51	794	2	0.01	36	0.08	40	16	19	<10	0.48	<10	216	<5	74	12
L2+00W 5+50N	0.45	330	2	0.01	26	0.05	43	14	18	<10	0.50	<10	200	<5	55	13
L2+00W 6+00N	0.58	1004	3	0.01	24	0.05	26	11	20	<10	0.18	<10	177	<5	115	<1
L2+00W 6+50N	0.80	585	3	0.01	30	0.10	40	11	17	<10	0.46	<10	197	<5	54	12
L2+00W 7+00N	0.63	466	4	0.01	36	0.09	43	14	18	<10	0.46	<10	218	<5	59	16
L2+00W 7+50N	0.87	1713	2	0.01	34	0.05	32	8	27	<10	0.19	<10	158	<5	85	3
L2+00W 8+00N	0.47	819	2	0.01	46	0.06	26	19	19	<10	0.23	<10	219	<5	92	2
L2+00W 8+50N	0.64	211	3	0.02	38	0.02	36	13	19	<10	0.36	<10	235	<5	42	8
L2+00W 9+00N	0.89	831	3	0.02	39	0.07	36	11	23	<10	0.40	<10	221	<5	79	5
L2+00W 9+50N	0.63	1029	3	0.02	30	0.03	27	8	21	<10	0.35	<10	209	<5	62	6
L2+00W 10+00N	1.19	1245	3	0.02	59	0.08	44	14	26	<10	0.21	<10	224	<5	132	4
L2+00W 10+50N	0.92	700	3	0.02	47	0.03	34	13	28	<10	0.38	<10	211	<5	84	11
L2+00W 11+00N	0.88	481	3	0.01	47	0.03	32	13	22	<10	0.42	<10	247	<5	74	6
L2+00W 11+50N	0.68	2951	2	0.01	33	0.09	33	12	35	<10	0.52	<10	252	<5	94	8
L2+00W 12+00N	0.26	1076	2	0.02	14	0.08	23	10	26	<10	0.51	<10	156	<5	96	8
L2+00W 0+00	0.84	1274	3	0.02	34	0.04	27	9	25	<10	0.44	<10	176	<5	75	5
L2+00W 0+50S	0.64	2229	2	0.02	44	0.04	33	16	25	<10	0.42	<10	200	<5	78	6
L2+00W 1+00S	0.66	400	2	0.01	39	0.04	38	14	17	<10	0.46	<10	206	<5	58	10
L2+00W 1+50S	0.45	1083	2	0.01	27	0.07	30	10	15	<10	0.43	<10	195	<5	81	11
L2+00W 2+00S	0.76	481	2	0.01	37	0.08	37	12	15	<10	0.45	<10	224	<5	63	10
L2+00W 2+50S	0.67	999	2	0.01	29	0.04	27	12	16	<10	0.39	<10	211	<5	67	7
L2+00W 3+00S	0.68	753	3	0.01	39	0.05	40	10	15	<10	0.41	<10	190	<5	60	12
L2+00W 3+50S	0.48	748	3	0.01	25	0.06	40	10	17	<10	0.45	<10	175	<5	64	6
L2+00W 4+00S	0.41	341	3	0.01	32	0.04	43	10	17	<10	0.44	<10	193	<5	52	9
L2+00W 4+50S	2.96	437	4	0.01	96	0.03	56	19	13	<10	0.76	<10	296	<5	51	7
L2+00W 5+00S	1.04	1821	3	0.01	27	0.05	41	8	28	<10	0.19	<10	175	<5	84	<1
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 4 of 18 Section 1 of 2

Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L2+00W	6+00S	Soil	<5	0.4	>5.00	98	103	2	0.91	2.0	24	74	105	>5.00	<1	0.03	12
L2+00W	6+50S	Soil	<5	0.3	>5.00	76	27	2	0.27	1.0	20	99	138	>5.00	<1	0.03	5
L2+00W	7+00S	Soil	<5	0.3	3.67	48	76	8	0.41	4.0	22	52	37	2.04	<1	0.04	5
L3+00W	0+50N	Soil	<5	0.2	2.90	40	71	<2	0.47	3.0	19	57	37	1.61	<1	0.04	12
L3+00W	1+00N	Soil	<5	0.7	3.63	26	85	6	0.51	1.0	43	95	79	>5.00	<1	0.04	8
L3+00W	1+50N	Soil	<5	0.2	>5.00	52	42	7	0.40	1.0	24	75	65	>5.00	<1	0.02	5
L3+00W	2+00N	Soil	<5	0.6	>5.00	38	68	7	0.55	<1.0	30	100	71	>5.00	<1	0.03	6
L3+00W	2+50N	Soil	<5	0.5	2.06	12	72	6	0.51	<1.0	23	57	32	>5.00	<1	0.02	6
L3+00W	3+00N	Soil	5	0.1	1.91	<5	71	5	0.37	<1.0	23	69	27	>5.00	<1	0.03	5
L3+00W	3+50N	Soil	<5	0.6	2.95	18	83	<2	0.48	<1.0	26	55	19	>5.00	<1	0.03	9
L3+00W	4+00N	Soil	5	<0.1	2.16	14	47	7	0.51	<1.0	19	60	41	>5.00	<1	0.03	3
L3+00W	4+50N	Soil	5	0.2	>5.00	45	88	4	0.45	<1.0	31	66	79	>5.00	<1	0.03	5
L3+00W	5+00N	Soil	15	0.5	3.51	19	71	10	0.79	<1.0	33	67	66	>5.00	<1	0.03	5
L3+00W	5+50N	Soil	<5	0.2	3.59	32	55	10	0.41	<1.0	23	62	62	>5.00	<1	0.03	6
L3+00W	6+00N	Soil	<5	0.2	3.85	34	34	6	0.58	<1.0	38	65	72	>5.00	<1	0.02	10
L3+00W	6+50N	Soil	<5	0.3	4.11	36	32	7	0.56	<1.0	39	66	69	>5.00	<1	0.02	10
L3+00W	7+00N	Soil	<5	0.3	4.12	33	70	11	0.49	<1.0	27	77	79	>5.00	<1	0.03	6
L3+00W	7+50N	Soil	5	0.9	4.08	29	193	5	0.71	<1.0	36	74	253	>5.00	<1	0.04	12
L3+00W	8+00N	Soil	5	1.2	4.44	42	200	<2	0.71	1.0	37	76	259	>5.00	<1	0.04	13
L3+00W	8+50N	Soil	10	0.6	>5.00	44	119	<2	0.52	<1.0	29	81	378	>5.00	<1	0.04	13
L3+00W	0+00	Soil	5	0.6	3.71	40	68	<2	0.76	1.0	31	71	54	>5.00	<1	0.04	11
L3+00W	0+50S	Soil	<5	0.4	4.39	40	39	7	0.85	<1.0	32	75	72	>5.00	<1	0.02	12
L3+00W	1+00S	Soil	5	0.3	>5.00	65	46	8	0.41	1.0	25	89	74	>5.00	<1	0.02	6
L3+00W	1+50S	Soil	<5	0.2	3.21	25	41	<2	0.52	<1.0	20	81	48	>5.00	<1	0.02	6
L3+00W	2+00S	Soil	45	0.2	4.43	48	44	<2	1.02	1.0	56	87	642	>5.00	<1	0.03	9
L3+00W	2+50S	Soil	5	0.5	>5.00	63	42	6	0.40	1.0	27	97	82	>5.00	<1	0.03	4
L3+00W	3+00S	Soil	10	0.6	>5.00	46	77	8	0.42	1.0	30	110	124	>5.00	<1	0.05	8
L3+00W	3+50S	Soil	5	0.2	4.23	38	72	10	0.43	1.0	37	91	84	>5.00	<1	0.03	7
L3+00W	4+00S	Soil	5	0.1	>5.00	125	27	9	0.48	2.0	35	119	214	>5.00	<1	0.02	6
L3+00W	4+50S	Soil	30	0.4	3.93	44	51	<2	0.86	<1.0	25	74	93	>5.00	<1	0.03	25
L3+00W	5+00S	Soil	5	0.3	3.44	33	67	3	0.50	<1.0	28	64	45	>5.00	<1	0.03	11
L3+00W	5+50S	Soil	<5	0.4	4.49	42	109	3	0.44	1.0	32	74	56	>5.00	<1	0.04	7
L3+00W	6+00S	Soil	<5	0.2	2.83	30	39	2	0.47	1.0	19	50	43	>5.00	<1	0.02	6
L3+00W	6+50S	Soil	15	<0.1	4.91	54	90	<2	0.80	<1.0	27	82	72	>5.00	<1	0.02	16
L3+00W	7+00S	Soil	10	0.3	3.85	48	39	3	0.29	1.0	17	56	32	>5.00	<1	0.02	6
L3+00W	7+50S	Soil	10	0.4	>5.00	98	56	7	0.15	2.0	34	59	229	>5.00	<1	0.04	13
L3+00W	8+00S	Soil	<5	0.3	>5.00	61	77	<2	0.38	<1.0	44	176	237	>5.00	<1	0.03	9
L3+00W	8+50S	Soil	<5	0.3	>5.00	54	40	4	0.39	1.0	36	189	126	>5.00	<1	0.02	8
L3+00W	9+00S	Soil	<5	0.5	4.04	37	91	7	0.49	1.0	31	96	63	>5.00	<1	0.03	10
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L2+00W	6+00S	0.61	2059	3	0.02	35	0.05	39	8	21	<10	0.22	<10	150	<5	143	4
L2+00W	6+50S	0.81	309	3	0.01	37	0.03	62	8	9	<10	0.31	<10	184	<5	85	20
L2+00W	7+00S	0.35	912	1	0.02	22	0.05	36	9	17	<10	0.31	<10	141	<5	90	4
L3+00W	0+50N	0.70	481	1	0.02	25	0.02	27	6	22	<10	0.05	<10	104	<5	68	3
L3+00W	1+00N	0.43	3675	2	0.01	35	0.08	34	11	24	<10	0.50	<10	190	<5	124	7
L3+00W	1+50N	0.44	1106	3	0.01	26	0.15	41	8	16	<10	0.44	<10	184	<5	91	5
L3+00W	2+00N	0.79	734	4	0.01	41	0.06	39	7	24	<10	0.55	<10	237	<5	86	8
L3+00W	2+50N	0.30	1155	2	0.02	17	0.05	24	8	24	<10	0.44	<10	154	<5	83	4
L3+00W	3+00N	0.43	2072	3	0.02	20	0.12	24	7	16	<10	0.42	<10	190	<5	104	7
L3+00W	3+50N	0.44	2841	3	0.01	23	0.06	34	6	32	<10	0.31	<10	183	<5	74	3
L3+00W	4+00N	0.54	665	3	0.02	21	0.05	24	8	27	<10	0.40	<10	183	<5	62	7
L3+00W	4+50N	0.47	1136	4	0.01	34	0.06	39	8	21	<10	0.48	<10	202	<5	116	12
L3+00W	5+00N	0.63	1449	4	0.01	30	0.06	33	11	27	<10	0.60	<10	264	<5	102	16
L3+00W	5+50N	0.37	961	3	0.01	24	0.06	33	8	17	<10	0.46	<10	186	<5	75	8
L3+00W	6+00N	0.80	596	3	0.01	42	0.04	32	9	16	<10	0.44	<10	187	<5	73	11
L3+00W	6+50N	0.76	497	4	0.01	42	0.05	32	6	16	<10	0.45	<10	193	<5	71	11
L3+00W	7+00N	0.55	1624	4	0.01	33	0.07	36	8	18	<10	0.51	<10	214	<5	87	9
L3+00W	7+50N	0.56	5982	4	0.01	38	0.13	32	7	35	<10	0.42	<10	208	<5	118	3
L3+00W	8+00N	0.58	5857	2	0.01	41	0.14	32	13	35	<10	0.42	<10	213	<5	126	4
L3+00W	8+50N	0.73	1828	4	0.01	33	0.07	39	<5	27	<10	0.19	<10	216	<5	74	2
L3+00W	0+00	0.58	2714	2	0.02	39	0.07	36	13	24	<10	0.41	<10	164	<5	92	7
L3+00W	0+50S	0.73	1264	3	0.02	40	0.06	34	7	19	<10	0.43	<10	173	<5	76	7
L3+00W	1+00S	0.60	540	3	0.01	35	0.07	43	15	15	<10	0.48	<10	191	<5	53	11
L3+00W	1+50S	0.49	520	3	0.01	25	0.04	29	10	17	<10	0.38	<10	200	<5	57	4
L3+00W	2+00S	0.36	1030	2	0.02	44	0.04	35	13	24	<10	0.43	<10	152	<5	55	9
L3+00W	2+50S	0.55	538	3	0.01	35	0.09	50	12	14	<10	0.53	<10	220	<5	78	11
L3+00W	3+00S	0.71	2653	3	0.02	36	0.16	41	7	18	<10	0.43	<10	191	<5	88	7
L3+00W	3+50S	0.57	768	3	0.01	31	0.05	36	9	20	<10	0.47	<10	201	<5	71	10
L3+00W	4+00S	1.01	355	6	<0.01	56	0.06	53	15	15	<10	0.49	<10	219	<5	55	12
L3+00W	4+50S	0.73	866	2	0.01	37	0.04	32	14	24	<10	0.31	<10	156	<5	73	4
L3+00W	5+00S	0.44	957	2	0.01	31	0.03	31	13	22	<10	0.42	<10	164	<5	76	4
L3+00W	5+50S	0.49	1805	3	0.01	37	0.07	37	14	18	<10	0.34	<10	208	<5	96	3
L3+00W	6+00S	0.38	252	2	0.01	23	0.04	27	12	14	<10	0.36	<10	164	<5	54	5
L3+00W	6+50S	0.61	1168	2	0.01	39	0.03	33	17	23	<10	0.36	<10	167	<5	81	6
L3+00W	7+00S	0.31	187	1	0.01	26	0.03	31	15	14	<10	0.34	<10	164	<5	54	4
L3+00W	7+50S	0.81	619	6	<0.01	41	0.12	60	22	12	<10	0.57	<10	301	<5	225	15
L3+00W	8+00S	2.50	2063	4	0.01	70	0.03	65	<5	19	<10	0.05	<10	226	<5	113	2
L3+00W	8+50S	1.23	563	5	0.01	44	0.05	52	18	25	<10	0.62	<10	308	<5	68	14
L3+00W	9+00S	0.84	1583	3	0.01	39	0.04	35	5	24	<10	0.12	<10	187	<5	88	<1
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp

Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L3+00W	9+50S	Soil	<5	0.2	4.55	40	59	4	0.40	<1.0	22	67	30	>5.00	<1	0.03	8
L3+00W	10+00S	Soil	<5	0.6	3.67	34	57	3	0.66	<1.0	26	76	51	>5.00	<1	0.03	6
L4+00W	0+00N	Soil	<5	0.9	2.17	16	64	5	0.46	<1.0	34	89	70	>5.00	<1	0.03	5
L4+00W	0+50N	Soil	<5	0.8	4.01	48	100	<2	0.49	1.0	29	63	56	>5.00	<1	0.03	4
L4+00W	1+00N	Soil	<5	0.9	3.42	40	97	4	0.47	2.0	27	59	46	4.20	<1	0.04	4
L4+00W	1+50N	Soil	<5	0.7	2.77	27	87	2	0.39	1.0	24	80	54	>5.00	<1	0.03	4
L4+00W	2+00N	Soil	<5	0.4	2.14	15	42	5	0.47	<1.0	21	82	67	>5.00	<1	0.03	4
L4+00W	2+50N	Soil	<5	0.4	1.53	14	92	7	0.49	1.0	26	43	41	3.58	<1	0.05	5
L4+00W	3+00N	Soil	<5	0.7	>5.00	67	72	5	0.45	2.0	28	105	157	>5.00	<1	0.03	10
L4+00W	3+50N	Soil	5	0.6	3.20	27	133	<2	0.35	<1.0	37	135	82	>5.00	<1	0.03	5
L4+00W	4+00N	Soil	<5	0.8	4.04	40	150	4	1.61	1.0	28	69	119	>5.00	<1	0.04	35
L4+00W	4+50N	Soil	<5	0.6	2.87	23	46	6	0.58	<1.0	25	61	60	>5.00	<1	0.03	5
L4+00W	5+00N	Soil	<5	0.9	3.61	38	85	9	0.55	1.0	29	56	72	>5.00	<1	0.04	6
L4+00W	5+50N	Soil	<5	0.9	2.33	11	147	5	0.48	<1.0	39	61	98	>5.00	<1	0.03	10
L4+00W	6+00N	Soil	<5	1.2	1.99	9	104	<2	0.64	<1.0	53	49	37	>5.00	<1	0.03	12
L4+00W	6+50N	Soil	<5	0.9	4.97	48	59	10	0.40	<1.0	28	73	118	>5.00	<1	0.04	7
L4+00W	0+50S	Soil	<5	0.6	4.64	45	45	3	0.60	<1.0	27	95	169	>5.00	<1	0.03	11
L4+00W	1+00S	Soil	<5	0.6	4.60	42	42	6	0.51	<1.0	32	105	64	>5.00	<1	0.03	12
L4+00W	1+50S	Soil	<5	0.6	>5.00	57	41	4	0.43	<1.0	25	98	78	>5.00	<1	0.02	5
L4+00W	2+00S	Soil	<5	0.4	>5.00	77	54	2	0.33	<1.0	32	140	96	>5.00	<1	0.03	21
L4+00W	2+50S	Soil	<5	0.4	4.52	46	68	4	0.37	<1.0	32	98	79	>5.00	<1	0.03	10
L4+00W	3+00S	Soil	<5	0.7	3.57	33	74	6	0.37	<1.0	22	76	38	>5.00	<1	0.03	7
L4+00W	3+50S	Soil	20	0.4	2.87	26	78	2	0.39	<1.0	22	60	33	>5.00	<1	0.03	8
L4+00W	4+00S	Soil	20	0.5	4.36	41	49	7	0.38	<1.0	27	83	60	>5.00	<1	0.03	8
L4+00W	4+50S	Soil	<5	0.2	3.95	41	54	4	0.53	<1.0	23	67	50	>5.00	<1	0.03	8
L4+00W	5+00S	Soil	<5	0.6	>5.00	64	49	9	0.50	1.0	28	99	98	>5.00	<1	0.02	6
L4+00W	5+50S	Soil	10	0.5	4.86	50	95	2	1.21	1.0	30	86	81	>5.00	<1	0.04	30
L4+00W	6+00S	Soil	<5	0.5	4.41	40	133	7	0.35	<1.0	32	103	159	>5.00	<1	0.04	7
L4+00W	6+00S (C)	Soil	10	0.2	2.77	27	46	5	0.53	<1.0	18	49	38	>5.00	<1	0.03	7
L4+00W	6+50S	Soil	10	0.3	4.38	43	113	<2	0.57	<1.0	26	104	76	>5.00	<1	0.04	18
L4+00W	7+00S	Soil	<5	0.6	>5.00	78	228	<2	0.67	1.0	23	223	164	>5.00	<1	0.03	42
L4+00W	7+50S	Soil	<5	0.6	>5.00	130	53	8	0.60	1.0	38	239	111	>5.00	<1	0.02	4
L4+00W	8+50S	Soil	15	0.4	4.16	33	53	3	0.50	<1.0	36	108	147	>5.00	<1	0.03	7
L4+00W	9+00S	Soil	30	0.6	>5.00	52	45	6	0.69	<1.0	32	76	80	>5.00	<1	0.03	9
L4+00W	9+50S	Soil	10	0.4	3.79	35	73	4	0.45	<1.0	30	80	58	>5.00	<1	0.03	6
L5+00W	0+00	Soil	15	0.6	>5.00	120	67	3	0.43	1.0	31	131	135	>5.00	<1	0.03	6
L5+00W	0+50N	Soil	5	0.9	3.01	30	144	2	0.56	<1.0	24	62	51	>5.00	<1	0.04	5
L5+00W	1+00N	Soil	5	0.6	>5.00	56	93	3	0.46	<1.0	25	86	99	>5.00	<1	0.04	6
L5+00W	2+00N	Soil	<5	0.6	4.57	49	73	2	0.49	1.0	26	77	79	>5.00	<1	0.03	6
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L3+00W 9+50S	1.14	476	4	0.01	44	0.04	36	5	35	<10	0.31	<10	197	<5	111	2
L3+00W 10+00S	0.73	1252	3	0.02	40	0.07	34	9	18	<10	0.43	<10	186	<5	115	6
L4+00W 0+00N	0.58	2471	2	0.01	29	0.07	25	13	28	<10	0.53	<10	180	<5	83	6
L4+00W 0+50N	0.46	2800	2	0.02	28	0.15	33	13	21	<10	0.41	<10	151	<5	108	6
L4+00W 1+00N	0.43	2730	1	0.02	25	0.14	35	10	20	<10	0.38	<10	141	<5	101	6
L4+00W 1+50N	0.65	1549	2	0.02	30	0.04	26	10	16	<10	0.26	<10	168	<5	95	4
L4+00W 2+00N	0.39	737	2	0.01	22	0.05	21	11	22	<10	0.41	<10	199	<5	62	7
L4+00W 2+50N	0.34	1254	2	0.02	19	0.04	28	7	19	<10	0.31	<10	113	<5	91	6
L4+00W 3+00N	0.60	1689	2	0.01	37	0.12	46	15	17	<10	0.45	<10	194	<5	87	18
L4+00W 3+50N	2.21	2471	3	0.01	60	0.05	28	6	17	<10	0.15	<10	189	<5	91	2
L4+00W 4+00N	0.91	5896	2	0.02	45	0.09	36	8	29	<10	0.31	<10	134	<5	111	5
L4+00W 4+50N	0.53	726	3	0.01	24	0.06	28	12	17	<10	0.50	<10	230	<5	63	10
L4+00W 5+00N	0.57	1129	2	0.01	28	0.04	35	16	24	<10	0.70	<10	193	<5	64	19
L4+00W 5+50N	0.48	4885	3	0.02	25	0.05	28	9	31	<10	0.47	<10	186	<5	145	6
L4+00W 6+00N	0.48	5756	3	0.02	28	0.12	22	7	35	<10	0.44	<10	167	<5	99	4
L4+00W 6+50N	0.53	1132	3	0.01	30	0.17	39	14	17	<10	0.52	<10	258	<5	106	12
L4+00W 0+50S	0.74	472	3	0.02	46	0.04	35	10	16	<10	0.43	<10	177	<5	72	11
L4+00W 1+00S	0.53	745	4	0.02	41	0.04	35	12	17	<10	0.49	<10	160	<5	76	13
L4+00W 1+50S	0.58	526	4	0.01	34	0.06	45	11	17	<10	0.52	<10	214	<5	57	12
L4+00W 2+00S	1.09	1005	5	<0.01	55	0.06	48	14	10	<10	0.20	<10	233	<5	75	10
L4+00W 2+50S	0.67	524	3	0.01	44	0.04	36	11	13	<10	0.32	<10	179	<5	82	6
L4+00W 3+00S	0.44	232	4	0.01	24	0.02	30	11	16	<10	0.43	<10	215	<5	35	12
L4+00W 3+50S	0.41	729	3	0.02	20	0.03	29	10	18	<10	0.36	<10	204	<5	54	7
L4+00W 4+00S	0.45	651	3	0.01	28	0.07	33	12	14	<10	0.47	<10	227	<5	64	11
L4+00W 4+50S	0.62	451	3	0.02	30	0.04	34	12	18	<10	0.42	<10	172	<5	60	12
L4+00W 5+00S	0.75	477	3	0.01	43	0.05	48	13	14	<10	0.53	<10	224	<5	57	17
L4+00W 5+50S	0.82	1879	3	0.02	39	0.04	42	13	29	<10	0.34	<10	149	<5	240	10
L4+00W 6+00S	0.94	2846	4	0.01	40	0.08	33	9	19	<10	0.29	<10	197	<5	115	1
L4+00W 6+00S (C)	0.47	320	4	0.02	22	0.02	26	6	21	<10	0.31	<10	140	<5	38	6
L4+00W 6+50S	0.86	914	4	0.02	43	0.03	33	12	23	<10	0.19	<10	160	<5	84	5
L4+00W 7+00S	1.04	678	4	0.01	54	0.04	52	8	25	<10	0.01	<10	194	<5	52	4
L4+00W 7+50S	1.11	693	6	<0.01	56	0.11	70	16	27	<10	0.53	<10	269	<5	98	18
L4+00W 8+50S	1.60	1120	4	0.01	45	0.07	39	10	33	<10	0.34	<10	205	<5	102	6
L4+00W 9+00S	0.68	1943	3	0.02	35	0.10	37	10	18	<10	0.40	<10	167	<5	90	9
L4+00W 9+50S	1.03	1739	3	0.01	37	0.09	32	10	20	<10	0.40	<10	194	<5	86	3
L5+00W 0+00	0.84	435	5	<0.01	51	0.06	52	17	15	<10	0.57	<10	241	<5	58	18
L5+00W 0+50N	0.50	2704	2	0.02	26	0.12	28	9	21	<10	0.38	<10	166	<5	73	5
L5+00W 1+00N	0.61	1286	3	0.01	31	0.08	39	13	21	<10	0.45	<10	192	<5	60	8
L5+00W 2+00N	0.70	1110	3	0.01	36	0.10	35	14	16	<10	0.49	<10	203	<5	69	12
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 6 of 18 Section 1 of 2

Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L5+00W	2+50N	Soil	<5	<0.1	3.07	89	98	<2	0.23	<1.0	40	155	98	>5.00	<1	0.05	4
L5+00W	3+00N	Soil	<5	0.7	4.02	46	90	5	0.64	1.0	32	81	122	>5.00	<1	0.04	8
L5+00W	3+50N	Soil	<5	0.4	1.34	10	36	8	0.56	1.0	17	37	16	4.07	<1	0.03	7
L5+00W	4+00N	Soil	<5	0.4	4.20	39	43	6	0.49	<1.0	24	68	49	>5.00	<1	0.03	6
L5+00W	4+50N	Soil	5	0.3	2.94	27	40	8	0.53	<1.0	21	56	40	>5.00	<1	0.03	7
L5+00W	5+00N	Soil	<5	0.5	>5.00	140	30	4	0.42	1.0	47	76	107	>5.00	<1	0.03	11
L5+00W	0+50S	Soil	<5	0.8	>5.00	135	66	5	0.53	2.0	34	141	157	>5.00	<1	0.04	8
L5+00W	1+00S	Soil	<5	0.3	>5.00	67	63	6	0.45	<1.0	39	161	111	>5.00	<1	0.03	12
L5+00W	1+50S	Soil	<5	0.3	>5.00	59	55	3	0.40	<1.0	37	151	104	>5.00	<1	0.03	11
L5+00W	2+00S	Soil	<5	0.7	>5.00	57	62	5	0.52	1.0	29	94	53	>5.00	<1	0.04	7
L5+00W	2+50S	Soil	<5	0.5	>5.00	85	63	11	0.57	9.0	33	106	57	2.14	<1	0.04	7
L5+00W	3+00S	Soil	<5	0.3	4.29	46	75	2	1.06	<1.0	26	81	67	>5.00	<1	0.03	9
L5+00W	3+50S	Soil	<5	0.4	2.46	18	40	6	0.56	1.0	20	65	23	>5.00	<1	0.03	7
L5+00W	4+00S	Soil	<5	0.2	1.90	10	36	<2	0.54	<1.0	16	53	19	>5.00	<1	0.02	6
L5+00W	4+50S	Soil	<5	0.6	4.72	43	87	8	0.96	1.0	36	82	58	>5.00	<1	0.04	28
L5+00W	5+00S	Soil	<5	0.5	4.53	44	123	2	0.49	<1.0	29	75	63	>5.00	<1	0.04	9
L5+00W	5+50S	Soil	<5	0.4	>5.00	71	96	3	1.11	3.0	30	98	69	>5.00	<1	0.05	26
L5+00W	6+00S	Soil	<5	0.7	>5.00	58	59	6	0.66	1.0	33	98	123	>5.00	<1	0.03	9
L5+00W	6+50S	Soil	10	0.5	4.95	45	70	8	0.68	<1.0	31	94	125	>5.00	<1	0.03	8
L5+00W	7+00S	Soil	<5	0.6	>5.00	85	135	<2	0.72	1.0	24	91	67	>5.00	<1	0.05	6
L5+00W	7+50S	Soil	<5	0.8	4.14	36	152	6	1.19	<1.0	33	75	55	>5.00	<1	0.05	12
L5+00W	8+00S	Soil	<5	0.8	3.51	30	133	6	1.04	<1.0	30	72	47	>5.00	<1	0.04	9
L5+00W	8+50S	Soil	<5	0.5	4.38	44	190	<2	0.59	<1.0	26	92	60	>5.00	<1	0.04	9
L6+00W	0+00	Soil	<5	1.0	>5.00	61	88	<2	1.20	2.0	34	125	358	>5.00	<1	0.05	27
L6+00W	0+50N	Soil	<5	1.2	4.81	43	130	4	0.60	<1.0	36	88	95	>5.00	<1	0.03	9
L6+00W	1+00N	Soil	<5	0.5	>5.00	58	43	7	0.67	<1.0	34	126	250	>5.00	<1	0.03	32
L6+00W	1+50N	Soil	<5	0.4	>5.00	72	59	3	0.60	1.0	34	111	576	>5.00	<1	0.04	11
L6+00W	2+00N	Soil	<5	0.4	>5.00	70	41	5	0.62	1.0	31	104	174	>5.00	<1	0.03	14
L6+00W	2+50N	Soil	<5	0.5	4.88	57	35	6	0.53	2.0	28	79	84	>5.00	<1	0.03	12
L6+00W	3+00N	Soil	<5	0.5	2.61	22	55	4	0.59	<1.0	22	57	56	>5.00	<1	0.04	6
L6+00W	3+50N	Soil	<5	0.8	3.83	36	94	6	0.62	1.0	36	68	56	>5.00	<1	0.04	8
L6+00W	4+00N	Soil	<5	0.3	>5.00	50	26	5	0.40	1.0	16	72	53	>5.00	<1	0.02	6
L6+00W	4+50N	Soil	<5	0.6	>5.00	91	45	6	0.41	2.0	28	112	126	>5.00	<1	0.04	6
L6+00W	5+00N	Soil	<5	0.3	>5.00	83	28	5	0.45	1.0	46	66	96	>5.00	<1	0.03	10
L6+00W	0+50S	Soil	<5	0.7	4.92	49	103	<2	1.40	<1.0	31	119	195	>5.00	<1	0.03	18
L6+00W	1+00S	Soil	<5	0.4	1.66	10	71	6	0.53	1.0	20	51	20	4.41	<1	0.02	9
L6+00W	1+50S	Soil	<5	0.5	3.00	29	71	3	1.22	1.0	29	73	50	>5.00	<1	0.03	20
L6+00W	2+00S	Soil	<5	0.7	3.78	30	103	6	0.57	<1.0	38	74	70	>5.00	<1	0.03	12
L6+00W	2+50S	Soil	<5	0.4	>5.00	50	62	7	0.45	1.0	29	89	74	>5.00	<1	0.03	6
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 6 of 18 Section 2 of 2

Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L5+00W	2+50N	0.33	1277	5	<0.01	70	0.08	25	32	9	<10	0.02	<10	271	<5	127	<1
L5+00W	3+00N	0.73	1592	2	0.02	40	0.13	31	17	26	<10	0.54	<10	214	<5	129	9
L5+00W	3+50N	0.24	266	2	0.02	10	0.03	22	10	22	<10	0.53	<10	176	<5	42	11
L5+00W	4+00N	0.36	358	3	0.01	23	0.06	34	13	21	<10	0.58	<10	207	<5	92	14
L5+00W	4+50N	0.32	325	3	0.02	18	0.05	30	11	21	<10	0.56	<10	193	<5	70	13
L5+00W	5+00N	0.64	372	4	<0.01	37	0.10	61	14	18	<10	0.53	<10	186	<5	60	10
L5+00W	0+50S	0.92	431	4	<0.01	57	0.06	58	19	20	<10	0.61	<10	259	<5	64	22
L5+00W	1+00S	0.81	408	5	0.01	55	0.04	48	15	18	<10	0.42	<10	236	<5	45	15
L5+00W	1+50S	0.65	332	4	0.01	49	0.03	47	14	18	<10	0.42	<10	229	<5	40	15
L5+00W	2+00S	0.61	597	3	0.01	32	0.07	46	16	23	<10	0.61	<10	228	<5	67	9
L5+00W	2+50S	0.68	555	1	0.01	36	0.09	59	30	25	<10	0.68	<10	264	<5	78	13
L5+00W	3+00S	0.56	876	3	0.02	36	0.04	33	16	31	<10	0.46	<10	201	<5	61	8
L5+00W	3+50S	0.36	283	3	0.02	18	0.04	29	13	23	<10	0.51	<10	217	<5	46	7
L5+00W	4+00S	0.35	235	3	0.02	15	0.03	22	8	22	<10	0.43	<10	181	<5	36	5
L5+00W	4+50S	0.70	1749	3	0.02	42	0.05	43	11	31	<10	0.43	<10	168	<5	68	9
L5+00W	5+00S	0.95	1187	2	0.02	32	0.04	35	9	29	<10	0.32	<10	202	<5	98	7
L5+00W	5+50S	0.86	522	2	0.02	43	0.03	49	22	29	<10	0.42	<10	193	<5	65	18
L5+00W	6+00S	1.08	876	3	0.02	47	0.05	41	18	28	<10	0.54	<10	224	<5	70	8
L5+00W	6+50S	1.06	1703	4	0.02	43	0.05	37	10	27	<10	0.42	<10	204	<5	62	6
L5+00W	7+00S	0.70	2342	3	0.02	31	0.20	56	20	43	<10	0.32	<10	175	<5	115	6
L5+00W	7+50S	0.64	3418	4	0.02	34	0.08	37	10	43	<10	0.46	<10	158	<5	131	4
L5+00W	8+00S	0.63	3200	3	0.02	33	0.07	33	10	40	<10	0.45	<10	160	<5	116	4
L5+00W	8+50S	0.86	1777	3	0.02	35	0.05	38	8	23	<10	0.24	<10	180	<5	88	2
L6+00W	0+00	1.03	3112	1	0.02	65	0.07	42	21	27	<10	0.41	<10	187	<5	112	5
L6+00W	0+50N	0.65	4221	3	0.02	43	0.08	36	10	24	<10	0.49	<10	196	<5	123	6
L6+00W	1+00N	0.98	556	3	0.02	52	0.05	45	11	22	<10	0.51	<10	210	<5	74	20
L6+00W	1+50N	1.00	821	4	0.01	66	0.07	49	13	20	<10	0.40	<10	223	<5	134	13
L6+00W	2+00N	1.06	563	3	0.02	54	0.05	49	11	19	<10	0.39	<10	204	<5	63	20
L6+00W	2+50N	0.74	388	2	0.02	41	0.05	35	19	18	<10	0.48	<10	209	<5	70	15
L6+00W	3+00N	0.44	1076	3	0.02	22	0.06	24	9	20	<10	0.42	<10	183	<5	72	7
L6+00W	3+50N	0.75	2420	3	0.02	37	0.11	32	15	24	<10	0.54	<10	231	<5	128	6
L6+00W	4+00N	0.34	179	3	0.01	18	0.05	38	12	21	<10	0.49	<10	209	<5	33	17
L6+00W	4+50N	0.71	391	4	<0.01	36	0.06	57	22	18	<10	0.63	<10	271	<5	62	32
L6+00W	5+00N	0.60	406	3	0.01	32	0.09	55	16	20	<10	0.48	<10	170	<5	57	9
L6+00W	0+50S	1.43	1566	4	0.03	59	0.04	35	16	30	<10	0.40	<10	169	<5	80	12
L6+00W	1+00S	0.25	1760	2	0.02	13	0.04	22	8	25	<10	0.42	<10	153	<5	54	4
L6+00W	1+50S	0.57	1645	2	0.02	32	0.04	28	17	32	<10	0.47	<10	178	<5	69	8
L6+00W	2+00S	0.51	3629	4	0.02	35	0.06	32	7	20	<10	0.44	<10	190	<5	87	5
L6+00W	2+50S	0.54	629	4	0.01	34	0.07	41	36	18	<10	0.55	<10	235	<5	77	12
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 7 of 18 Section 1 of 2

Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L6+00W	3+00S	Soil	<5	1.2	3.43	36	202	3	0.77	1.0	31	62	54	>5.00	<1	0.05	13
L6+00W	3+50S	Soil	<5	0.4	4.27	37	82	5	0.42	<1.0	23	66	46	>5.00	<1	0.03	7
L6+00W	4+00S	Soil	<5	0.3	>5.00	48	48	6	0.56	<1.0	28	91	67	>5.00	<1	0.02	10
L6+00W	4+50S	Soil	10	0.9	5.00	45	60	3	1.11	<1.0	32	101	78	>5.00	<1	0.03	35
L6+00W	5+00S	Soil	<5	0.5	>5.00	54	56	7	0.62	<1.0	31	87	66	>5.00	<1	0.04	19
L6+00W	5+50S	Soil	<5	0.8	4.69	49	48	6	0.79	1.0	31	79	78	>5.00	<1	0.03	11
L6+00W	6+00S	Soil	<5	0.6	>5.00	53	45	7	0.53	<1.0	27	84	83	>5.00	<1	0.04	5
L6+00W	6+50S	Soil	<5	0.8	3.74	25	67	8	1.18	<1.0	32	134	41	>5.00	<1	0.06	7
L6+00W	7+00S	Soil	<5	0.6	2.54	17	72	7	0.64	<1.0	27	66	36	>5.00	<1	0.03	7
L6+00W	7+50S	Soil	<5	0.5	3.35	25	42	6	0.78	<1.0	33	77	49	>5.00	<1	0.04	7
L6+00W	8+00S	Soil	<5	0.9	4.56	51	45	6	0.91	2.0	34	94	61	>5.00	<1	0.04	9
L6+00W	8+50S	Soil	<5	1.6	4.07	40	255	<2	1.75	<1.0	41	94	85	>5.00	<1	0.06	8
L7+00W	0+00N	Soil	<5	0.5	>5.00	65	93	7	0.47	2.0	27	107	60	>5.00	<1	0.03	8
L7+00W	0+50N	Soil	<5	0.3	4.31	43	90	<2	0.34	<1.0	22	94	38	>5.00	<1	0.04	7
L7+00W	1+00N	Soil	<5	0.3	>5.00	57	79	<2	0.29	<1.0	24	73	163	>5.00	<1	0.05	11
L7+00W	1+50N	Soil	<5	0.5	4.63	47	82	<2	0.25	<1.0	31	115	66	>5.00	<1	0.06	6
L7+00W	2+00N	Soil	<5	0.9	>5.00	60	79	2	0.43	1.0	36	80	82	>5.00	<1	0.03	11
L7+00W	2+50N	Soil	<5	0.6	>5.00	59	45	6	0.49	<1.0	32	91	97	>5.00	<1	0.03	12
L7+00W	3+00N	Soil	<5	0.6	>5.00	63	47	5	0.50	<1.0	32	101	143	>5.00	<1	0.03	10
L7+00W	3+50N	Soil	<5	0.7	3.65	35	37	5	0.48	<1.0	28	79	67	>5.00	<1	0.03	9
L7+00W	4+00N	Soil	<5	0.6	>5.00	63	48	10	0.67	5.0	33	101	133	4.06	<1	0.03	13
L7+00W	4+50N	Soil	<5	0.5	>5.00	74	41	11	0.52	2.0	32	109	123	>5.00	<1	0.03	7
L7+00W	5+00N	Soil	<5	0.6	>5.00	55	47	7	0.46	<1.0	31	94	133	>5.00	<1	0.04	8
L7+00W	5+50N	Soil	<5	0.5	>5.00	58	57	7	0.52	<1.0	28	101	106	>5.00	<1	0.03	8
L7+00W	0+50S	Soil	<5	0.4	4.33	86	60	<2	0.34	<1.0	18	64	140	>5.00	<1	0.03	4
L7+00W	1+00S	Soil	<5	0.3	3.59	37	82	<2	0.28	<1.0	26	79	34	>5.00	<1	0.05	6
L7+00W	1+50S	Soil	<5	0.4	>5.00	58	64	10	0.51	4.0	30	100	80	>5.00	<1	0.03	11
L7+00W	2+00S	Soil	<5	0.6	>5.00	63	36	7	0.52	<1.0	33	104	107	>5.00	<1	0.03	11
L7+00W	2+50S	Soil	<5	0.4	4.72	38	42	7	0.48	<1.0	19	94	56	>5.00	<1	0.03	5
L7+00W	3+00S	Soil	<5	0.4	>5.00	60	45	5	0.42	<1.0	26	114	87	>5.00	<1	0.02	6
L7+00W	3+50S	Soil	10	0.5	>5.00	51	69	9	0.51	<1.0	35	91	68	>5.00	<1	0.04	17
L7+00W	4+00S	Soil	5	0.4	4.38	42	51	5	0.49	<1.0	25	83	64	>5.00	<1	0.03	8
L7+00W	4+50S	Soil	<5	0.6	>5.00	69	77	6	0.47	<1.0	28	103	97	>5.00	<1	0.03	12
L7+00W	5+00S	Soil	<5	0.3	>5.00	58	63	7	0.66	1.0	27	85	61	>5.00	<1	0.03	9
L7+00W	5+50S	Soil	10	0.7	>5.00	72	60	9	0.58	3.0	30	116	120	>5.00	<1	0.04	7
L7+00W	6+00S	Soil	<5	0.7	>5.00	90	98	7	0.60	1.0	33	104	171	>5.00	<1	0.04	8
L7+00W	6+50S	Soil	<5	0.7	3.43	36	106	<2	0.76	<1.0	30	64	47	>5.00	<1	0.04	10
L7+00W	7+00S	Soil	<5	0.7	4.88	55	115	9	1.28	3.0	37	172	64	>5.00	<1	0.04	14
L7+00W	7+50S	Soil	<5	0.5	3.24	33	51	2	0.56	<1.0	31	85	98	>5.00	<1	0.03	8
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 7 of 18 Section 2 of 2

Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L6+00W	3+00S	0.72	4067	1	0.02	37	0.07	32	16	27	<10	0.43	<10	186	<5	93	6
L6+00W	3+50S	0.54	755	4	0.01	28	0.06	35	9	19	<10	0.43	<10	195	<5	61	6
L6+00W	4+00S	0.74	465	3	0.02	39	0.06	38	12	21	<10	0.57	<10	213	<5	61	16
L6+00W	4+50S	0.82	1984	3	0.02	44	0.07	41	10	26	<10	0.46	<10	186	<5	72	8
L6+00W	5+00S	0.72	1226	4	0.02	46	0.09	43	12	22	<10	0.52	<10	203	<5	77	8
L6+00W	5+50S	0.86	1474	3	0.02	39	0.09	36	16	28	<10	0.49	<10	223	<5	65	8
L6+00W	6+00S	0.68	1012	3	0.02	33	0.10	44	11	21	<10	0.54	<10	221	<5	73	9
L6+00W	6+50S	0.90	4155	4	0.01	38	0.21	34	11	34	<10	0.49	<10	275	<5	100	7
L6+00W	7+00S	0.41	1626	3	0.01	22	0.06	26	7	25	<10	0.41	<10	187	<5	70	6
L6+00W	7+50S	0.60	1089	4	0.02	28	0.08	31	9	25	<10	0.51	<10	217	<5	73	8
L6+00W	8+00S	0.75	822	1	0.01	36	0.10	35	28	31	<10	0.61	<10	266	<5	86	11
L6+00W	8+50S	0.96	8248	2	0.02	48	0.14	38	10	44	<10	0.38	<10	176	<5	137	3
L7+00W	0+00N	0.71	857	2	0.01	44	0.06	43	29	21	<10	0.50	<10	227	<5	76	6
L7+00W	0+50N	0.68	748	3	0.01	36	0.06	33	7	17	<10	0.25	<10	182	<5	87	2
L7+00W	1+00N	0.61	930	3	0.01	40	0.06	35	10	17	<10	0.09	<10	190	<5	98	2
L7+00W	1+50N	1.61	1187	3	0.02	74	0.07	35	<5	14	<10	0.10	<10	158	<5	131	2
L7+00W	2+00N	0.48	2054	2	0.01	38	0.07	37	20	23	<10	0.44	<10	193	<5	139	10
L7+00W	2+50N	0.71	781	4	0.01	40	0.07	43	14	21	<10	0.52	<10	216	<5	78	12
L7+00W	3+00N	1.00	493	4	0.02	53	0.07	49	6	18	<10	0.45	<10	209	<5	80	21
L7+00W	3+50N	0.54	566	4	0.02	34	0.05	29	12	19	<10	0.49	<10	218	<5	93	8
L7+00W	4+00N	1.20	548	3	0.02	51	0.04	43	16	21	<10	0.45	<10	205	<5	76	20
L7+00W	4+50N	0.93	373	4	0.01	53	0.05	51	16	20	<10	0.50	<10	223	<5	63	17
L7+00W	5+00N	0.72	587	4	0.02	43	0.05	45	10	18	<10	0.44	<10	234	<5	70	12
L7+00W	5+50N	0.73	508	4	0.01	47	0.06	44	11	19	<10	0.51	<10	230	<5	58	13
L7+00W	0+50S	0.40	216	4	0.01	25	0.04	31	10	14	<10	0.33	<10	182	<5	45	6
L7+00W	1+00S	1.42	1228	2	0.02	32	0.03	23	8	16	<10	0.09	<10	156	<5	91	1
L7+00W	1+50S	0.58	572	2	0.01	36	0.06	49	15	22	<10	0.57	<10	252	<5	93	15
L7+00W	2+00S	0.77	468	3	0.01	41	0.06	45	16	21	<10	0.54	<10	249	<5	66	16
L7+00W	2+50S	0.51	552	3	0.01	23	0.12	39	8	17	<10	0.47	<10	231	<5	75	12
L7+00W	3+00S	0.61	275	5	0.01	40	0.04	45	11	20	<10	0.51	<10	232	<5	47	13
L7+00W	3+50S	0.55	1323	3	0.02	43	0.09	46	12	24	<10	0.54	<10	195	<5	99	13
L7+00W	4+00S	0.48	408	4	0.02	27	0.04	34	15	22	<10	0.53	<10	235	<5	49	15
L7+00W	4+50S	0.65	858	3	0.01	40	0.06	49	16	20	<10	0.54	<10	223	<5	68	20
L7+00W	5+00S	0.67	409	3	0.01	36	0.06	39	20	26	<10	0.60	<10	232	<5	52	10
L7+00W	5+50S	0.66	1461	2	0.01	43	0.10	50	23	23	<10	0.51	<10	252	<5	89	13
L7+00W	6+00S	1.21	889	2	0.01	55	0.08	56	30	26	<10	0.54	<10	261	<5	86	18
L7+00W	6+50S	0.43	3033	2	0.02	20	0.12	29	11	33	<10	0.22	<10	174	<5	153	2
L7+00W	7+00S	1.04	2138	2	0.02	57	0.08	41	24	35	<10	0.46	<10	212	<5	121	7
L7+00W	7+50S	0.52	1094	3	0.02	29	0.08	29	19	22	<10	0.32	<10	191	<5	60	4
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name		Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L7+00W	8+00S	Soil	5	0.3	2.76	12	49	2	0.70	<1.0	22	85	38	>5.00	<1	0.03	7
L8+00W	0+00	Soil	<5	0.6	>5.00	46	87	9	0.42	<1.0	36	75	92	>5.00	<1	0.04	11
L8+00W	0+50N	Soil	20	0.5	>5.00	70	50	3	0.38	<1.0	24	89	111	>5.00	<1	0.03	8
L8+00W	1+00N	Soil	<5	0.5	3.80	39	115	6	0.63	<1.0	25	57	59	>5.00	<1	0.04	9
L8+00W	1+50N	Soil	<5	0.7	>5.00	60	132	7	0.41	<1.0	45	81	128	>5.00	<1	0.04	9
L8+00W	2+00N	Soil	<5	0.5	2.82	33	76	9	0.57	2.0	25	54	30	4.17	<1	0.03	8
L8+00W	2+50N	Soil	<5	0.6	>5.00	56	48	6	0.46	<1.0	31	96	126	>5.00	<1	0.04	8
L8+00W	3+00N	Soil	10	0.4	>5.00	77	39	3	0.40	<1.0	26	100	188	>5.00	<1	0.04	10
L8+00W	3+50N	Soil	<5	0.8	>5.00	66	57	4	0.52	1.0	28	98	140	>5.00	<1	0.04	10
L8+00W	4+00N	Soil	5	0.4	>5.00	65	58	5	0.47	<1.0	31	92	131	>5.00	<1	0.03	8
L8+00W	4+50N	Soil	<5	0.4	>5.00	50	23	7	0.36	<1.0	20	99	105	>5.00	<1	0.03	7
L8+00W	5+00N	Soil	15	0.3	>5.00	61	31	6	0.46	<1.0	22	73	61	>5.00	<1	0.03	7
L8+00W	5+50N	Soil	5	0.5	>5.00	58	69	5	0.64	1.0	35	83	91	>5.00	<1	0.04	9
L8+00W	0+50S	Soil	20	0.5	>5.00	130	55	8	0.44	1.0	29	131	166	>5.00	<1	0.03	8
L8+00W	1+00S	Soil	5	<0.1	>5.00	56	97	3	0.47	<1.0	25	84	81	>5.00	<1	0.04	8
L8+00W	1+50S	Soil	20	0.2	3.90	39	88	3	0.33	<1.0	33	118	89	>5.00	<1	0.03	7
L8+00W	2+00S	Soil	10	0.2	2.37	17	68	5	0.44	<1.0	23	70	29	>5.00	<1	0.03	7
L8+00W	2+50S	Soil	15	0.4	>5.00	64	77	4	0.53	1.0	30	101	106	>5.00	<1	0.03	7
L8+00W	3+00S	Soil	<5	0.3	2.87	21	75	7	0.61	<1.0	29	108	32	>5.00	<1	0.03	8
L8+00W	3+50S	Soil	<5	0.8	4.03	35	67	4	0.46	<1.0	26	80	64	>5.00	<1	0.03	8
L8+00W	4+00S	Soil	<5	0.6	>5.00	87	70	5	0.45	1.0	27	101	102	>5.00	<1	0.03	9
L8+00W	4+50S	Soil	<5	0.5	>5.00	78	103	5	0.52	1.0	33	102	166	>5.00	<1	0.03	10
L8+00W	5+00S	Soil	<5	0.4	>5.00	60	71	3	0.50	<1.0	25	82	56	>5.00	<1	0.03	11
L8+00W	5+50S	Soil	<5	0.4	3.18	27	71	5	0.55	<1.0	35	70	35	>5.00	<1	0.03	8
L8+00W	6+00S	Soil	<5	0.3	4.72	48	53	9	0.46	<1.0	22	80	65	>5.00	<1	0.03	10
L8+00W	6+50S	Soil	<5	0.4	>5.00	150	46	9	0.34	1.0	26	128	156	>5.00	1	0.02	11
L8+00W	7+00S	Soil	<5	0.3	4.01	33	65	6	0.57	<1.0	29	96	87	>5.00	<1	0.04	8
L8+00W	7+50S	Soil	<5	0.5	>5.00	130	29	6	0.41	<1.0	29	128	157	>5.00	<1	0.02	14
L8+00W	8+00S	Soil	<5	0.7	3.34	34	70	9	0.72	<1.0	35	108	43	>5.00	<1	0.03	8
L10+00W	0+00	Soil	<5	0.4	>5.00	51	65	4	1.18	<1.0	33	116	156	>5.00	<1	0.03	12
L10+00W	0+50N	Soil	<5	0.6	>5.00	55	67	4	1.09	<1.0	33	103	127	>5.00	<1	0.04	13
L10+00W	1+00N	Soil	<5	0.4	>5.00	57	66	7	0.98	<1.0	33	94	176	>5.00	<1	0.03	13
L10+00W	1+50N	Soil	<5	0.5	>5.00	60	72	5	1.09	1.0	36	107	192	>5.00	<1	0.03	14
L10+00W	2+00N	Soil	<5	0.6	>5.00	59	95	6	1.25	1.0	39	113	138	>5.00	<1	0.05	12
L10+00W	2+50N	Soil	<5	0.6	>5.00	52	91	5	1.10	<1.0	37	109	132	>5.00	<1	0.05	12
L10+00W	3+00N	Soil	<5	0.2	>5.00	59	73	5	1.29	<1.0	36	109	165	>5.00	<1	0.03	13
L10+00W	3+50N	Soil	<5	0.6	3.47	66	114	7	0.65	<1.0	29	54	51	>5.00	<1	0.04	8
L10+00W	4+00N	Soil	<5	0.5	2.88	56	116	8	0.60	1.0	27	47	40	4.41	<1	0.03	7
L10+00W	4+50N	Soil	<5	0.3	>5.00	52	55	<2	0.48	1.0	32	54	206	>5.00	<1	0.06	8
Minimum Detection			5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection			10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method			GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 8 of 18 Section 2 of 2

Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L7+00W	8+00S	0.50	487	5	<0.01	25	0.06	28	9	21	<10	0.57	<10	214	<5	71	13
L8+00W	0+00	0.68	1721	4	<0.01	38	0.07	42	12	19	<10	0.62	<10	226	<5	110	17
L8+00W	0+50N	0.63	461	3	<0.01	34	0.06	55	11	19	<10	0.50	<10	216	<5	90	19
L8+00W	1+00N	0.42	1676	2	0.01	24	0.07	31	17	35	<10	0.51	<10	212	<5	115	12
L8+00W	1+50N	1.27	1902	5	<0.01	47	0.16	55	12	24	<10	0.59	<10	265	<5	159	9
L8+00W	2+00N	0.38	1632	2	0.01	21	0.08	29	12	23	<10	0.52	<10	146	<5	86	5
L8+00W	2+50N	0.74	901	4	<0.01	38	0.13	51	13	19	<10	0.58	<10	268	<5	93	16
L8+00W	3+00N	0.97	551	3	<0.01	43	0.17	54	12	14	<10	0.44	<10	198	<5	157	23
L8+00W	3+50N	0.94	1434	4	<0.01	43	0.12	51	13	17	<10	0.51	<10	232	<5	89	17
L8+00W	4+00N	0.82	908	3	<0.01	51	0.08	48	16	17	<10	0.44	<10	209	<5	81	15
L8+00W	4+50N	0.41	267	4	<0.01	23	0.15	47	17	15	<10	0.57	<10	302	<5	71	20
L8+00W	5+00N	0.41	520	3	<0.01	21	0.06	49	16	19	<10	0.65	<10	202	<5	51	18
L8+00W	5+50N	0.73	1205	3	0.01	40	0.06	44	14	23	<10	0.58	<10	195	<5	76	12
L8+00W	0+50S	0.88	441	4	<0.01	46	0.07	59	17	17	<10	0.57	<10	253	<5	61	34
L8+00W	1+00S	0.62	867	4	0.01	35	0.07	45	8	21	<10	0.43	<10	190	<5	62	11
L8+00W	1+50S	1.29	898	3	<0.01	45	0.07	33	8	14	<10	0.13	<10	214	<5	97	4
L8+00W	2+00S	0.50	686	3	0.01	24	0.05	24	8	20	<10	0.33	<10	171	<5	71	6
L8+00W	2+50S	0.89	1001	3	<0.01	39	0.06	48	12	26	<10	0.50	<10	187	<5	72	9
L8+00W	3+00S	0.71	1301	3	0.01	29	0.06	30	11	26	<10	0.58	<10	208	<5	112	10
L8+00W	3+50S	0.44	3645	3	<0.01	25	0.12	36	10	17	<10	0.44	<10	195	<5	82	8
L8+00W	4+00S	0.67	1281	3	<0.01	40	0.09	61	18	21	<10	0.50	<10	186	<5	88	8
L8+00W	4+50S	0.66	1322	3	<0.01	53	0.14	58	16	20	<10	0.52	<10	232	<5	95	16
L8+00W	5+00S	0.57	666	3	<0.01	31	0.10	46	14	21	<10	0.52	<10	193	<5	76	9
L8+00W	5+50S	0.42	1002	3	0.01	25	0.06	33	9	25	<10	0.47	<10	188	<5	113	7
L8+00W	6+00S	0.46	492	3	0.01	26	0.06	40	12	20	<10	0.48	<10	205	<5	73	14
L8+00W	6+50S	0.65	337	5	<0.01	38	0.08	63	12	16	<10	0.55	<10	241	<5	61	23
L8+00W	7+00S	0.54	1257	4	0.01	37	0.06	36	53	17	<10	0.38	<10	213	<5	73	12
L8+00W	7+50S	0.99	294	4	<0.01	49	0.05	57	15	16	<10	0.56	<10	248	<5	56	28
L8+00W	8+00S	1.27	1043	2	0.01	36	0.06	32	15	30	<10	0.57	<10	190	<5	65	7
L10+00W	0+00	1.45	1070	4	0.02	52	0.05	43	9	29	<10	0.46	<10	204	<5	65	21
L10+00W	0+50N	1.13	864	3	0.01	49	0.06	43	14	26	<10	0.48	<10	217	<5	70	19
L10+00W	1+00N	1.12	960	4	0.01	49	0.09	45	9	24	<10	0.50	<10	227	<5	66	14
L10+00W	1+50N	1.20	1307	3	0.01	58	0.09	46	14	27	<10	0.51	<10	239	<5	73	11
L10+00W	2+00N	1.67	1643	3	0.01	57	0.09	46	19	36	<10	0.55	<10	247	<5	91	16
L10+00W	2+50N	1.42	1266	5	0.02	51	0.08	46	11	34	<10	0.53	<10	238	<5	78	16
L10+00W	3+00N	1.62	824	4	0.02	61	0.04	43	12	27	<10	0.45	<10	217	<5	61	29
L10+00W	3+50N	0.56	2315	3	0.01	27	0.11	32	11	24	<10	0.45	<10	159	<5	122	4
L10+00W	4+00N	0.49	2434	2	0.01	23	0.10	37	8	22	<10	0.41	<10	142	<5	123	3
L10+00W	4+50N	0.93	1092	3	<0.01	36	0.06	43	13	27	<10	0.29	<10	228	<5	107	7
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 9 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L10+00W 5+00N	Soil	<5	0.2	>5.00	75	67	3	0.57	1.0	37	55	244	>5.00	<1	0.06	4
L10+00W 5+50N	Soil	<5	0.3	4.50	37	59	6	0.57	<1.0	25	73	70	>5.00	<1	0.03	7
L10+00W 6+00N	Soil	<5	0.4	>5.00	71	52	7	0.59	1.0	35	101	186	>5.00	<1	0.03	9
L10+00W 6+50N	Soil	<5	0.6	>5.00	67	38	6	0.65	1.0	30	91	124	>5.00	<1	0.03	9
L10+00W 7+00N	Soil	20	0.3	>5.00	63	39	5	0.60	<1.0	28	89	115	>5.00	<1	0.02	8
L10+00W 0+50S	Soil	<5	0.5	>5.00	52	57	5	0.77	<1.0	35	155	128	>5.00	<1	0.03	11
L10+00W 1+00S	Soil	10	0.5	>5.00	58	54	7	0.80	<1.0	35	155	117	>5.00	<1	0.04	11
L10+00W 1+50S	Soil	<5	0.6	4.34	36	39	5	0.69	<1.0	34	103	151	>5.00	<1	0.03	10
L10+00W 2+00S	Soil	40	0.7	>5.00	49	47	2	0.70	1.0	39	117	177	>5.00	<1	0.03	12
L10+00W 2+50S	Soil	<5	0.5	>5.00	56	96	4	0.81	<1.0	43	146	174	>5.00	<1	0.03	20
L10+00W 3+00S	Soil	20	0.7	>5.00	60	97	2	0.85	<1.0	44	147	178	>5.00	<1	0.03	21
L10+00W 3+50S	Soil	5	0.7	>5.00	81	111	5	0.96	3.0	50	166	199	>5.00	<1	0.04	24
L10+00W 4+00S	Soil	<5	0.7	>5.00	69	123	<2	1.05	1.0	37	148	133	>5.00	<1	0.03	11
L10+00W 4+50S	Soil	<5	0.3	>5.00	62	106	3	0.98	<1.0	37	160	133	>5.00	<1	0.03	11
L10+00W 5+00S	Soil	<5	0.5	>5.00	66	108	5	1.02	<1.0	37	154	122	>5.00	<1	0.03	10
L10+00W 5+50S	Soil	20	0.3	>5.00	50	53	5	0.65	<1.0	30	109	138	>5.00	<1	0.02	10
L10+00W 6+00S	Soil	<5	0.4	>5.00	60	53	2	0.68	<1.0	31	119	155	>5.00	<1	0.02	11
L10+00W 6+50S	Soil	25	0.4	>5.00	57	48	5	0.77	1.0	32	104	148	>5.00	<1	0.03	10
L10+00W 7+00S	Soil	10	0.4	>5.00	49	43	4	0.69	<1.0	30	102	140	>5.00	<1	0.02	9
L10+00W 7+50S	Soil	30	0.4	>5.00	63	45	5	0.69	<1.0	31	111	148	>5.00	<1	0.02	10
L10+00W 8+00S	Soil	40	0.6	>5.00	72	53	4	0.73	<1.0	32	120	167	>5.00	<1	0.03	14
L10+00W 8+50S	Soil	<5	0.6	>5.00	73	53	<2	0.93	<1.0	33	125	171	>5.00	<1	0.03	14
L12+00W 2+00N	Soil	20	<0.1	3.13	25	77	<2	0.53	<1.0	27	52	88	>5.00	<1	0.03	8
L12+00W 2+50N	Soil	30	<0.1	>5.00	62	109	<2	0.48	1.0	30	65	136	>5.00	<1	0.05	7
L12+00W 3+00N	Soil	20	0.5	>5.00	130	43	5	0.44	2.0	27	113	100	>5.00	<1	0.03	8
L12+00W 3+50N	Soil	20	0.4	>5.00	61	66	3	0.59	2.0	28	70	69	>5.00	<1	0.04	10
L12+00W 4+00N	Soil	30	0.6	4.54	45	41	5	0.61	1.0	33	92	100	>5.00	<1	0.03	10
L12+00W 4+50N	Soil	20	0.3	4.55	52	45	3	0.49	<1.0	24	68	55	>5.00	<1	0.03	5
L12+00W 5+00N	Soil	30	0.4	4.77	41	37	3	0.44	1.0	33	112	126	>5.00	<1	0.02	11
L12+00W 5+50N	Soil	<5	0.3	>5.00	72	51	2	0.44	2.0	37	82	123	>5.00	<1	0.03	8
L12+00W 6+00N	Soil	10	0.4	>5.00	65	66	3	0.55	1.0	33	86	150	>5.00	<1	0.04	14
L12+00W 6+50N	Soil	<5	0.3	>5.00	73	54	6	0.57	1.0	28	85	132	>5.00	<1	0.03	10
L12+00W 7+00N	Soil	15	0.4	4.27	46	83	7	0.53	<1.0	23	57	56	>5.00	<1	0.03	6
L14+00W 0+00	Soil	5	0.2	4.64	46	43	6	0.40	<1.0	22	60	86	>5.00	<1	0.03	6
L14+00W 0+50N	Soil	5	0.8	4.87	50	90	2	0.59	<1.0	29	62	65	>5.00	<1	0.05	10
L14+00W 1+00N	Soil	5	0.4	3.92	41	89	3	0.44	<1.0	22	44	64	>5.00	<1	0.04	8
L14+00W 1+50N	Soil	<5	0.3	2.65	18	58	5	0.47	<1.0	23	58	55	>5.00	<1	0.03	10
L14+00W 2+00N	Soil	<5	<0.1	3.50	33	50	3	0.34	<1.0	20	49	81	>5.00	<1	0.02	7
L14+00W 2+50N	Soil	5	0.2	4.17	37	67	2	0.22	<1.0	24	64	90	>5.00	<1	0.03	8
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L10+00W 5+00N	0.98	1513	4	<0.01	39	0.07	45	11	30	<10	0.31	<10	264	<5	128	8
L10+00W 5+50N	0.59	493	3	0.01	32	0.05	35	8	21	<10	0.48	<10	216	<5	64	14
L10+00W 6+00N	1.25	425	3	0.01	56	0.04	50	17	21	<10	0.58	<10	250	<5	66	29
L10+00W 6+50N	0.97	564	3	0.01	40	0.07	50	16	18	<10	0.58	<10	244	<5	60	28
L10+00W 7+00N	0.88	565	5	0.01	36	0.06	49	10	18	<10	0.56	<10	236	<5	58	26
L10+00W 0+50S	0.86	796	3	0.01	53	0.05	46	14	23	<10	0.55	<10	241	<5	87	20
L10+00W 1+00S	0.79	799	3	0.01	53	0.06	45	20	24	<10	0.58	<10	251	<5	78	18
L10+00W 1+50S	0.78	959	4	0.01	42	0.05	36	13	22	<10	0.52	<10	256	<5	74	15
L10+00W 2+00S	0.79	1116	3	<0.01	47	0.07	41	21	23	<10	0.60	<10	283	<5	83	16
L10+00W 2+50S	1.26	1701	5	0.01	62	0.07	48	11	21	<10	0.44	<10	233	<5	96	11
L10+00W 3+00S	1.39	2036	5	0.01	63	0.07	48	16	23	<10	0.45	<10	237	<5	100	10
L10+00W 3+50S	1.51	2036	3	0.01	74	0.08	54	32	26	<10	0.53	<10	271	<5	114	14
L10+00W 4+00S	1.63	995	3	0.01	65	0.04	47	19	32	<10	0.51	<10	227	<5	68	23
L10+00W 4+50S	1.73	1110	4	0.01	65	0.04	43	14	27	<10	0.46	<10	229	<5	69	19
L10+00W 5+00S	1.64	1036	2	0.01	67	0.04	42	20	28	<10	0.50	<10	233	<5	72	20
L10+00W 5+50S	1.15	692	4	0.01	43	0.06	41	9	16	<10	0.51	<10	211	<5	56	25
L10+00W 6+00S	1.23	647	4	0.01	46	0.07	44	14	17	<10	0.54	<10	224	<5	57	29
L10+00W 6+50S	1.38	681	3	0.01	49	0.06	41	16	18	<10	0.53	<10	220	<5	60	29
L10+00W 7+00S	1.34	616	3	0.01	46	0.05	38	11	16	<10	0.49	<10	210	<5	56	27
L10+00W 7+50S	1.33	586	3	0.01	48	0.06	40	18	16	<10	0.52	<10	219	<5	57	29
L10+00W 8+00S	1.28	679	5	0.01	47	0.08	53	15	19	<10	0.56	<10	235	<5	60	33
L10+00W 8+50S	1.49	773	3	0.01	52	0.07	43	22	19	<10	0.52	<10	224	<5	60	31
L12+00W 2+00N	0.71	1245	4	0.01	30	0.06	27	10	20	<10	0.23	<10	206	<5	106	4
L12+00W 2+50N	1.03	1151	4	<0.01	38	0.08	47	17	21	<10	0.16	<10	279	<5	107	2
L12+00W 3+00N	0.64	470	2	<0.01	32	0.08	57	24	17	<10	0.49	<10	259	<5	73	23
L12+00W 3+50N	0.67	1093	2	0.01	31	0.07	42	18	22	<10	0.48	<10	204	<5	95	9
L12+00W 4+00N	0.80	592	3	0.01	41	0.05	39	14	18	<10	0.56	<10	234	<5	90	16
L12+00W 4+50N	0.49	467	2	0.01	31	0.06	37	15	16	<10	0.46	<10	185	<5	75	7
L12+00W 5+00N	1.05	769	4	<0.01	38	0.06	39	15	15	<10	0.38	<10	278	<5	79	7
L12+00W 5+50N	0.91	686	2	<0.01	44	0.06	48	26	19	<10	0.54	<10	290	<5	77	16
L12+00W 6+00N	0.76	1171	2	<0.01	43	0.08	48	23	26	<10	0.53	<10	283	<5	87	20
L12+00W 6+50N	0.63	556	3	0.01	38	0.07	48	20	25	<10	0.51	<10	239	<5	74	22
L12+00W 7+00N	0.37	2105	3	0.01	25	0.18	37	9	20	<10	0.43	<10	169	<5	120	6
L14+00W 0+00	0.69	1075	4	0.02	28	0.09	37	6	16	<10	0.35	<10	191	<5	74	8
L14+00W 0+50N	0.70	2618	3	0.01	38	0.12	40	11	22	<10	0.44	<10	187	<5	104	4
L14+00W 1+00N	0.68	1803	3	0.01	23	0.15	35	6	19	<10	0.28	<10	160	<5	109	2
L14+00W 1+50N	0.29	973	3	0.01	18	0.07	27	8	17	<10	0.36	<10	200	<5	77	3
L14+00W 2+00N	0.62	645	3	0.01	22	0.13	31	5	13	<10	0.23	<10	165	<5	98	3
L14+00W 2+50N	0.75	729	4	0.01	27	0.09	37	7	12	<10	0.28	<10	223	<5	96	2
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 10 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L14+00W 3+00N	Soil	20	0.3	4.22	89	89	2	0.20	<1.0	22	56	70	>5.00	<1	0.04	5
L14+00W 3+50N	Soil	10	0.5	3.54	39	62	4	0.49	<1.0	20	61	58	>5.00	<1	0.04	8
L14+00W 4+00N	Soil	5	0.4	>5.00	54	49	7	0.46	<1.0	23	90	76	>5.00	<1	0.04	6
L14+00W 4+50N	Soil	5	0.4	>5.00	53	63	4	0.46	<1.0	21	83	88	>5.00	<1	0.03	7
L14+00W 5+00N	Soil	5	0.3	>5.00	54	41	5	0.61	<1.0	28	81	84	>5.00	<1	0.03	7
L14+00W 5+50N	Soil	15	0.3	4.65	44	46	6	0.54	<1.0	26	72	92	>5.00	<1	0.04	7
L14+00W 6+00N	Soil	<5	0.9	>5.00	42	109	6	0.70	<1.0	36	72	97	>5.00	<1	0.05	10
L14+00W 6+50N	Soil	10	0.2	>5.00	50	76	<2	1.56	<1.0	30	92	169	>5.00	<1	0.04	16
L14+00W 7+00N	Soil	<5	0.3	3.33	28	69	5	0.64	<1.0	29	60	74	>5.00	<1	0.03	7
L14+00W 7+50N	Soil	25	0.3	>5.00	53	51	9	0.67	<1.0	35	93	139	>5.00	<1	0.04	10
L14+00W 8+00N	Soil	15	0.3	>5.00	52	168	<2	0.76	1.0	41	96	183	>5.00	<1	0.05	30
L14+00W 8+50N	Soil	5	0.2	>5.00	45	99	<2	0.33	<1.0	35	63	175	>5.00	<1	0.05	15
L14+00W 0+50S	Soil	<5	0.3	4.29	41	58	10	0.41	<1.0	31	59	64	>5.00	<1	0.03	9
L14+00W 1+00S	Soil	5	<0.1	3.52	32	64	2	0.38	<1.0	22	37	63	>5.00	<1	0.04	10
L14+00W 1+50S	Soil	20	<0.1	>5.00	65	78	<2	0.37	<1.0	37	44	132	>5.00	<1	0.06	14
L14+00W 2+00S	Soil	<5	0.3	4.60	51	50	2	0.47	<1.0	26	71	83	>5.00	<1	0.04	8
L14+00W 2+50S	Soil	<5	0.3	>5.00	63	54	7	0.46	1.0	26	78	80	>5.00	<1	0.04	8
L14+00W 3+00S	Soil	10	<0.1	>5.00	53	51	4	0.39	<1.0	23	79	104	>5.00	<1	0.03	11
L14+00W 3+50S	Soil	5	0.3	2.89	38	87	2	0.26	1.0	12	26	25	3.11	<1	0.04	14
L14+00W 4+00S	Soil	<5	<0.1	>5.00	72	97	4	0.32	<1.0	24	77	78	>5.00	<1	0.05	24
L14+00W 4+50S	Soil	10	0.4	>5.00	69	83	5	0.40	1.0	23	92	72	>5.00	<1	0.05	9
L14+00W 5+00S	Soil	<5	0.4	>5.00	82	87	7	0.42	1.0	27	104	98	>5.00	<1	0.05	11
L14+00W 5+50S	Soil	<5	0.2	>5.00	81	89	4	0.40	1.0	25	79	105	>5.00	<1	0.05	12
L16+00W 0+00	Soil	5	0.2	2.30	39	77	<2	0.05	1.0	5	4	12	1.85	<1	0.09	72
L16+00W 0+50N	Soil	<5	<0.1	3.63	44	94	2	0.24	1.0	10	26	28	3.47	<1	0.05	18
L16+00W 1+00N	Soil	70	0.2	4.70	58	42	4	0.29	2.0	16	48	70	4.04	<1	0.03	10
L16+00W 1+50N	Soil	20	1.2	>5.00	114	132	<2	0.65	1.0	31	59	99	>5.00	<1	0.04	37
L16+00W 2+00N	Soil	10	0.3	3.59	39	43	2	0.33	<1.0	16	49	60	>5.00	<1	0.02	8
L16+00W 2+50N	Soil	<5	0.2	>5.00	57	55	2	0.37	<1.0	25	77	134	>5.00	<1	0.03	10
L16+00W 3+00N	Soil	<5	0.4	3.09	38	37	3	0.32	1.0	19	45	58	4.21	<1	0.02	9
L16+00W 3+50N	Soil	10	0.3	4.62	41	81	<2	0.34	<1.0	25	71	90	>5.00	<1	0.02	10
L16+00W 4+00N	Soil	<5	0.2	4.19	52	63	<2	0.22	<1.0	22	105	199	>5.00	<1	0.02	5
L16+00W 4+50N	Soil	10	0.2	>5.00	55	94	<2	0.52	<1.0	24	57	111	>5.00	<1	0.03	13
L16+00W 5+00N	Soil	20	0.2	4.60	59	101	2	0.31	1.0	15	31	34	4.34	<1	0.04	7
L16+00W 5+50N	Soil	20	0.4	4.45	101	85	6	0.40	<1.0	24	49	220	>5.00	<1	0.06	15
L16+00W 6+50N	Soil	<5	0.6	>5.00	55	159	<2	0.68	<1.0	27	58	174	>5.00	<1	0.07	11
L16+00W 7+00N	Soil	10	0.5	>5.00	54	61	<2	0.33	<1.0	26	65	169	>5.00	<1	0.03	9
L16+00W 7+50N	Soil	<5	0.5	3.15	38	85	<2	0.48	<1.0	26	50	58	>5.00	<1	0.02	7
L16+00W 8+00N	Soil	10	0.2	4.26	45	91	3	0.50	<1.0	26	61	64	>5.00	<1	0.03	14
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 10 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L14+00W 3+00N	0.67	735	3	<0.01	16	0.08	35	8	11	<10	0.13	<10	255	<5	97	1
L14+00W 3+50N	0.65	1047	3	0.01	24	0.08	32	10	20	<10	0.23	<10	156	<5	94	3
L14+00W 4+00N	0.76	761	3	0.01	29	0.11	43	12	17	<10	0.40	<10	206	<5	78	7
L14+00W 4+50N	0.63	2020	4	0.01	26	0.13	45	9	18	<10	0.36	<10	210	<5	74	4
L14+00W 5+00N	0.86	744	3	0.01	36	0.06	43	12	19	<10	0.53	<10	220	<5	72	7
L14+00W 5+50N	0.76	1051	4	0.01	29	0.14	40	8	20	<10	0.50	<10	222	<5	84	6
L14+00W 6+00N	0.90	3825	4	0.01	39	0.13	42	6	27	<10	0.50	<10	210	<5	223	4
L14+00W 6+50N	1.11	1212	4	0.01	44	0.06	40	10	32	<10	0.28	<10	218	<5	119	8
L14+00W 7+00N	0.73	1334	3	0.01	30	0.06	31	10	22	<10	0.49	<10	220	<5	95	10
L14+00W 7+50N	0.80	720	4	0.01	39	0.08	50	19	25	<10	0.68	<10	344	<5	107	20
L14+00W 8+00N	1.01	3048	7	<0.01	78	0.06	47	12	20	<10	0.17	<10	260	<5	1965	3
L14+00W 8+50N	1.39	1030	5	<0.01	44	0.06	38	<5	10	<10	0.01	<10	232	<5	451	<1
L14+00W 0+50S	0.44	2045	1	0.01	26	0.10	33	11	19	<10	0.40	<10	191	<5	105	4
L14+00W 1+00S	0.55	425	3	0.01	19	0.03	30	8	25	<10	0.26	<10	198	<5	70	9
L14+00W 1+50S	1.16	678	5	<0.01	29	0.06	64	8	21	<10	0.12	<10	241	<5	112	7
L14+00W 2+00S	0.88	863	3	0.01	30	0.08	38	11	19	<10	0.38	<10	168	<5	75	6
L14+00W 2+50S	0.83	578	3	0.01	32	0.07	46	13	19	<10	0.41	<10	209	<5	94	11
L14+00W 3+00S	0.54	259	5	0.01	29	0.03	44	7	17	<10	0.31	<10	193	<5	58	10
L14+00W 3+50S	0.35	797	1	0.01	10	0.03	27	<5	16	<10	0.01	<10	88	<5	74	<1
L14+00W 4+00S	0.57	306	8	<0.01	30	0.03	54	12	17	<10	0.16	<10	225	<5	70	10
L14+00W 4+50S	0.50	1740	5	<0.01	28	0.18	56	14	19	<10	0.40	<10	229	<5	126	8
L14+00W 5+00S	0.81	496	5	0.01	39	0.07	60	17	19	<10	0.47	<10	237	<5	79	11
L14+00W 5+50S	0.54	1039	4	0.01	27	0.13	56	15	18	<10	0.30	<10	192	<5	88	13
L16+00W 0+00	0.23	371	2	0.01	3	0.04	20	<5	4	<10	<0.01	<10	47	<5	40	<1
L16+00W 0+50N	0.30	384	1	0.01	10	0.05	30	<5	14	<10	0.06	<10	96	<5	91	2
L16+00W 1+00N	0.42	523	3	0.01	16	0.07	38	6	14	<10	0.23	<10	129	<5	78	4
L16+00W 1+50N	0.58	4241	4	0.01	48	0.11	50	7	20	<10	0.20	<10	106	<5	775	2
L16+00W 2+00N	0.44	556	3	0.01	18	0.06	25	8	16	<10	0.25	<10	155	<5	134	3
L16+00W 2+50N	1.09	856	4	<0.01	37	0.07	36	9	16	<10	0.33	<10	177	<5	92	8
L16+00W 3+00N	0.46	779	2	0.01	17	0.08	29	7	16	<10	0.23	<10	133	<5	94	3
L16+00W 3+50N	0.70	591	6	0.01	29	0.07	35	<5	14	<10	0.18	<10	225	<5	144	<1
L16+00W 4+00N	0.84	874	2	<0.01	42	0.05	23	10	18	<10	0.07	<10	153	<5	148	<1
L16+00W 4+50N	1.01	713	4	0.01	29	0.07	40	<5	22	<10	0.22	<10	159	<5	85	3
L16+00W 5+00N	0.63	401	3	0.01	14	0.04	35	5	23	<10	0.08	<10	140	<5	219	<1
L16+00W 5+50N	0.98	759	6	0.01	22	0.05	35	<5	17	<10	0.08	<10	148	<5	438	<1
L16+00W 6+50N	1.21	1951	3	0.01	38	0.07	32	11	195	<10	0.29	<10	184	<5	82	4
L16+00W 7+00N	1.11	1101	4	<0.01	38	0.07	34	11	15	<10	0.20	<10	200	<5	103	<1
L16+00W 7+50N	0.58	895	2	<0.01	24	0.05	22	11	16	<10	0.33	<10	162	<5	293	2
L16+00W 8+00N	0.51	619	3	0.01	35	0.04	27	13	16	<10	0.34	<10	194	<5	65	5
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L16+00W 8+50N	Soil	<5	0.2	>5.00	150	63	6	0.70	2.0	36	76	197	>5.00	3	0.03	6
L16+00W Silt-01	Silt	<5	<0.1	4.59	54	65	4	1.45	<1.0	37	81	158	>5.00	<1	0.06	12
L16+00W 0+50S	Soil	5	<0.1	>5.00	78	119	<2	0.38	<1.0	22	71	101	>5.00	<1	0.04	12
L16+00W 1+00S	Soil	5	0.3	>5.00	72	113	<2	0.40	<1.0	23	76	103	>5.00	<1	0.04	12
L16+00W 1+50S	Soil	15	0.2	>5.00	61	44	<2	0.27	<1.0	28	70	120	>5.00	<1	0.03	14
L16+00W 2+00S	Soil	5	0.2	4.09	32	69	<2	0.46	<1.0	22	64	56	>5.00	<1	0.05	9
L16+00W 2+50S	Soil	5	0.3	4.31	45	77	2	0.38	<1.0	17	59	63	>5.00	<1	0.03	8
L16+00W 3+00S	Soil	<5	0.1	4.43	44	85	<2	0.39	<1.0	18	64	95	>5.00	<1	0.04	15
L16+00W 3+50S	Soil	<5	0.2	4.71	54	82	<2	0.45	<1.0	25	70	99	>5.00	<1	0.05	15
L16+00W 4+00S	Soil	<5	<0.1	>5.00	72	66	<2	0.33	<1.0	21	101	104	>5.00	<1	0.04	16
L16+00W 4+50S	Soil	<5	0.4	>5.00	77	67	<2	0.36	<1.0	22	105	135	>5.00	<1	0.04	17
L16+00W 5+00S	Soil	15	0.4	>5.00	98	80	<2	1.21	<1.0	30	115	206	>5.00	<1	0.04	30
L18+00W 0+00	Soil	<5	0.5	>5.00	82	31	<2	0.31	<1.0	16	72	84	>5.00	<1	0.03	8
L18+00W 0+50N	Soil	<5	<0.1	>5.00	54	41	2	0.38	<1.0	18	62	222	>5.00	<1	0.03	10
L18+00W 1+00N	Soil	5	<0.1	>5.00	55	85	<2	0.07	<1.0	22	24	162	>5.00	<1	0.07	12
L18+00W 1+50N	Soil	<5	2.9	>5.00	62	148	<2	1.23	<1.0	130	55	232	>5.00	<1	0.04	55
L18+00W 2+00N	Soil	<5	0.2	>5.00	60	50	<2	0.31	<1.0	17	71	164	>5.00	<1	0.03	10
L18+00W 2+50N	Soil	<5	<0.1	4.43	41	44	4	0.31	<1.0	14	60	54	>5.00	<1	0.03	9
L18+00W 3+00N	Soil	5	<0.1	>5.00	51	41	3	0.37	<1.0	21	69	182	>5.00	<1	0.02	15
L18+00W 3+50N	Soil	5	0.3	>5.00	58	81	<2	0.40	<1.0	24	65	137	>5.00	<1	0.06	17
L18+00W 4+00N	Soil	<5	0.2	>5.00	80	103	<2	0.44	<1.0	23	56	146	>5.00	<1	0.05	22
L18+00W 4+50N	Soil	<5	0.1	>5.00	64	51	<2	0.31	<1.0	18	66	87	>5.00	<1	0.04	10
L18+00W 5+00N	Soil	5	<0.1	3.35	50	75	<2	0.14	1.0	8	12	18	2.57	<1	0.07	19
L18+00W 5+50N	Soil	<5	<0.1	2.33	35	36	<2	0.13	1.0	4	14	29	2.54	<1	0.03	31
L18+00W 6+00N	Soil	20	<0.1	3.34	50	33	2	0.23	1.0	11	56	47	3.82	<1	0.04	10
L18+00W 6+50N	Soil	10	0.4	4.91	51	54	<2	0.29	<1.0	21	132	160	>5.00	<1	0.04	7
L18+00W 7+00N	Soil	25	0.3	4.28	39	39	<2	0.40	<1.0	22	59	95	>5.00	<1	0.03	6
L18+00W 7+50N	Soil	25	0.2	>5.00	66	109	<2	0.47	<1.0	27	73	175	>5.00	<1	0.05	11
L18+00W 8+00N	Soil	25	0.1	2.65	33	87	<2	2.00	1.0	19	89	52	4.02	<1	0.03	16
L18+00W 8+50N	Soil	5	<0.1	>5.00	68	56	4	0.35	<1.0	23	72	143	>5.00	<1	0.04	13
L18+00W 9+00N	Soil	5	0.2	>5.00	66	68	10	0.52	<1.0	28	80	102	>5.00	<1	0.03	9
L18+00W Silt-02	Silt	25	0.2	4.62	52	63	4	1.67	2.0	41	75	155	>5.00	<1	0.06	14
L18+00W 0+50S	Soil	15	0.3	>5.00	106	51	8	0.42	<1.0	39	103	149	>5.00	2	0.03	18
L18+00W 1+00S	Soil	5	0.6	>5.00	110	49	7	0.34	1.0	23	88	169	>5.00	<1	0.05	9
L18+00W 1+50S	Soil	40	0.6	4.59	81	64	9	0.61	<1.0	43	56	60	>5.00	<1	0.04	19
L18+00W 2+00S	Soil	20	0.3	>5.00	151	73	4	0.38	1.0	27	70	113	>5.00	2	0.06	11
L18+00W 2+50S	Soil	5	0.5	>5.00	56	50	8	0.32	<1.0	21	69	99	>5.00	<1	0.06	9
L18+00W 3+00S	Soil	25	0.6	3.89	38	47	4	0.40	<1.0	23	68	71	>5.00	<1	0.03	8
L18+00W 3+50S	Soil	10	1.1	>5.00	81	149	<2	2.81	6.0	37	114	245	>5.00	4	0.05	80
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 11 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L16+00W 8+50N	1.14	918	5	0.01	52	0.06	47	76	20	<10	0.43	<10	212	<5	95	12
L16+00W Silt-01	2.51	1258	5	0.02	59	0.06	37	19	41	<10	0.33	<10	203	<5	106	15
L16+00W 0+50S	0.92	844	4	<0.01	39	0.05	48	<5	18	<10	0.23	<10	168	<5	75	4
L16+00W 1+00S	0.97	777	4	<0.01	40	0.04	52	<5	18	<10	0.25	<10	174	<5	74	5
L16+00W 1+50S	0.26	293	3	<0.01	24	0.07	37	8	12	<10	0.28	<10	146	<5	134	8
L16+00W 2+00S	0.56	566	4	0.01	19	0.10	32	7	26	<10	0.34	<10	192	<5	102	6
L16+00W 2+50S	0.49	638	3	<0.01	22	0.06	29	10	17	<10	0.33	<10	177	<5	72	6
L16+00W 3+00S	0.54	370	6	0.01	23	0.08	34	8	19	<10	0.33	<10	184	<5	97	<1
L16+00W 3+50S	0.80	476	3	0.01	30	0.03	33	11	22	<10	0.31	<10	188	<5	77	8
L16+00W 4+00S	0.54	253	6	<0.01	26	0.06	43	22	15	<10	0.34	<10	254	<5	61	15
L16+00W 4+50S	0.62	335	5	<0.01	29	0.05	41	21	15	<10	0.31	<10	230	<5	58	13
L16+00W 5+00S	0.90	963	4	0.01	38	0.06	48	13	40	<10	0.19	<10	168	<5	57	<1
L18+00W 0+00	0.62	329	1	<0.01	25	0.06	41	18	16	<10	0.30	<10	153	<5	57	11
L18+00W 0+50N	0.48	376	4	<0.01	20	0.07	42	6	20	<10	0.34	<10	175	<5	82	9
L18+00W 1+00N	1.08	518	4	<0.01	17	0.05	33	<5	5	<10	<0.01	<10	148	<5	106	<1
L18+00W 1+50N	0.20	>10000	9	0.01	43	0.19	39	5	25	<10	0.08	<10	117	<5	143	<1
L18+00W 2+00N	0.46	621	5	<0.01	21	0.07	40	10	19	<10	0.31	<10	181	<5	77	7
L18+00W 2+50N	0.28	766	4	<0.01	14	0.07	35	6	19	<10	0.31	<10	179	<5	74	6
L18+00W 3+00N	0.59	273	5	<0.01	29	0.04	36	8	21	<10	0.34	<10	203	<5	59	7
L18+00W 3+50N	1.03	581	5	0.01	39	0.06	44	<5	19	<10	0.24	<10	180	<5	81	4
L18+00W 4+00N	0.79	718	6	<0.01	39	0.08	52	7	16	<10	0.17	<10	122	<5	93	4
L18+00W 4+50N	0.70	431	5	<0.01	23	0.08	43	7	17	<10	0.27	<10	171	<5	69	9
L18+00W 5+00N	0.35	556	2	0.01	4	0.03	25	<5	9	<10	0.01	<10	79	<5	55	<1
L18+00W 5+50N	0.14	157	3	0.01	4	0.03	21	<5	9	<10	0.02	<10	74	<5	36	<1
L18+00W 6+00N	0.50	325	1	<0.01	16	0.07	25	8	15	<10	0.07	<10	123	<5	75	<1
L18+00W 6+50N	1.09	673	4	<0.01	35	0.06	33	7	12	<10	0.14	<10	196	<5	86	<1
L18+00W 7+00N	0.99	468	5	<0.01	32	0.05	30	9	13	<10	0.32	<10	216	<5	88	3
L18+00W 7+50N	1.04	792	5	<0.01	42	0.03	41	8	22	<10	0.13	<10	204	<5	87	3
L18+00W 8+00N	0.59	1572	3	0.01	23	0.06	27	<5	31	<10	0.03	<10	114	<5	83	<1
L18+00W 8+50N	0.75	909	5	0.01	28	0.11	49	<5	17	<10	0.27	<10	169	<5	84	6
L18+00W 9+00N	0.72	643	4	0.01	33	0.10	48	16	20	<10	0.51	<10	222	<5	99	10
L18+00W Silt-02	2.53	1197	3	0.03	60	0.07	36	21	38	<10	0.37	<10	236	<5	112	14
L18+00W 0+50S	0.97	541	6	<0.01	60	0.06	61	5	18	<10	0.38	<10	212	<5	75	20
L18+00W 1+00S	0.68	777	5	<0.01	31	0.13	61	12	16	<10	0.41	<10	216	<5	83	23
L18+00W 1+50S	0.69	1635	4	0.01	37	0.12	42	10	25	<10	0.41	<10	203	<5	103	7
L18+00W 2+00S	0.96	1099	6	<0.01	34	0.10	72	6	30	<10	0.38	<10	196	<5	160	8
L18+00W 2+50S	0.53	672	6	<0.01	26	0.21	58	5	17	<10	0.36	<10	211	<5	240	12
L18+00W 3+00S	0.52	321	5	0.01	24	0.05	35	11	21	<10	0.40	<10	209	<5	120	7
L18+00W 3+50S	0.30	3340	12	<0.01	37	0.13	83	<5	49	<10	0.04	<10	128	<5	260	23
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 12 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L18+00W 4+00S	Soil	<5	0.4	>5.00	74	44	6	0.42	1.0	25	86	162	>5.00	<1	0.03	8
L18+00W 4+50S	Soil	5	0.4	4.54	43	44	8	0.44	<1.0	22	66	80	>5.00	<1	0.03	9
L25+00N 0+00	Soil	<5	0.1	2.24	22	41	7	0.68	1.0	17	42	27	4.53	<1	0.02	10
L25+00N 0+50E	Soil	<5	0.3	>5.00	78	49	9	0.54	<1.0	23	72	64	>5.00	<1	0.04	8
L25+00N 1+00E	Soil	<5	0.2	>5.00	82	56	10	0.53	<1.0	26	85	91	>5.00	<1	0.04	7
L25+00N 1+50E	Soil	20	0.4	>5.00	66	73	<2	0.64	<1.0	28	78	113	>5.00	<1	0.04	8
L25+00N 2+00E	Soil	10	0.1	>5.00	56	69	8	0.78	2.0	31	63	91	>5.00	<1	0.03	10
L25+00N 2+50E	Soil	<5	0.3	2.96	36	77	6	0.75	2.0	26	56	40	>5.00	<1	0.04	8
L25+00N 3+00E	Soil	<5	0.3	4.77	50	93	7	0.68	1.0	32	87	81	>5.00	<1	0.05	7
L25+00N 3+50E	Soil	20	0.2	4.55	98	102	4	0.57	<1.0	26	88	128	>5.00	<1	0.05	5
L25+00N 4+00E	Soil	5	0.6	>5.00	65	27	7	0.63	1.0	28	88	137	>5.00	<1	0.04	17
L25+00N 4+50E	Soil	<5	0.1	3.60	48	35	6	0.35	1.0	38	46	69	3.95	<1	0.03	12
L25+00N 5+00E	Soil	5	<0.1	3.37	33	55	7	0.55	<1.0	23	59	34	>5.00	<1	0.03	7
L25+00N 5+50E	Soil	<5	<0.1	>5.00	71	44	7	0.50	<1.0	24	90	85	>5.00	<1	0.03	6
L25+00N 6+00E	Soil	<5	0.3	4.77	52	60	7	0.65	<1.0	24	66	124	>5.00	<1	0.03	8
L25+00N 6+50E	Soil	5	0.2	>5.00	59	69	7	0.88	<1.0	39	70	121	>5.00	<1	0.05	13
L25+00N 7+00E	Soil	100	0.2	1.44	9	54	8	0.94	1.0	24	72	25	4.02	<1	0.03	8
L25+00N 7+50E	Soil	<5	0.4	1.37	8	70	10	0.93	1.0	25	73	21	3.96	<1	0.03	9
L27+00N 0+00	Soil	70	<0.1	1.94	20	43	5	0.51	1.0	17	44	20	3.99	<1	0.02	7
L27+00N 0+50E	Soil	<5	0.3	>5.00	58	94	10	0.55	1.0	23	59	39	>5.00	<1	0.04	10
L27+00N 1+00E	Soil	<5	0.2	3.47	40	91	12	0.52	1.0	20	51	43	4.46	<1	0.04	8
L27+00N 2+00E	Soil	<5	0.5	2.30	13	104	3	0.58	<1.0	26	85	74	>5.00	<1	0.05	8
L27+00N 2+50E	Soil	<5	0.4	3.61	37	48	11	0.73	<1.0	28	56	44	>5.00	<1	0.04	12
L27+00N 3+50E	Soil	<5	0.4	4.22	42	68	12	1.02	1.0	29	89	53	>5.00	<1	0.04	16
L27+00N 4+00E	Soil	<5	<0.1	1.77	17	48	9	0.50	1.0	13	37	22	3.94	<1	0.02	8
L27+00N 4+50E	Soil	<5	0.2	>5.00	76	96	5	0.47	1.0	23	85	92	>5.00	1	0.04	9
L27+00N 5+00E	Soil	<5	0.3	2.73	36	90	7	0.63	1.0	20	40	65	3.48	<1	0.04	9
L27+00N 5+50E	Soil	<5	<0.1	>5.00	82	77	8	0.46	1.0	25	84	77	>5.00	<1	0.04	9
L27+00N 6+00E	Soil	<5	0.3	>5.00	86	78	9	0.47	2.0	25	85	70	>5.00	<1	0.04	8
L27+00N 6+50E	Soil	<5	0.2	4.56	46	87	9	0.55	<1.0	25	73	80	>5.00	<1	0.04	8
L27+00N 7+00E	Soil	<5	0.6	2.44	26	130	5	0.74	1.0	25	58	55	4.24	<1	0.04	7
L27+00N 7+50E	Soil	<5	0.2	>5.00	59	91	7	1.11	<1.0	29	84	200	>5.00	<1	0.05	20
L27+00N 8+00E	Soil	<5	<0.1	4.92	49	78	12	0.57	<1.0	30	63	57	>5.00	<1	0.04	8
L27+00N 8+50E	Soil	<5	0.1	>5.00	63	78	7	1.06	<1.0	31	97	163	>5.00	<1	0.04	10
L29+00N 0+50E	Soil	<5	<0.1	>5.00	74	51	9	0.45	1.0	20	80	68	>5.00	<1	0.03	7
L29+00N 1+00E	Soil	<5	<0.1	2.60	25	55	9	0.59	<1.0	20	55	38	>5.00	<1	0.03	9
L29+00N 1+50E	Soil	<5	0.2	2.68	26	52	6	0.68	<1.0	21	70	32	>5.00	<1	0.03	8
L29+00N 2+00E	Soil	<5	0.3	3.45	33	44	9	0.78	<1.0	22	63	42	>5.00	<1	0.03	9
L29+00N 2+50E	Soil	<5	0.4	4.06	39	76	11	0.75	1.0	31	75	61	>5.00	<1	0.05	12
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L18+00W 4+00S	0.90	632	5	0.01	34	0.14	59	12	19	<10	0.38	<10	200	<5	97	13
L18+00W 4+50S	0.67	387	7	0.01	25	0.03	42	10	18	<10	0.34	<10	219	<5	52	12
L25+00N 0+00	0.32	500	2	0.02	15	0.04	24	9	27	<10	0.37	<10	169	<5	54	4
L25+00N 0+50E	0.65	568	3	0.01	29	0.10	54	15	24	<10	0.48	<10	186	<5	90	11
L25+00N 1+00E	0.75	534	4	0.01	37	0.06	60	12	21	<10	0.49	<10	201	<5	74	17
L25+00N 1+50E	0.93	1148	3	0.01	43	0.06	49	11	28	<10	0.48	<10	200	<5	79	9
L25+00N 2+00E	0.74	638	3	0.02	36	0.10	40	18	28	<10	0.53	<10	210	<5	121	11
L25+00N 2+50E	0.48	1092	1	0.02	29	0.10	29	17	31	<10	0.42	<10	185	<5	94	4
L25+00N 3+00E	0.79	668	3	0.02	55	0.09	38	18	24	<10	0.46	<10	247	<5	144	4
L25+00N 3+50E	0.88	677	4	0.01	43	0.04	40	9	17	<10	0.33	<10	209	<5	74	4
L25+00N 4+00E	1.15	430	4	0.02	39	0.06	48	15	19	<10	0.55	<10	242	<5	63	34
L25+00N 4+50E	0.15	930	2	0.04	12	0.14	34	8	15	<10	0.21	<10	110	<5	49	4
L25+00N 5+00E	0.41	697	3	0.01	24	0.09	32	12	23	<10	0.51	<10	211	<5	77	7
L25+00N 5+50E	0.55	321	4	0.01	32	0.11	60	9	22	<10	0.51	<10	218	<5	79	16
L25+00N 6+00E	0.82	870	3	0.02	30	0.11	40	11	23	<10	0.44	<10	183	<5	67	11
L25+00N 6+50E	0.65	1349	4	0.02	42	0.13	44	11	33	<10	0.44	<10	185	<5	87	7
L25+00N 7+00E	0.24	2690	2	0.02	13	0.06	23	9	40	<10	0.33	<10	113	<5	68	5
L25+00N 7+50E	0.22	3169	1	0.03	12	0.07	23	10	40	<10	0.35	<10	114	<5	72	5
L27+00N 0+00	0.38	656	2	0.02	14	0.04	23	9	31	<10	0.33	<10	141	<5	59	5
L27+00N 0+50E	0.38	1517	2	0.01	25	0.11	45	13	26	<10	0.45	<10	165	<5	95	6
L27+00N 1+00E	0.32	1326	2	0.02	18	0.08	37	9	24	<10	0.37	<10	161	<5	82	11
L27+00N 2+00E	0.60	2982	4	0.02	28	0.06	25	8	36	<10	0.39	<10	177	<5	92	9
L27+00N 2+50E	0.58	1248	3	0.02	43	0.07	34	12	25	<10	0.45	<10	201	<5	90	6
L27+00N 3+50E	0.78	2492	3	0.02	45	0.08	41	12	29	<10	0.49	<10	169	<5	138	8
L27+00N 4+00E	0.25	336	2	0.02	12	0.02	22	7	24	<10	0.30	<10	157	<5	35	5
L27+00N 4+50E	0.46	1389	4	0.01	35	0.11	65	9	18	<10	0.39	<10	202	<5	89	12
L27+00N 5+00E	0.28	1089	1	0.02	17	0.06	29	11	30	<10	0.39	<10	120	<5	69	4
L27+00N 5+50E	0.51	505	3	0.01	37	0.07	61	18	21	<10	0.49	<10	192	<5	87	14
L27+00N 6+00E	0.51	597	3	0.01	36	0.08	63	19	20	<10	0.49	<10	195	<5	85	14
L27+00N 6+50E	0.52	749	5	0.01	39	0.07	44	12	25	<10	0.43	<10	195	<5	83	7
L27+00N 7+00E	0.46	3853	2	0.02	27	0.06	30	9	27	<10	0.23	<10	129	<5	107	2
L27+00N 7+50E	0.93	1196	4	0.02	50	0.07	49	11	29	<10	0.36	<10	171	<5	79	7
L27+00N 8+00E	0.46	592	4	0.02	37	0.06	43	10	23	<10	0.49	<10	185	<5	85	10
L27+00N 8+50E	1.14	607	4	0.03	53	0.05	56	10	42	<10	0.37	<10	182	<5	57	8
L29+00N 0+50E	0.40	843	4	0.01	25	0.10	63	12	20	<10	0.42	<10	203	<5	68	13
L29+00N 1+00E	0.33	703	3	0.02	18	0.07	28	8	26	<10	0.39	<10	154	<5	69	7
L29+00N 1+50E	0.57	950	3	0.02	22	0.04	26	7	29	<10	0.30	<10	167	<5	62	2
L29+00N 2+00E	0.43	722	4	0.02	24	0.04	35	13	27	<10	0.44	<10	212	<5	49	9
L29+00N 2+50E	0.67	1344	4	0.02	37	0.07	39	16	29	<10	0.60	<10	230	<5	96	8
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 13 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L29+00N 3+00E	Soil	<5	<0.1	4.87	44	107	3	0.50	<1.0	25	63	69	>5.00	<1	0.04	9
L29+00N 3+50E	Soil	<5	<0.1	5.00	46	110	6	0.48	<1.0	26	62	72	>5.00	<1	0.04	10
L29+00N 4+00E	Soil	<5	0.8	4.35	44	253	8	0.65	<1.0	26	57	72	>5.00	<1	0.05	11
L29+00N 4+50E	Soil	<5	0.1	>5.00	51	102	6	0.50	<1.0	22	63	77	>5.00	<1	0.04	8
L29+00N 5+00E	Soil	<5	0.3	4.26	39	87	7	0.53	<1.0	24	55	100	>5.00	<1	0.04	9
L29+00N 5+50E	Soil	<5	0.1	3.56	35	77	6	0.55	<1.0	23	53	184	>5.00	<1	0.03	7
L29+00N 6+00E	Soil	<5	0.5	>5.00	54	67	10	0.63	1.0	26	61	345	>5.00	<1	0.05	12
L29+00N 6+50E	Soil	<5	0.4	>5.00	51	83	10	0.78	<1.0	30	69	104	>5.00	<1	0.04	7
L29+00N 7+00E	Soil	<5	0.1	>5.00	64	60	6	0.59	<1.0	27	71	135	>5.00	<1	0.03	10
L29+00N 8+00E	Soil	10	0.4	4.62	151	42	2	1.17	1.0	25	58	179	>5.00	<1	0.04	7
L29+00N 7+50W	Soil	<5	0.1	>5.00	60	62	9	0.45	<1.0	23	54	39	>5.00	<1	0.04	7
L29+00N 8+00W	Soil	<5	0.3	>5.00	66	65	13	0.57	1.0	35	103	128	>5.00	<1	0.06	9
L29+00N 8+50W	Soil	<5	0.4	>5.00	62	56	7	0.50	<1.0	25	90	100	>5.00	<1	0.03	8
L29+00N 9+00W	Soil	<5	0.1	4.90	51	55	7	0.53	<1.0	24	68	67	>5.00	<1	0.03	7
L29+00N 9+50W	Soil	<5	0.3	4.42	40	57	12	0.52	<1.0	28	70	72	>5.00	<1	0.03	7
L29+00N 10+00W	Soil	5	0.3	>5.00	55	61	8	0.63	1.0	34	74	134	>5.00	<1	0.03	13
L29+00N 10+50W	Soil	<5	0.1	>5.00	76	33	10	0.35	2.0	19	71	64	4.10	<1	0.03	7
L29+00N 11+00W	Soil	<5	0.4	3.96	40	75	7	0.57	1.0	23	66	68	>5.00	<1	0.03	9
L29+00N 11+50W	Soil	<5	<0.1	>5.00	57	37	6	0.61	1.0	23	82	87	>5.00	<1	0.02	6
L29+00N 12+00W	Soil	<5	0.2	4.78	47	57	10	0.57	<1.0	26	67	62	>5.00	<1	0.03	12
L31+00N 0+00E	Soil	<5	0.1	4.83	47	40	8	0.53	<1.0	24	78	92	>5.00	<1	0.03	9
L31+00N 0+50E	Soil	<5	<0.1	4.86	44	55	10	0.66	<1.0	30	98	55	>5.00	<1	0.03	7
L31+00N 1+00E	Soil	<5	0.2	4.21	42	36	3	0.55	<1.0	23	75	73	>5.00	<1	0.03	10
L31+00N 1+50E	Soil	<5	0.2	3.59	33	68	8	0.51	<1.0	29	68	72	>5.00	<1	0.03	8
L31+00N 2+00E	Soil	<5	0.4	1.84	7	67	5	0.54	<1.0	24	55	47	>5.00	<1	0.03	7
L31+00N 2+50E	Soil	<5	0.2	>5.00	79	84	4	0.62	2.0	27	88	101	>5.00	<1	0.04	7
L31+00N 3+00E	Soil	<5	0.2	4.19	41	57	7	0.49	<1.0	26	58	73	>5.00	<1	0.03	6
L31+00N 3+50E	Soil	5	<0.1	2.19	15	31	5	0.42	<1.0	20	50	87	>5.00	<1	0.02	7
L31+00N 4+00E	Soil	<5	<0.1	3.33	30	47	10	0.62	<1.0	24	62	74	>5.00	<1	0.02	6
L31+00N 4+50E	Soil	<5	0.1	>5.00	60	44	9	0.53	1.0	41	83	241	>5.00	<1	0.04	18
L31+00N 5+00E	Soil	<5	0.3	>5.00	59	58	5	0.52	<1.0	24	71	116	>5.00	<1	0.04	9
L31+00N 5+50E	Soil	<5	0.5	>5.00	69	69	4	0.81	<1.0	25	77	157	>5.00	<1	0.04	38
L31+00N 6+00E	Soil	<5	<0.1	4.55	89	56	5	0.51	<1.0	29	53	892	>5.00	<1	0.04	11
L31+00N 6+50E	Soil	20	0.2	>5.00	57	51	6	0.58	<1.0	26	59	135	>5.00	<1	0.04	15
L31+00N 7+00E	Soil	<5	<0.1	4.37	94	30	7	0.59	<1.0	25	56	173	>5.00	<1	0.03	7
L31+00N 0+00W	Soil	<5	0.7	1.44	15	129	6	0.62	1.0	20	34	18	3.35	<1	0.04	11
L31+00N 0+50W	Soil	<5	1.1	2.24	7	197	6	0.69	<1.0	35	67	43	>5.00	<1	0.03	7
L31+00N 1+00W	Soil	<5	0.3	2.34	20	99	9	0.60	1.0	21	46	35	4.28	<1	0.03	8
L31+00N 1+50W	Soil	<5	2.4	2.39	14	287	7	0.85	1.0	25	74	28	4.13	<1	0.06	6
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 13 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L29+00N 3+00E	0.54	427	4	0.02	32	0.03	42	10	38	<10	0.32	<10	226	<5	59	11
L29+00N 3+50E	0.56	474	4	0.02	32	0.03	43	8	39	<10	0.31	<10	224	<5	56	11
L29+00N 4+00E	0.41	4991	3	0.02	29	0.11	42	7	32	<10	0.33	<10	158	<5	158	5
L29+00N 4+50E	0.45	1123	4	0.01	31	0.08	45	9	22	<10	0.33	<10	205	<5	85	6
L29+00N 5+00E	0.47	1696	4	0.01	30	0.19	40	5	19	<10	0.39	<10	167	<5	112	8
L29+00N 5+50E	0.40	1425	3	0.02	27	0.16	33	10	21	<10	0.37	<10	166	<5	135	5
L29+00N 6+00E	0.63	1110	4	0.02	42	0.11	50	15	27	<10	0.53	<10	203	<5	124	8
L29+00N 6+50E	0.77	1201	5	0.02	42	0.07	44	13	24	<10	0.57	<10	264	<5	83	9
L29+00N 7+00E	0.70	429	4	0.02	41	0.04	50	11	23	<10	0.45	<10	208	<5	67	16
L29+00N 8+00E	0.97	441	2	0.02	49	0.04	41	22	27	<10	0.42	<10	181	<5	66	11
L29+00N 7+50W	0.37	832	3	0.02	25	0.07	46	10	21	<10	0.40	<10	141	<5	93	5
L29+00N 8+00W	1.05	843	4	0.01	46	0.08	61	13	20	<10	0.54	<10	247	<5	87	19
L29+00N 8+50W	0.61	1882	3	0.01	34	0.11	52	13	18	<10	0.44	<10	218	<5	87	10
L29+00N 9+00W	0.58	712	3	0.02	29	0.09	43	10	21	<10	0.44	<10	169	<5	117	8
L29+00N 9+50W	0.64	472	4	0.01	33	0.06	41	13	21	<10	0.58	<10	246	<5	74	11
L29+00N 10+00W	1.09	639	3	0.02	48	0.07	44	15	18	<10	0.50	<10	195	<5	79	20
L29+00N 10+50W	0.38	272	3	0.01	20	0.05	62	6	16	<10	0.38	<10	142	<5	48	14
L29+00N 11+00W	0.44	1762	3	0.02	25	0.05	38	15	22	<10	0.47	<10	200	<5	88	12
L29+00N 11+50W	0.68	683	4	0.02	29	0.06	46	12	17	<10	0.49	<10	186	<5	61	18
L29+00N 12+00W	0.68	903	4	0.02	38	0.06	43	8	18	<10	0.43	<10	180	<5	80	10
L31+00N 0+00E	0.66	815	4	0.01	29	0.11	41	10	18	<10	0.43	<10	209	<5	69	10
L31+00N 0+50E	0.92	985	5	0.02	44	0.05	42	12	25	<10	0.47	<10	208	<5	77	6
L31+00N 1+00E	0.50	422	4	0.01	35	0.06	38	13	18	<10	0.34	<10	206	<5	105	4
L31+00N 1+50E	0.43	2416	4	0.02	30	0.13	34	10	19	<10	0.40	<10	165	<5	103	5
L31+00N 2+00E	0.25	1478	3	0.02	16	0.06	24	6	23	<10	0.38	<10	153	<5	115	3
L31+00N 2+50E	0.70	756	3	0.01	40	0.09	63	16	19	<10	0.43	<10	221	<5	98	12
L31+00N 3+00E	0.58	619	4	0.01	32	0.12	39	12	21	<10	0.48	<10	211	<5	94	6
L31+00N 3+50E	0.45	539	4	0.02	19	0.03	24	6	19	<10	0.28	<10	176	<5	48	2
L31+00N 4+00E	0.85	675	4	0.02	29	0.03	31	12	25	<10	0.42	<10	219	<5	60	9
L31+00N 4+50E	0.84	467	6	0.01	63	0.05	56	18	21	<10	0.54	<10	273	<5	71	16
L31+00N 5+00E	0.69	975	4	0.01	35	0.09	51	8	18	<10	0.43	<10	205	<5	101	12
L31+00N 5+50E	0.71	770	3	0.02	52	0.06	46	15	22	<10	0.32	<10	147	<5	88	7
L31+00N 6+00E	0.56	570	4	0.01	30	0.09	41	9	18	<10	0.33	<10	166	<5	97	9
L31+00N 6+50E	0.57	1018	4	0.01	36	0.14	46	13	20	<10	0.37	<10	189	<5	93	8
L31+00N 7+00E	0.72	566	4	0.02	29	0.07	39	12	19	<10	0.49	<10	192	<5	67	12
L31+00N 0+00W	0.22	3640	1	0.02	15	0.06	21	8	25	<10	0.23	<10	110	<5	49	2
L31+00N 0+50W	0.25	7408	3	0.03	23	0.14	28	<5	30	<10	0.30	<10	155	<5	137	3
L31+00N 1+00W	0.43	1562	2	0.02	23	0.04	26	7	22	<10	0.35	<10	154	<5	60	4
L31+00N 1+50W	0.45	>10000	2	0.03	21	0.16	31	<5	26	<10	0.26	<10	134	<5	115	4
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 14 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L31+00N 2+00W	Soil	<5	0.2	>5.00	121	63	8	0.46	2.0	26	103	103	>5.00	<1	0.03	7
L31+00N 2+50W	Soil	<5	0.2	3.47	40	71	11	0.54	2.0	22	67	33	>5.00	<1	0.04	14
L31+00N 3+00W	Soil	<5	0.2	>5.00	60	68	6	0.47	1.0	26	91	76	>5.00	<1	0.04	9
L31+00N 3+50W	Soil	<5	<0.1	3.07	28	47	9	0.44	<1.0	16	57	38	>5.00	<1	0.02	8
L31+00N 4+00W	Soil	5	0.4	2.04	17	90	7	0.55	1.0	19	46	40	4.38	<1	0.02	14
L31+00N 4+50W	Soil	<5	<0.1	3.07	33	57	6	0.59	1.0	22	55	48	>5.00	<1	0.03	8
L31+00N 5+00W	Soil	<5	0.6	>5.00	66	146	5	0.61	2.0	27	83	71	>5.00	<1	0.05	11
L31+00N 5+50W	Soil	10	0.4	>5.00	79	65	10	0.59	2.0	26	79	93	>5.00	<1	0.04	11
L31+00N 6+00W	Soil	30	0.4	3.47	33	61	7	0.47	1.0	31	58	42	>5.00	<1	0.04	8
L31+00N 6+50W	Soil	30	0.2	4.42	54	61	3	0.59	1.0	23	52	86	4.92	<1	0.03	3
L31+00N 7+00W	Soil	5	0.3	4.47	49	60	8	0.59	<1.0	23	55	88	>5.00	<1	0.03	7
L31+00N 7+50W	Soil	5	0.3	2.42	22	83	4	0.55	<1.0	24	48	38	>5.00	<1	0.03	8
L31+00N 8+00W	Soil	<5	<0.1	4.59	46	87	7	0.51	<1.0	27	72	63	>5.00	<1	0.03	8
L31+00N 8+50W	Soil	<5	0.1	3.92	44	111	5	0.39	<1.0	25	61	51	>5.00	<1	0.04	7
L31+00N 9+00W	Soil	<5	<0.1	3.84	48	121	7	0.42	1.0	26	61	49	>5.00	<1	0.04	7
L31+00N 9+50W	Soil	20	<0.1	4.10	54	118	5	0.43	1.0	26	64	56	>5.00	<1	0.04	8
L31+00N 10+00W	Soil	<5	0.2	>5.00	64	64	7	0.44	1.0	27	65	91	>5.00	<1	0.03	9
L31+00N 10+50W	Soil	15	0.4	>5.00	80	88	5	0.58	2.0	32	79	106	>5.00	<1	0.04	10
L31+00N 11+00W	Soil	10	0.4	>5.00	79	80	7	0.58	2.0	34	83	105	>5.00	<1	0.04	11
L31+00N 11+50W	Soil	<5	0.2	>5.00	85	43	8	0.47	1.0	25	89	121	>5.00	<1	0.04	10
L31+00N 12+00W	Soil	<5	<0.1	>5.00	80	43	5	0.49	2.0	26	93	129	>5.00	<1	0.04	10
L33+00N 0+00	Soil	10	0.7	2.84	28	133	7	0.64	<1.0	24	50	48	>5.00	<1	0.04	9
L33+00N 0+50E	Soil	<5	0.3	4.76	51	152	13	0.79	2.0	30	85	111	>5.00	<1	0.03	11
L33+00N 1+00E	Soil	30	<0.1	4.26	41	82	9	0.65	<1.0	26	61	76	>5.00	<1	0.03	7
L33+00N 1+50E	Soil	<5	0.3	>5.00	55	70	7	0.78	<1.0	30	86	251	>5.00	<1	0.03	11
L33+00N 2+00E	Soil	5	<0.1	>5.00	56	48	9	0.59	<1.0	27	71	105	>5.00	<1	0.03	14
L33+00N 2+50E	Soil	5	<0.1	3.88	31	54	4	0.42	<1.0	29	86	157	>5.00	<1	0.03	10
L33+00N 3+00E	Soil	5	<0.1	2.92	13	39	6	0.47	<1.0	25	69	63	>5.00	<1	0.03	7
L33+00N 3+50E	Soil	<5	0.2	>5.00	75	149	6	1.04	2.0	31	89	134	4.38	<1	0.03	22
L33+00N 4+00E	Soil	10	0.3	>5.00	68	63	5	0.47	<1.0	20	69	86	>5.00	<1	0.04	7
L33+00N 4+50E	Soil	<5	<0.1	>5.00	75	74	6	0.43	<1.0	22	76	76	>5.00	<1	0.03	8
L33+00N 5+00E	Soil	20	0.2	3.74	38	112	10	0.57	<1.0	21	55	40	>5.00	<1	0.03	9
L33+00N 5+50E	Soil	<5	0.2	4.53	47	44	8	0.50	<1.0	24	63	101	>5.00	<1	0.03	13
L33+00N 6+00E	Soil	<5	<0.1	>5.00	74	36	10	0.37	1.0	26	79	120	>5.00	<1	0.03	17
L33+00N 6+50E	Soil	<5	<0.1	>5.00	48	54	6	0.48	<1.0	20	66	73	>5.00	<1	0.03	7
L33+00N 7+00E	Soil	<5	0.4	>5.00	67	93	10	0.71	<1.0	30	73	310	>5.00	<1	0.04	17
L33+00N 7+50E	Soil	<5	0.3	>5.00	69	39	7	0.67	1.0	25	67	162	>5.00	<1	0.04	16
L33+00N 0+50W	Soil	<5	0.4	3.03	28	132	8	0.66	<1.0	28	69	48	>5.00	<1	0.04	9
L33+00N 1+00W	Soil	<5	0.2	3.73	36	65	6	0.44	<1.0	32	58	85	>5.00	<1	0.04	13
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L31+00N 2+00W	0.76	910	3	<0.01	39	0.09	60	21	18	<10	0.49	<10	219	<5	74	13
L31+00N 2+50W	0.38	589	1	0.02	21	0.04	34	19	26	<10	0.42	<10	212	<5	52	12
L31+00N 3+00W	0.66	1300	4	<0.01	33	0.16	60	16	21	<10	0.46	<10	194	<5	90	9
L31+00N 3+50W	0.48	560	3	0.02	20	0.10	30	8	22	<10	0.30	<10	162	<5	51	6
L31+00N 4+00W	0.40	1958	2	0.03	21	0.05	24	6	25	<10	0.31	<10	159	<5	66	5
L31+00N 4+50W	0.55	509	3	0.02	24	0.04	29	13	24	<10	0.41	<10	185	<5	61	6
L31+00N 5+00W	0.62	2489	2	0.01	36	0.11	48	21	30	<10	0.47	<10	218	<5	93	12
L31+00N 5+50W	0.83	1224	2	0.02	36	0.08	55	21	23	<10	0.49	<10	203	<5	64	18
L31+00N 6+00W	0.40	2598	3	0.02	22	0.10	35	10	21	<10	0.41	<10	166	<5	72	6
L31+00N 6+50W	0.63	1293	3	0.02	29	0.13	40	11	24	<10	0.39	<10	157	<5	86	5
L31+00N 7+00W	0.64	1166	3	0.02	29	0.12	40	9	25	<10	0.40	<10	149	<5	89	5
L31+00N 7+50W	0.28	2210	2	0.02	19	0.08	26	10	25	<10	0.34	<10	155	<5	92	5
L31+00N 8+00W	0.51	959	3	0.02	39	0.08	39	14	22	<10	0.41	<10	191	<5	74	9
L31+00N 8+50W	0.43	1206	3	0.01	38	0.05	35	11	21	<10	0.28	<10	152	<5	84	2
L31+00N 9+00W	0.44	1441	2	0.01	39	0.06	34	18	22	<10	0.29	<10	161	<5	87	3
L31+00N 9+50W	0.44	1132	2	0.01	42	0.06	35	19	23	<10	0.30	<10	164	<5	90	3
L31+00N 10+00W	0.66	723	2	0.02	37	0.05	43	16	19	<10	0.37	<10	160	<5	89	6
L31+00N 10+50W	0.79	955	3	0.01	46	0.07	53	26	27	<10	0.45	<10	192	<5	106	8
L31+00N 11+00W	0.78	852	2	0.01	46	0.07	55	25	27	<10	0.48	<10	202	<5	106	10
L31+00N 11+50W	0.60	644	3	0.01	35	0.10	59	20	21	<10	0.49	<10	214	<5	79	18
L31+00N 12+00W	0.66	595	3	<0.01	37	0.09	67	24	22	<10	0.50	<10	220	<5	80	20
L33+00N 0+00	0.33	3479	2	0.02	21	0.09	29	9	24	<10	0.31	<10	138	<5	135	2
L33+00N 0+50E	0.50	1567	3	0.02	43	0.15	44	17	25	<10	0.46	<10	194	<5	123	4
L33+00N 1+00E	0.81	534	4	0.02	36	0.08	38	12	21	<10	0.46	<10	198	<5	77	8
L33+00N 1+50E	0.86	628	4	0.01	48	0.05	49	15	21	<10	0.44	<10	215	<5	79	10
L33+00N 2+00E	0.74	449	3	0.01	39	0.04	42	15	18	<10	0.41	<10	201	<5	67	13
L33+00N 2+50E	0.45	448	4	0.02	39	0.04	33	9	13	<10	0.06	<10	228	<5	73	1
L33+00N 3+00E	0.51	506	5	0.02	25	0.05	27	9	21	<10	0.45	<10	262	<5	73	7
L33+00N 3+50E	0.72	378	2	0.03	50	0.05	60	10	27	<10	0.33	<10	141	<5	67	9
L33+00N 4+00E	0.46	812	5	0.01	31	0.10	55	13	19	<10	0.42	<10	179	<5	78	9
L33+00N 4+50E	0.47	477	4	0.01	37	0.06	59	10	17	<10	0.33	<10	170	<5	60	14
L33+00N 5+00E	0.33	1522	3	0.02	27	0.06	37	11	23	<10	0.36	<10	183	<5	69	4
L33+00N 5+50E	0.57	406	3	0.02	30	0.05	41	11	19	<10	0.42	<10	190	<5	59	10
L33+00N 6+00E	0.47	368	4	0.01	30	0.08	58	15	15	<10	0.41	<10	219	<5	53	16
L33+00N 6+50E	0.45	812	5	0.01	23	0.12	44	6	18	<10	0.41	<10	207	<5	73	13
L33+00N 7+00E	0.63	2158	4	0.02	44	0.08	46	36	23	<10	0.45	<10	219	<5	89	14
L33+00N 7+50E	0.88	998	4	0.02	37	0.09	51	15	19	<10	0.46	<10	173	<5	60	23
L33+00N 0+50W	0.44	2980	3	0.02	32	0.16	30	8	23	<10	0.33	<10	155	<5	134	2
L33+00N 1+00W	0.35	966	3	0.01	28	0.09	35	9	16	<10	0.35	<10	156	<5	95	7
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L33+00N 1+50W	Soil	<5	0.2	3.26	37	60	11	0.48	1.0	18	51	40	4.56	<1	0.03	7
L33+00N 2+00W	Soil	20	0.4	4.18	48	64	8	0.39	1.0	26	51	73	3.90	<1	0.03	9
L33+00N 2+50W	Soil	<5	<0.1	4.95	47	57	5	0.44	<1.0	20	71	62	>5.00	<1	0.03	7
L33+00N 3+00W	Soil	<5	<0.1	>5.00	83	66	7	0.57	1.0	26	91	85	>5.00	<1	0.04	8
L33+00N 3+50W	Soil	<5	<0.1	2.83	26	55	6	0.54	<1.0	20	49	44	>5.00	<1	0.02	8
L33+00N 4+00W	Soil	<5	0.3	3.63	34	82	9	0.58	<1.0	28	64	65	>5.00	<1	0.03	9
L33+00N 4+50W	Soil	<5	0.3	>5.00	62	56	5	0.51	1.0	26	79	105	>5.00	<1	0.03	8
L33+00N 5+00W	Soil	<5	0.2	>5.00	54	44	8	0.67	1.0	30	99	92	>5.00	<1	0.03	14
L33+00N 5+50W	Soil	<5	0.3	4.70	47	60	10	0.49	<1.0	26	61	74	>5.00	<1	0.04	11
L33+00N 6+00W	Soil	<5	0.4	4.51	46	63	5	0.67	<1.0	27	67	103	>5.00	<1	0.03	9
L33+00N 6+50W	Soil	<5	0.1	3.69	37	44	4	0.52	<1.0	27	66	60	>5.00	<1	0.02	6
L33+00N 7+00W	Soil	<5	0.5	4.98	54	52	8	0.61	1.0	30	77	84	>5.00	<1	0.03	11
L33+00N 7+50W	Soil	<5	0.3	2.46	19	38	5	0.50	<1.0	23	48	31	>5.00	<1	0.02	7
L33+00N 8+00W	Soil	<5	0.5	3.95	33	44	3	0.45	<1.0	21	59	75	>5.00	<1	0.03	8
L33+00N 8+50W	Soil	<5	0.6	>5.00	61	55	5	0.57	<1.0	28	90	111	>5.00	<1	0.03	11
L33+00N 9+00W	Soil	<5	0.6	4.85	52	115	4	0.70	<1.0	30	70	106	>5.00	<1	0.03	7
L33+00N 9+50W	Soil	<5	0.2	>5.00	73	32	6	0.47	1.0	25	84	128	>5.00	<1	0.03	6
L33+00N 10+00W	Soil	<5	0.7	4.93	53	69	7	0.47	<1.0	26	67	67	>5.00	<1	0.03	8
L33+00N 10+50W	Soil	<5	0.4	>5.00	67	52	6	0.55	1.0	31	79	147	>5.00	<1	0.03	12
L33+00N 11+00W	Soil	<5	0.3	>5.00	58	52	5	0.48	1.0	27	74	96	>5.00	<1	0.03	8
L33+00N 11+50W	Soil	<5	0.6	3.45	39	68	7	0.98	<1.0	35	53	86	>5.00	<1	0.03	15
L33+00N 12+00W	Soil	15	0.1	3.41	34	60	3	0.43	1.0	27	111	151	>5.00	<1	0.03	8
L35+00N 0+00	Soil	<5	0.7	3.60	39	140	3	0.51	<1.0	25	66	41	>5.00	<1	0.03	8
L35+00N 0+50W	Soil	<5	0.7	4.91	52	165	3	0.73	<1.0	27	78	72	>5.00	<1	0.03	27
L35+00N 1+00W	Soil	<5	0.3	3.94	40	87	8	0.58	<1.0	24	59	77	>5.00	<1	0.03	7
L35+00N 1+50W	Soil	<5	0.6	2.78	23	108	8	0.55	<1.0	27	52	48	>5.00	<1	0.03	10
L35+00N 2+00W	Soil	<5	0.5	3.50	37	93	7	0.54	<1.0	22	52	62	>5.00	<1	0.03	9
L35+00N 2+50W	Soil	<5	0.5	4.34	42	90	7	0.94	1.0	29	70	53	>5.00	<1	0.03	19
L35+00N 3+00W	Soil	<5	0.4	4.36	44	61	6	1.02	<1.0	31	91	116	>5.00	<1	0.03	19
L35+00N 3+50W	Soil	<5	0.2	3.48	36	60	5	0.54	<1.0	22	57	43	>5.00	<1	0.02	7
L35+00N 4+00W	Soil	<5	0.5	>5.00	78	61	6	0.49	1.0	25	92	90	>5.00	<1	0.03	8
L35+00N 4+50W	Soil	<5	0.4	>5.00	75	51	7	0.49	1.0	23	78	71	>5.00	<1	0.03	7
L35+00N 5+00W	Soil	<5	0.6	3.22	34	61	4	0.56	<1.0	24	53	59	>5.00	<1	0.03	8
L35+00N 5+50W	Soil	<5	0.4	4.26	40	36	9	0.59	1.0	26	82	69	>5.00	<1	0.03	8
L35+00N 6+00W	Soil	<5	0.8	2.70	26	103	4	0.58	<1.0	21	49	39	>5.00	<1	0.03	7
L35+00N 6+50W	Soil	<5	0.6	>5.00	65	45	5	0.63	2.0	28	79	100	>5.00	<1	0.03	11
L35+00N 7+00W	Soil	<5	0.5	3.78	41	51	8	0.53	1.0	20	69	54	>5.00	<1	0.03	8
L35+00N 7+50W	Soil	<5	0.5	2.43	19	48	6	0.56	<1.0	18	53	36	>5.00	<1	0.02	9
L35+00N 8+00W	Soil	20	0.4	2.37	22	42	6	0.54	<1.0	18	43	33	>5.00	<1	0.02	5
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L33+00N 1+50W	0.40	1087	2	0.02	20	0.12	34	9	16	<10	0.35	<10	155	<5	64	6
L33+00N 2+00W	0.31	2222	3	0.01	20	0.15	39	<5	14	<10	0.26	<10	127	<5	71	5
L33+00N 2+50W	0.43	1508	4	0.01	23	0.09	45	7	17	<10	0.37	<10	186	<5	70	8
L33+00N 3+00W	0.72	750	3	0.01	38	0.09	60	21	22	<10	0.53	<10	219	<5	65	16
L33+00N 3+50W	0.22	1087	3	0.01	16	0.08	29	8	21	<10	0.39	<10	156	<5	77	6
L33+00N 4+00W	0.53	1430	4	0.02	32	0.08	35	10	23	<10	0.46	<10	186	<5	116	10
L33+00N 4+50W	0.69	995	4	0.02	36	0.08	52	10	19	<10	0.46	<10	200	<5	67	15
L33+00N 5+00W	0.84	714	5	0.01	42	0.08	48	12	21	<10	0.49	<10	236	<5	66	8
L33+00N 5+50W	0.47	1112	3	0.02	24	0.11	42	10	22	<10	0.37	<10	168	<5	63	11
L33+00N 6+00W	0.73	1104	4	0.02	37	0.09	38	8	21	<10	0.42	<10	181	<5	73	11
L33+00N 6+50W	0.68	503	3	0.01	33	0.05	32	11	18	<10	0.45	<10	192	<5	59	9
L33+00N 7+00W	0.89	907	4	0.01	40	0.06	39	15	22	<10	0.48	<10	219	<5	69	10
L33+00N 7+50W	0.34	742	3	0.01	18	0.10	26	8	19	<10	0.41	<10	163	<5	58	5
L33+00N 8+00W	0.33	734	3	0.01	20	0.07	38	6	23	<10	0.43	<10	180	<5	77	10
L33+00N 8+50W	1.01	596	3	0.01	44	0.05	47	8	21	<10	0.42	<10	192	<5	59	15
L33+00N 9+00W	1.19	1401	3	0.02	44	0.05	39	10	23	<10	0.42	<10	186	<5	71	10
L33+00N 9+50W	0.95	440	3	0.01	38	0.09	54	13	18	<10	0.48	<10	216	<5	64	21
L33+00N 10+00W	0.59	1099	3	0.01	32	0.08	43	11	19	<10	0.44	<10	175	<5	93	8
L33+00N 10+50W	1.12	575	3	0.01	46	0.06	46	13	19	<10	0.46	<10	202	<5	69	17
L33+00N 11+00W	0.77	706	3	0.01	34	0.08	45	14	17	<10	0.46	<10	212	<5	78	14
L33+00N 11+50W	0.99	1007	3	0.02	38	0.04	34	11	29	<10	0.33	<10	160	<5	71	8
L33+00N 12+00W	0.45	654	3	0.01	51	0.07	31	38	16	<10	0.18	<10	245	<5	93	2
L35+00N 0+00	0.32	2009	2	0.02	28	0.21	34	13	19	<10	0.39	<10	154	<5	156	5
L35+00N 0+50W	0.78	2523	3	0.02	39	0.05	41	12	23	<10	0.40	<10	173	<5	83	8
L35+00N 1+00W	0.60	954	3	0.01	33	0.05	34	11	18	<10	0.40	<10	187	<5	97	8
L35+00N 1+50W	0.30	1661	3	0.02	22	0.06	29	9	20	<10	0.40	<10	183	<5	111	5
L35+00N 2+00W	0.40	2200	3	0.02	23	0.11	32	8	23	<10	0.37	<10	154	<5	87	6
L35+00N 2+50W	0.79	1622	3	0.02	38	0.05	36	12	26	<10	0.48	<10	190	<5	81	8
L35+00N 3+00W	1.16	1264	4	0.02	45	0.06	45	11	25	<10	0.34	<10	199	<5	86	10
L35+00N 3+50W	0.50	560	3	0.01	25	0.12	33	11	20	<10	0.46	<10	172	<5	97	4
L35+00N 4+00W	0.77	507	4	0.01	36	0.11	54	14	18	<10	0.49	<10	222	<5	68	11
L35+00N 4+50W	0.59	521	3	0.01	32	0.09	52	13	17	<10	0.50	<10	197	<5	88	12
L35+00N 5+00W	0.46	1160	2	0.02	25	0.07	31	10	22	<10	0.41	<10	154	<5	80	8
L35+00N 5+50W	0.60	783	4	0.01	26	0.17	37	14	19	<10	0.57	<10	226	<5	80	13
L35+00N 6+00W	0.33	4256	2	0.02	19	0.12	27	9	23	<10	0.37	<10	139	<5	92	4
L35+00N 6+50W	0.87	642	3	0.01	36	0.05	43	18	22	<10	0.43	<10	207	<5	75	14
L35+00N 7+00W	0.40	467	4	0.02	22	0.11	35	13	22	<10	0.45	<10	183	<5	78	11
L35+00N 7+50W	0.43	426	3	0.02	17	0.03	25	10	23	<10	0.44	<10	210	<5	37	6
L35+00N 8+00W	0.54	429	3	0.02	19	0.03	24	9	21	<10	0.39	<10	179	<5	46	4
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L35+00N 8+50W	Soil	<5	0.6	>5.00	59	39	8	0.50	<1.0	26	67	113	>5.00	<1	0.03	8
L35+00N 9+00W	Soil	<5	0.4	>5.00	67	51	5	0.48	<1.0	22	69	74	>5.00	<1	0.03	7
L35+00N 9+50W	Soil	<5	0.6	3.09	26	39	9	0.62	<1.0	21	58	37	>5.00	<1	0.02	8
L35+00N 10+00W	Soil	<5	0.4	>5.00	59	53	5	0.47	<1.0	25	72	69	>5.00	<1	0.03	7
L35+00N 10+50W	Soil	<5	0.4	4.09	46	41	2	0.42	<1.0	18	59	48	>5.00	<1	0.02	6
L35+00N 11+00W	Soil	<5	0.3	2.26	21	58	4	0.40	<1.0	15	44	39	>5.00	<1	0.02	7
L35+00N 11+50W	Soil	<5	0.4	4.72	49	64	10	0.50	1.0	24	65	70	>5.00	<1	0.03	7
L35+00N 12+00W	Soil	5	0.4	>5.00	58	59	7	0.46	<1.0	26	70	75	>5.00	<1	0.03	6
L37+00N 0+00	Soil	<5	0.4	5.00	52	41	5	0.71	<1.0	25	65	68	>5.00	<1	0.03	13
L37+00N 0+50W	Soil	<5	0.4	3.78	74	37	7	0.61	<1.0	21	53	52	>5.00	<1	0.02	4
L37+00N 1+00W	Soil	<5	0.5	4.22	42	80	5	0.52	<1.0	25	63	70	>5.00	<1	0.03	10
L37+00N 1+50W	Soil	<5	0.4	4.33	46	82	7	0.54	<1.0	25	63	72	>5.00	<1	0.03	11
L37+00N 2+00W	Soil	<5	0.3	5.00	52	73	6	0.58	1.0	25	67	65	>5.00	<1	0.02	7
L37+00N 2+50W	Soil	<5	0.4	>5.00	53	65	6	0.54	<1.0	25	68	70	>5.00	<1	0.03	9
L37+00N 3+00W	Soil	<5	0.6	4.63	44	103	7	0.54	<1.0	25	67	81	>5.00	<1	0.03	7
L37+00N 3+50W	Soil	<5	0.5	4.22	40	82	5	0.46	<1.0	26	63	87	>5.00	<1	0.03	8
L37+00N 4+00W	Soil	<5	0.6	4.10	43	65	4	0.43	<1.0	19	61	110	>5.00	<1	0.03	10
L37+00N 4+50W	Soil	5	0.6	>5.00	62	53	5	0.49	1.0	25	74	146	>5.00	<1	0.03	14
L37+00N 5+00W	Soil	30	0.3	1.94	17	35	5	0.60	1.0	16	34	22	3.96	<1	0.02	10
L37+00N 5+50W	Soil	10	0.3	2.01	19	37	6	0.61	1.0	17	35	23	4.06	<1	0.02	11
L37+00N 6+00W	Soil	<5	0.8	2.26	20	76	5	0.40	1.0	25	42	39	4.24	<1	0.04	7
L37+00N 6+50W	Soil	<5	0.8	2.44	22	80	4	0.46	<1.0	31	49	44	>5.00	<1	0.04	7
L37+00N 7+00W	Soil	<5	0.5	>5.00	64	134	4	0.55	2.0	27	74	64	>5.00	<1	0.05	10
L37+00N 7+50W	Soil	5	0.5	>5.00	65	119	9	0.49	1.0	29	83	78	>5.00	<1	0.04	10
L37+00N 8+00W	Soil	<5	0.5	>5.00	61	67	7	0.56	1.0	30	90	116	>5.00	<1	0.03	12
L37+00N 8+50W	Soil	<5	0.5	>5.00	57	67	7	0.59	1.0	30	88	111	>5.00	<1	0.03	11
L37+00N 9+00W	Soil	<5	0.6	>5.00	54	88	7	0.60	<1.0	30	82	138	>5.00	<1	0.04	11
L37+00N 9+50W	Soil	<5	0.6	>5.00	55	85	5	0.62	1.0	30	82	141	>5.00	<1	0.04	11
L37+00N 10+00W	Soil	30	0.5	>5.00	57	81	3	0.61	1.0	31	85	146	>5.00	<1	0.03	12
L37+00N 10+50W	Soil	<5	0.6	3.19	27	105	3	0.52	<1.0	25	71	56	>5.00	<1	0.03	7
L37+00N 11+00W	Soil	5	0.6	3.14	23	83	4	0.52	<1.0	26	73	67	>5.00	<1	0.03	7
L37+00N 11+50W	Soil	25	0.6	2.86	26	105	3	0.52	<1.0	25	70	55	>5.00	<1	0.02	7
L37+00N 12+00W	Soil	10	0.6	3.82	36	89	7	0.54	<1.0	26	82	59	>5.00	<1	0.04	6
L39+00N 0+00	Soil	15	0.3	>5.00	64	48	6	0.43	1.0	21	74	78	>5.00	<1	0.02	6
L39+00N 0+50W	Soil	<5	0.4	4.30	40	80	3	0.34	<1.0	21	60	51	>5.00	<1	0.02	8
L39+00N 1+00W	Soil	10	1.4	>5.00	55	125	7	0.82	1.0	35	69	97	>5.00	<1	0.04	49
L39+00N 1+50W	Soil	<5	0.5	>5.00	56	84	7	0.45	1.0	26	72	101	>5.00	<1	0.03	10
L39+00N 2+00W	Soil	<5	0.5	4.52	43	70	5	0.48	1.0	23	67	66	>5.00	<1	0.04	8
L39+00N 2+50W	Soil	20	0.6	4.22	39	68	6	0.43	1.0	22	65	61	>5.00	<1	0.03	7
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 16 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L35+00N 8+50W	0.91	476	4	0.01	36	0.08	45	7	17	<10	0.46	<10	204	<5	65	16
L35+00N 9+00W	0.69	604	3	0.01	28	0.10	47	11	19	<10	0.41	<10	177	<5	75	11
L35+00N 9+50W	0.43	202	3	0.01	21	0.03	28	12	23	<10	0.49	<10	247	<5	44	7
L35+00N 10+00W	0.75	548	4	0.01	36	0.11	49	9	18	<10	0.48	<10	196	<5	80	10
L35+00N 10+50W	0.50	281	3	0.01	21	0.05	34	10	19	<10	0.41	<10	180	<5	81	9
L35+00N 11+00W	0.21	383	2	0.02	14	0.03	24	7	20	<10	0.28	<10	150	<5	68	7
L35+00N 11+50W	0.57	565	4	0.01	34	0.04	39	11	22	<10	0.47	<10	193	<5	65	11
L35+00N 12+00W	0.55	419	4	0.01	36	0.05	47	8	21	<10	0.49	<10	199	<5	65	12
L37+00N 0+00	0.57	301	3	0.01	31	0.05	42	10	19	<10	0.44	<10	200	<5	52	14
L37+00N 0+50W	0.44	266	4	0.01	25	0.05	37	8	13	<10	0.38	<10	185	<5	45	10
L37+00N 1+00W	0.51	1199	3	0.01	31	0.06	36	7	15	<10	0.39	<10	181	<5	73	8
L37+00N 1+50W	0.48	1182	4	0.01	31	0.06	37	9	17	<10	0.40	<10	182	<5	69	9
L37+00N 2+00W	0.54	491	4	0.01	33	0.05	41	11	19	<10	0.45	<10	205	<5	54	10
L37+00N 2+50W	0.53	383	4	0.01	32	0.04	42	9	17	<10	0.46	<10	204	<5	52	11
L37+00N 3+00W	0.51	1864	4	0.01	34	0.06	41	8	20	<10	0.40	<10	201	<5	103	8
L37+00N 3+50W	0.40	934	3	0.01	34	0.05	36	8	19	<10	0.40	<10	183	<5	103	9
L37+00N 4+00W	0.41	1487	3	0.02	24	0.10	42	5	17	<10	0.30	<10	161	<5	63	4
L37+00N 4+50W	0.64	1251	3	0.01	33	0.10	50	12	17	<10	0.40	<10	202	<5	70	9
L37+00N 5+00W	0.38	338	2	0.01	16	0.03	22	5	22	<10	0.25	<10	147	<5	34	3
L37+00N 5+50W	0.39	371	3	0.02	17	0.03	22	7	22	<10	0.25	<10	151	<5	32	3
L37+00N 6+00W	0.20	3288	2	0.02	15	0.15	26	6	18	<10	0.26	<10	107	<5	88	3
L37+00N 6+50W	0.22	3513	2	0.02	18	0.16	30	8	23	<10	0.30	<10	120	<5	97	2
L37+00N 7+00W	0.54	1649	3	0.01	38	0.06	47	15	29	<10	0.42	<10	179	<5	88	8
L37+00N 7+50W	0.59	1331	4	0.01	44	0.06	51	10	25	<10	0.45	<10	195	<5	90	11
L37+00N 8+00W	0.99	448	4	0.02	45	0.04	50	11	21	<10	0.51	<10	229	<5	68	23
L37+00N 8+50W	1.00	533	5	0.01	44	0.04	48	10	21	<10	0.50	<10	227	<5	65	21
L37+00N 9+00W	1.21	520	4	0.02	48	0.04	42	9	21	<10	0.46	<10	202	<5	58	18
L37+00N 9+50W	1.26	569	4	0.02	48	0.04	42	11	22	<10	0.46	<10	203	<5	60	18
L37+00N 10+00W	1.27	523	5	0.01	49	0.04	44	10	22	<10	0.48	<10	208	<5	62	18
L37+00N 10+50W	0.43	2066	5	0.01	30	0.05	33	6	24	<10	0.35	<10	167	<5	78	5
L37+00N 11+00W	0.40	1480	4	0.02	30	0.04	28	7	24	<10	0.37	<10	174	<5	84	5
L37+00N 11+50W	0.40	2063	3	0.02	28	0.04	28	8	24	<10	0.35	<10	171	<5	85	5
L37+00N 12+00W	0.62	1562	3	0.02	34	0.06	35	8	22	<10	0.37	<10	197	<5	78	5
L39+00N 0+00	0.44	525	4	0.01	24	0.10	49	13	17	<10	0.42	<10	205	<5	68	12
L39+00N 0+50W	0.20	1432	3	0.01	19	0.14	36	8	15	<10	0.34	<10	181	<5	97	6
L39+00N 1+00W	0.47	6180	4	0.02	37	0.07	48	8	22	<10	0.37	<10	158	<5	73	9
L39+00N 1+50W	0.50	1937	4	0.02	31	0.26	44	13	17	<10	0.38	<10	179	<5	120	7
L39+00N 2+00W	0.44	1892	3	0.01	26	0.09	44	13	21	<10	0.49	<10	204	<5	78	11
L39+00N 2+50W	0.40	1909	4	0.01	24	0.09	40	11	19	<10	0.46	<10	197	<5	73	10
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 17 of 18 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L39+00N 3+00W	Soil	10	0.6	>5.00	75	91	3	0.50	1.0	26	90	98	>5.00	<1	0.03	10
L39+00N 3+50W	Soil	<5	0.2	>5.00	67	118	6	0.62	2.0	30	82	108	>5.00	<1	0.03	12
L39+00N 4+00W	Soil	<5	0.4	>5.00	56	100	8	0.87	<1.0	27	72	98	>5.00	<1	0.02	12
L39+00N 4+50W	Soil	20	0.8	>5.00	57	60	6	0.50	1.0	32	84	102	>5.00	<1	0.04	11
L39+00N 5+00W	Soil	10	0.6	>5.00	57	49	9	0.45	1.0	32	87	105	>5.00	<1	0.03	11
L39+00N 5+50W	Soil	<5	0.5	4.26	37	49	7	0.44	<1.0	20	68	56	>5.00	<1	0.03	7
L39+00N 6+00W	Soil	15	0.6	4.01	36	70	8	0.47	<1.0	58	54	50	>5.00	<1	0.03	15
L39+00N 6+50W	Soil	<5	0.5	>5.00	45	59	8	0.55	<1.0	28	81	87	>5.00	<1	0.03	8
L39+00N 7+00W	Soil	10	0.4	4.29	39	64	7	0.49	<1.0	21	61	42	>5.00	<1	0.03	8
L39+00N 7+50W	Soil	<5	0.5	>5.00	53	56	<2	0.47	<1.0	22	64	77	>5.00	<1	0.03	8
L39+00N 8+00W	Soil	<5	0.5	>5.00	104	60	10	0.52	2.0	27	98	99	>5.00	<1	0.03	8
L39+00N 8+50W	Soil	<5	0.4	2.10	22	59	6	0.60	1.0	16	34	29	3.78	<1	0.02	7
L39+00N 9+00W	Soil	<5	0.9	>5.00	58	66	5	0.76	1.0	33	71	100	>5.00	<1	0.03	14
L39+00N 9+50W	Soil	<5	0.6	3.29	30	58	3	0.65	1.0	24	57	59	>5.00	<1	0.03	7
L39+00N 10+00W	Soil	<5	0.5	>5.00	55	61	10	0.55	1.0	27	75	65	>5.00	<1	0.03	7
L39+00N 10+50W	Soil	<5	0.4	3.94	38	53	5	0.51	<1.0	23	54	63	>5.00	<1	0.02	7
L39+00N 11+00W	Soil	<5	0.6	4.36	52	57	3	0.56	2.0	25	58	70	>5.00	<1	0.03	8
L39+00N 11+50W	Soil	<5	0.4	4.02	40	54	5	0.51	1.0	24	54	60	>5.00	<1	0.03	7
L39+00N 12+00W	Soil	<5	0.4	4.53	46	54	7	0.55	1.0	24	58	67	>5.00	<1	0.02	7
L41+00N 0+00	Soil	<5	0.5	4.95	47	64	7	0.46	<1.0	22	70	70	>5.00	<1	0.03	9
L41+00N 0+50W	Soil	5	0.4	>5.00	54	71	6	0.61	<1.0	26	77	97	>5.00	<1	0.04	11
L41+00N 1+00W	Soil	<5	0.3	>5.00	53	59	6	0.45	1.0	27	73	53	>5.00	<1	0.02	18
L41+00N 1+50W	Soil	<5	0.5	>5.00	48	61	6	0.38	<1.0	20	76	57	>5.00	<1	0.04	11
L41+00N 2+00W	Soil	<5	0.6	>5.00	79	56	12	0.41	1.0	18	87	62	>5.00	<1	0.03	7
L41+00N 2+50W	Soil	<5	0.6	3.37	45	59	<2	1.17	<1.0	36	43	103	2.94	<1	0.03	152
L41+00N 3+00W	Soil	<5	0.6	2.04	5	48	7	0.75	2.0	38	61	17	>5.00	<1	0.02	10
L41+00N 3+50W	Soil	<5	0.7	2.31	15	115	5	0.58	<1.0	24	43	43	>5.00	<1	0.03	7
L41+00N 4+00W	Soil	<5	0.7	>5.00	57	90	2	0.48	1.0	23	70	61	>5.00	<1	0.03	8
L41+00N 4+50W	Soil	<5	0.6	4.72	46	79	8	0.60	<1.0	22	58	83	>5.00	<1	0.04	9
L41+00N 5+00W	Soil	<5	0.6	3.48	30	74	7	0.52	<1.0	25	62	53	>5.00	<1	0.02	8
L41+00N 5+50W	Soil	<5	0.4	3.75	31	41	8	0.60	<1.0	45	73	54	>5.00	<1	0.02	13
L41+00N 6+00W	Soil	15	0.6	>5.00	61	61	9	0.51	<1.0	28	91	87	>5.00	<1	0.03	8
L41+00N 6+50W	Soil	<5	0.6	>5.00	77	63	5	0.58	2.0	30	96	95	>5.00	<1	0.04	7
L41+00N 7+00W	Soil	<5	0.9	3.05	22	112	9	0.65	<1.0	28	71	30	>5.00	<1	0.03	8
L41+00N 7+50W	Soil	5	0.8	4.55	46	97	6	0.67	1.0	29	70	84	>5.00	<1	0.06	13
L41+00N 8+00W	Soil	<5	0.2	4.76	49	71	6	0.57	<1.0	26	75	83	>5.00	<1	0.03	6
L41+00N 8+50W	Soil	<5	0.5	3.03	20	89	<2	0.29	1.0	34	167	227	>5.00	1	0.05	7
L41+00N 9+00W	Soil	<5	0.8	2.60	24	129	2	0.84	<1.0	25	48	43	>5.00	<1	0.04	10
L41+00N 9+50W	Soil	15	0.6	1.40	9	65	4	0.73	1.0	18	40	10	4.12	<1	0.02	7
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 17 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L39+00N 3+00W	0.65	481	3	0.01	40	0.06	57	17	19	<10	0.44	<10	223	<5	67	20
L39+00N 3+50W	0.85	531	4	0.01	45	0.04	53	11	20	<10	0.44	<10	205	<5	73	16
L39+00N 4+00W	0.85	600	4	0.02	43	0.05	42	12	20	<10	0.37	<10	172	<5	74	13
L39+00N 4+50W	0.61	2057	3	0.01	36	0.13	44	14	17	<10	0.40	<10	197	<5	79	9
L39+00N 5+00W	0.60	1772	4	0.01	34	0.12	46	10	16	<10	0.39	<10	194	<5	75	9
L39+00N 5+50W	0.42	949	4	0.01	24	0.11	35	6	16	<10	0.35	<10	180	<5	61	9
L39+00N 6+00W	0.41	1797	4	0.01	34	0.08	36	7	17	<10	0.39	<10	177	<5	81	7
L39+00N 6+50W	0.82	582	4	0.01	40	0.05	45	7	20	<10	0.50	<10	213	<5	69	21
L39+00N 7+00W	0.41	506	3	0.01	23	0.05	39	7	21	<10	0.45	<10	181	<5	50	10
L39+00N 7+50W	0.62	529	4	0.01	33	0.06	45	6	18	<10	0.42	<10	160	<5	72	12
L39+00N 8+00W	0.81	526	4	<0.01	41	0.11	61	19	21	<10	0.52	<10	214	<5	77	20
L39+00N 8+50W	0.39	675	2	0.02	16	0.03	24	8	23	<10	0.32	<10	141	<5	52	5
L39+00N 9+00W	0.86	1860	4	0.01	40	0.08	45	15	22	<10	0.43	<10	197	<5	89	11
L39+00N 9+50W	0.56	629	3	0.02	27	0.04	32	12	21	<10	0.45	<10	208	<5	83	9
L39+00N 10+00W	0.69	701	4	0.01	36	0.08	50	11	21	<10	0.55	<10	234	<5	62	8
L39+00N 10+50W	0.46	1537	3	0.02	21	0.19	35	7	19	<10	0.39	<10	157	<5	80	6
L39+00N 11+00W	0.52	1610	2	0.01	26	0.20	38	19	22	<10	0.43	<10	174	<5	87	6
L39+00N 11+50W	0.45	1358	3	0.02	22	0.19	38	9	20	<10	0.41	<10	159	<5	84	6
L39+00N 12+00W	0.51	1164	3	0.02	24	0.17	40	11	22	<10	0.43	<10	170	<5	87	8
L41+00N 0+00	0.52	1524	3	0.01	26	0.10	45	7	17	<10	0.40	<10	183	<5	68	13
L41+00N 0+50W	0.80	1222	4	0.02	37	0.08	53	9	21	<10	0.39	<10	193	<5	69	19
L41+00N 1+00W	0.49	225	3	0.01	42	0.04	45	19	24	<10	0.43	<10	249	<5	42	9
L41+00N 1+50W	0.33	542	4	0.01	26	0.06	50	7	19	<10	0.38	<10	216	<5	57	13
L41+00N 2+00W	0.39	393	4	0.01	24	0.09	63	19	18	<10	0.44	<10	211	<5	65	17
L41+00N 2+50W	0.20	1663	3	0.02	44	0.14	33	<5	32	<10	0.08	<10	52	<5	45	<1
L41+00N 3+00W	0.26	841	3	0.01	18	0.03	30	15	25	<10	0.52	<10	244	<5	44	8
L41+00N 3+50W	0.43	2745	3	0.02	24	0.04	25	6	21	<10	0.36	<10	156	<5	119	7
L41+00N 4+00W	0.43	2039	2	0.01	29	0.14	46	11	20	<10	0.38	<10	179	<5	116	10
L41+00N 4+50W	0.45	1160	3	0.01	28	0.07	44	7	26	<10	0.41	<10	175	<5	71	10
L41+00N 5+00W	0.46	910	4	0.01	27	0.06	34	7	19	<10	0.40	<10	196	<5	60	12
L41+00N 5+50W	0.50	635	4	0.02	33	0.03	38	9	19	<10	0.46	<10	202	<5	40	10
L41+00N 6+00W	0.67	464	4	<0.01	43	0.08	56	5	17	<10	0.42	<10	203	<5	77	14
L41+00N 6+50W	0.86	594	4	0.01	50	0.13	58	19	20	<10	0.47	<10	228	<5	113	9
L41+00N 7+00W	0.50	2507	3	0.02	30	0.10	31	12	24	<10	0.47	<10	205	<5	108	3
L41+00N 7+50W	0.56	1399	2	0.02	33	0.14	39	18	26	<10	0.50	<10	218	<5	87	9
L41+00N 8+00W	0.67	781	3	0.01	42	0.10	39	10	20	<10	0.37	<10	188	<5	79	9
L41+00N 8+50W	0.52	1117	3	<0.01	72	0.09	27	45	12	11	0.08	<10	288	<5	124	<1
L41+00N 9+00W	0.42	2248	2	0.01	23	0.11	33	11	30	<10	0.38	<10	154	<5	95	4
L41+00N 9+50W	0.15	2060	1	0.01	10	0.08	23	9	22	<10	0.32	<10	128	<5	49	4
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

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Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
L41+00N 10+00W	Soil	<5	0.6	3.47	39	95	6	0.65	1.0	25	54	60	>5.00	<1	0.03	9
L41+00N 10+50W	Soil	<5	0.5	3.59	37	80	3	0.59	1.0	23	54	64	>5.00	<1	0.03	8
L41+00N 11+00W	Soil	10	0.3	3.22	29	60	5	0.58	<1.0	25	53	50	>5.00	<1	0.03	8
L41+00N 11+50W	Soil	<5	0.4	4.23	42	72	8	0.68	1.0	29	64	64	>5.00	<1	0.03	8
L41+00N 12+00W	Soil	5	0.5	3.89	38	73	8	0.68	<1.0	27	60	59	>5.00	<1	0.03	8
L44+00N 0+00	Soil	5	1.0	2.05	17	125	7	0.91	1.0	22	40	56	3.86	<1	0.03	7
L44+00N 0+50W	Soil	30	0.8	>5.00	49	39	8	0.54	<1.0	20	69	87	>5.00	<1	0.03	8
L44+00N 1+00W	Soil	5	0.4	2.94	23	76	4	0.46	1.0	22	61	65	>5.00	<1	0.03	8
L44+00N 1+50W	Soil	<5	0.4	4.21	36	78	7	0.54	<1.0	24	66	42	>5.00	<1	0.03	10
L44+00N 2+00W	Soil	<5	0.6	3.47	67	87	3	0.50	1.0	22	59	42	>5.00	<1	0.03	6
L44+00N 2+50W	Soil	<5	0.6	>5.00	64	64	10	0.49	1.0	27	75	93	>5.00	<1	0.06	20
L44+00N 3+00W	Soil	15	0.4	>5.00	48	71	9	0.53	<1.0	25	66	62	>5.00	<1	0.03	8
L44+00N 3+50W	Soil	<5	0.9	5.00	53	80	5	0.61	1.0	27	67	80	>5.00	<1	0.04	10
L44+00N 4+00W	Soil	<5	0.6	4.12	36	64	9	0.56	<1.0	26	68	94	>5.00	<1	0.03	11
L44+00N 4+50W	Soil	<5	0.4	4.91	51	58	5	0.48	<1.0	22	65	69	>5.00	<1	0.03	10
L44+00N 5+00W	Soil	10	0.5	>5.00	62	56	7	0.49	1.0	24	74	89	>5.00	<1	0.03	13
L44+00N 5+50W	Soil	<5	0.4	1.63	14	109	7	0.59	1.0	17	39	15	3.94	<1	0.02	8
L44+00N 6+00W	Soil	<5	0.5	3.82	42	149	7	0.57	1.0	22	59	42	>5.00	<1	0.03	9
L44+00N 6+50W	Soil	<5	0.5	2.98	25	115	9	0.62	<1.0	21	53	30	>5.00	<1	0.02	8
L44+00N 7+00W	Soil	<5	0.5	3.16	29	119	10	0.68	<1.0	22	55	33	>5.00	<1	0.03	11
L46+00N 0+00	Soil	<5	0.7	1.50	19	61	16	0.43	1.0	23	68	31	>5.00	<1	0.04	13
L46+00N 0+50W	Soil	<5	1.4	4.00	23	102	6	0.30	1.0	51	70	192	>5.00	<1	0.04	9
L46+00N 1+00W	Soil	30	0.5	>5.00	59	68	11	0.40	1.0	45	85	150	>5.00	<1	0.04	17
L46+00N 1+50W	Soil	<5	0.6	2.03	15	62	9	0.30	<1.0	30	67	99	>5.00	<1	0.03	8
L46+00N 2+00W	Soil	15	0.3	4.54	44	30	6	0.37	<1.0	18	58	87	>5.00	<1	0.03	9
L46+00N 2+50W	Soil	<5	0.5	>5.00	62	44	3	0.48	<1.0	23	71	123	>5.00	<1	0.03	13
L46+00N 3+00W	Soil	<5	0.7	4.79	42	88	6	0.52	<1.0	27	74	145	>5.00	<1	0.03	8
L46+00N 3+50W	Soil	<5	0.2	1.02	16	63	<2	0.15	<1.0	19	69	92	>5.00	<1	0.03	3
L46+00N 4+00W	Soil	<5	1.1	1.52	8	67	15	0.49	<1.0	33	54	129	>5.00	<1	0.03	6
L46+00N 4+50W	Soil	25	0.2	1.58	19	75	9	0.42	<1.0	23	67	104	>5.00	<1	0.03	8
L46+00N 5+00W	Soil	10	0.5	>5.00	54	60	8	0.57	2.0	26	68	88	>5.00	<1	0.04	11
L46+00N 5+50W	Soil	10	0.6	4.61	43	79	10	0.60	<1.0	24	77	83	>5.00	<1	0.03	10
L46+00N 6+00W	Soil	<5	0.4	3.16	37	70	7	1.12	1.0	22	48	58	3.73	<1	0.02	18
L46+00N 6+50W	Soil	<5	0.3	3.44	30	145	5	0.59	<1.0	24	58	80	>5.00	<1	0.04	9
L46+00N 7+00W	Soil	<5	0.3	4.73	54	112	8	0.51	2.0	20	58	44	4.76	<1	0.03	8
L46+00N 7+50W	Soil	5	1.4	>5.00	76	146	8	0.67	3.0	54	255	131	>5.00	<1	0.06	19
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900040 R Reliance Geological Services Ltd. Project: Stamp Page 18 of 18 Section 2 of 2

Sample Name	Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
L41+00N 10+00W	0.59	1466	2	0.01	28	0.12	36	14	21	<10	0.39	<10	169	<5	106	6
L41+00N 10+50W	0.66	1067	3	0.01	31	0.13	35	9	18	<10	0.37	<10	166	<5	95	6
L41+00N 11+00W	0.50	641	3	0.01	26	0.09	32	7	20	<10	0.43	<10	162	<5	94	7
L41+00N 11+50W	0.66	714	3	0.01	34	0.11	39	13	22	<10	0.49	<10	193	<5	103	9
L41+00N 12+00W	0.63	790	3	0.01	31	0.11	37	11	22	<10	0.46	<10	180	<5	99	8
L44+00N 0+00	0.74	5039	3	0.02	24	0.09	27	6	26	<10	0.34	<10	140	<5	74	6
L44+00N 0+50W	0.52	1009	4	0.01	23	0.17	46	<5	19	<10	0.39	<10	196	<5	60	14
L44+00N 1+00W	0.22	1631	2	0.01	21	0.10	31	10	21	<10	0.29	<10	165	<5	90	4
L44+00N 1+50W	0.47	811	4	0.01	30	0.07	39	9	21	<10	0.42	<10	215	<5	50	10
L44+00N 2+00W	0.28	804	3	0.01	28	0.06	39	12	20	<10	0.42	<10	197	<5	81	9
L44+00N 2+50W	0.54	832	3	0.01	35	0.10	52	14	20	<10	0.45	<10	196	<5	71	15
L44+00N 3+00W	0.49	607	5	0.01	29	0.08	48	8	22	<10	0.51	<10	218	<5	62	13
L44+00N 3+50W	0.72	771	3	0.02	39	0.09	43	16	24	<10	0.48	<10	209	<5	70	10
L44+00N 4+00W	0.73	632	4	0.01	36	0.08	39	8	22	<10	0.48	<10	201	<5	73	15
L44+00N 4+50W	0.43	680	4	0.01	27	0.10	42	9	20	<10	0.43	<10	178	<5	68	12
L44+00N 5+00W	0.43	774	4	0.01	28	0.15	47	16	21	<10	0.49	<10	210	<5	91	15
L44+00N 5+50W	0.34	2156	2	0.02	15	0.08	22	8	22	<10	0.33	<10	122	<5	71	4
L44+00N 6+00W	0.48	1588	4	0.01	28	0.07	37	13	31	<10	0.41	<10	172	<5	87	6
L44+00N 6+50W	0.48	1384	3	0.01	25	0.06	30	11	22	<10	0.42	<10	184	<5	59	3
L44+00N 7+00W	0.51	1442	4	0.01	26	0.06	32	10	26	<10	0.44	<10	190	<5	62	4
L46+00N 0+00	0.22	693	3	0.01	14	0.09	33	17	28	<10	0.82	<10	239	<5	74	30
L46+00N 0+50W	0.27	8105	4	0.01	39	0.30	43	10	24	<10	0.45	<10	165	<5	190	12
L46+00N 1+00W	0.43	1743	4	0.01	47	0.10	55	18	19	<10	0.49	<10	222	<5	95	16
L46+00N 1+50W	0.22	1796	4	<0.01	21	0.12	28	13	20	<10	0.54	<10	223	<5	108	7
L46+00N 2+00W	0.46	548	4	0.01	23	0.12	38	9	13	<10	0.35	<10	191	<5	52	10
L46+00N 2+50W	0.57	821	4	0.01	29	0.14	48	16	17	<10	0.47	<10	223	<5	81	16
L46+00N 3+00W	0.46	1176	4	0.01	38	0.07	41	18	22	<10	0.42	<10	228	<5	94	13
L46+00N 3+50W	0.09	1638	4	<0.01	33	0.10	12	51	8	<10	0.03	<10	272	<5	81	<1
L46+00N 4+00W	0.34	2888	4	0.01	14	0.13	23	16	49	<10	0.76	<10	272	<5	62	9
L46+00N 4+50W	0.32	1107	6	<0.01	44	0.09	25	50	18	10	0.14	<10	312	<5	114	1
L46+00N 5+00W	0.70	1067	3	0.01	32	0.12	46	14	20	<10	0.44	<10	201	<5	81	15
L46+00N 5+50W	0.70	1312	4	0.01	33	0.11	40	10	20	<10	0.42	<10	203	<5	72	10
L46+00N 6+00W	0.49	1614	2	0.02	28	0.06	35	7	28	<10	0.27	<10	119	<5	52	4
L46+00N 6+50W	0.34	1472	3	0.02	34	0.06	34	13	24	<10	0.30	<10	170	<5	86	6
L46+00N 7+00W	0.41	960	3	0.02	23	0.08	44	9	26	<10	0.40	<10	164	<5	67	9
L46+00N 7+50W	1.65	3752	4	0.01	85	0.11	64	22	27	<10	0.51	<10	306	<5	142	15
Minimum Detection	0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection	10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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R E P O R T S U M M A R Y Report:[8900057 R]

A N A L Y T I C A L R E P O R T

Origin Inception Date:[Oct 10, 1989]

Client:[	199	Reliance Geological Services Ltd.]
Contact:[		Mr. Roger Kidlark]
Project:[	0	Stamp]
Amount/Type:[	22	Soil -Rock Reject Stored 3 Mon]
[		-Soil Reject Discarded]

Analytical Requisition

Geochemical:[Au]
Assay:[None] ICP:[30]
Comments:[None]

Delivery Information Reporting Date:[Oct 12, 1989]

Principal Destination (Hardcopy,Fascimile,Invoice)

Company:[Reliance Geological Services Ltd.]
Address:[241 East 1st Street]
City/Province:[North Vancouver, B.C.]
Country/Postal:[V7L 1B4]
Attention:[Mr. Roger Kidlark]
Facsimile:[(604)986-6150]

Secondary Destination (Hardcopy)

Company:[ ]
Address:[ ]
City/Province:[ ]
Country/Postal:[ ]
Attention:[ ]
Facsimile:[ ]

1 data pages in this report. Approved by: _____

B.C. Certified Assayers

IPL CODE: 891012-19:27:27

Report: 8900057 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 1 Section 1 of 2

Sample Name	Type	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Hg ppm	K %	La ppm
ST-89 L29+00N 0+00	Soil	<5	0.3	>5.00	110	46	7	0.41	2.6	21	71	99	>5.00	<1	0.02	12
ST-89 L29+00N 0+50W	Soil	<5	0.3	4.48	102	44	6	0.28	2.3	18	62	32	4.64	<1	0.02	4
ST-89 L29+00N 1+00W	Soil	10	0.7	2.19	48	108	5	0.58	1.7	21	65	28	3.86	<1	0.02	4
ST-89 L29+00N 1+50W	Soil	<5	0.4	3.52	85	65	6	0.30	2.1	18	56	63	4.43	<1	0.02	6
ST-89 L29+00N 2+00W	Soil	<5	0.8	2.40	55	121	<2	0.35	1.5	17	39	51	3.72	<1	0.02	6
ST-89 L29+00N 2+50W	Soil	<5	0.4	2.69	61	38	5	0.39	1.6	36	40	40	3.80	<1	0.02	18
ST-89 L29+00N 3+00W	Soil	<5	0.8	3.00	69	87	8	0.39	2.1	18	53	43	4.62	<1	0.03	4
ST-89 L29+00N 3+50W	Soil	<5	0.4	4.19	92	41	5	0.35	2.1	26	69	87	3.55	<1	0.02	10
ST-89 L29+00N 4+00W	Soil	<5	0.4	3.00	68	42	4	0.37	2.4	18	57	30	>5.00	<1	0.02	4
ST-89 L29+00N 4+50W	Soil	<5	0.4	2.85	64	59	9	0.88	2.3	37	54	54	>5.00	<1	0.02	18
ST-89 L29+00N 5+00W	Soil	<5	0.3	3.10	69	45	3	0.40	2.1	17	55	49	4.71	<1	0.02	6
ST-89 L29+00N 5+50W	Soil	<5	0.3	3.15	74	47	5	0.55	2.6	21	66	42	>5.00	<1	0.02	5
ST-89 L29+00N 6+50W	Soil	<5	0.5	1.97	44	53	2	0.34	1.6	16	43	32	3.93	<1	0.02	5
ST-89 L29+00N 7+00W	Soil	<5	0.5	3.63	81	51	8	1.13	3.0	32	74	125	>5.00	<1	0.04	11
ST-89 L15+00W 0+00	Soil	10	0.3	>5.00	116	55	6	0.21	3.1	21	78	100	>5.00	<1	0.03	9
ST-89 L15+00W 0+50N	Soil	<5	0.4	>5.00	147	55	8	0.21	3.1	22	86	91	>5.00	1	0.03	7
ST-89 L15+00W 0+75N	Soil	20	1.0	>5.00	115	58	5	0.28	2.9	23	77	132	>5.00	<1	0.03	7
ST-89 L15+00W 1+00N	Soil	10	0.5	2.38	56	46	4	0.24	1.7	16	36	50	4.34	<1	0.02	10
ST-89 L15+00W 1+25N	Soil	<5	0.3	4.00	90	37	8	0.28	2.3	19	54	93	>5.00	2	0.02	5
ST-89 L15+00W 1+50N	Soil	20	0.4	>5.00	129	44	5	0.29	3.4	26	81	137	>5.00	<1	0.04	6
ST-89 L15+00W 1+75N	Soil	5	0.5	4.98	204	61	<2	0.51	3.3	32	78	166	>5.00	<1	0.04	14
ST-89 L15+00W 2+00N	Soil	5	0.3	2.75	86	54	4	0.34	2.5	26	49	54	>5.00	<1	0.03	6
Minimum Detection		5	0.1	0.01	5	2	2	0.01	1.0	1	1	1	0.01	1	0.01	2
Maximum Detection		10000	100.0	5.00	10000	10000	10000	10.00	10000.0	10000	10000	20000	5.00	10000	10.00	10000
Method		GeoSp	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

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Report: 8900057 R Reliance Geological Services Ltd. Project: Stamp Page 1 of 1 Section 2 of 2

Sample Name		Mg %	Mn ppm	Mo ppm	Na %	Ni ppm	P %	Pb ppm	Sb ppm	Sr ppm	Th ppm	Ti %	U ppm	V ppm	W ppm	Zn ppm	Zr ppm
ST-89 L29+00N	0+00	0.71	1137	2	0.02	32	0.07	49	11	12	<10	0.41	<10	182	<5	51	15
ST-89 L29+00N	0+50W	0.37	288	1	0.02	26	0.04	45	9	10	<10	0.40	<10	154	<5	39	8
ST-89 L29+00N	1+00W	0.45	2916	1	0.02	24	0.04	27	7	25	<10	0.42	<10	137	<5	58	4
ST-89 L29+00N	1+50W	0.33	898	1	0.02	22	0.05	36	13	11	<10	0.32	<10	145	<5	66	8
ST-89 L29+00N	2+00W	0.24	4318	<1	0.02	17	0.10	27	5	13	<10	0.25	<10	103	<5	86	2
ST-89 L29+00N	2+50W	0.61	1790	1	0.02	27	0.04	27	7	11	<10	0.23	<10	115	<5	56	1
ST-89 L29+00N	3+00W	0.35	3058	1	0.02	19	0.12	33	7	12	<10	0.34	<10	153	<5	71	5
ST-89 L29+00N	3+50W	0.87	473	1	0.02	40	0.03	43	8	10	<10	0.36	<10	128	<5	54	15
ST-89 L29+00N	4+00W	0.47	349	1	0.02	21	0.04	32	11	14	<10	0.47	<10	207	<5	38	6
ST-89 L29+00N	4+50W	0.69	670	2	0.03	28	0.03	33	8	19	<10	0.33	<10	169	<5	65	5
ST-89 L29+00N	5+00W	0.46	376	1	0.02	21	0.04	34	8	13	<10	0.32	<10	166	<5	47	9
ST-89 L29+00N	5+50W	0.52	392	1	0.02	29	0.03	34	13	20	<10	0.44	<10	194	<5	48	8
ST-89 L29+00N	6+50W	0.25	1496	1	0.02	13	0.06	25	6	15	<10	0.28	<10	130	<5	56	4
ST-89 L29+00N	7+00W	1.93	1047	2	0.05	46	0.06	48	10	29	<10	0.39	<10	181	<5	158	18
ST-89 L15+00W	0+00	0.57	473	1	0.02	23	0.10	56	5	10	<10	0.32	<10	185	<5	73	10
ST-89 L15+00W	0+50N	0.82	612	1	0.02	35	0.11	62	12	9	<10	0.30	<10	165	<5	90	9
ST-89 L15+00W	0+75N	0.88	1640	2	0.02	31	0.12	52	8	11	<10	0.30	<10	170	<5	86	8
ST-89 L15+00W	1+00N	0.30	930	1	0.02	13	0.04	33	6	11	<10	0.15	<10	127	<5	64	2
ST-89 L15+00W	1+25N	0.52	645	2	0.02	23	0.09	40	7	12	<10	0.28	<10	153	<5	95	5
ST-89 L15+00W	1+50N	0.76	625	2	0.02	34	0.11	57	11	12	<10	0.38	<10	193	<5	98	9
ST-89 L15+00W	1+75N	1.29	834	3	0.03	60	0.08	48	10	16	<10	0.32	<10	173	<5	189	9
ST-89 L15+00W	2+00N	0.67	1390	2	0.02	22	0.07	34	10	13	<10	0.38	<10	172	<5	108	3
Minimum Detection		0.01	1	1	0.01	1	0.01	2	5	1	10	0.01	10	5	5	1	1
Maximum Detection		10.00	10000	1000	5.00	10000	1.00	20000	1000	10000	1000	1.00	1000	10000	1000	20000	10000
Method		ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP	ICP

-- = Not Analysed unr = Not Requested ins = Insufficient Sample

ib1
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Method of ICP Multi-element Analyses

(a) 0.50 grams of sample is digested with diluted aqua regia solution by heating in a hot water bath for 90 minutes, then cooled, bulked up to a fixed volume with demineralized water, and thoroughly mixed.

(b) The specific elements are determined using an Inductively Coupled Argon Plasma spectrophotometer. All elements are corrected for inter-element interference. All data are subsequently stored onto computer diskette.

* Aqua regia leaching is partial for Al, Ba, Ca, Cr, Fe, K, Mg, Mn, Na, P, Sn, Sr and W.

QUALITY CONTROL

The machine is calibrated using six known standards and a blank. Another blank, which was digested with the samples, and a standard are tested before any samples to confirm the calibration. A maximum of 20 samples are analysed, and then a standard, also digested with the samples, is run. A known standard with characteristics best matching the samples is chosen and tested. Another 20 samples are analysed, with the last one being a random reweigh of one of the samples. The standard used at the beginning is rerun. This procedure is repeated for all of the samples.

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Method of Gold Analysis by Solvent Extraction / AAS

(a) 5.00 to 10.00 grams of sample is digested with concentrated Aqua Regia solution, the insoluble matter is filtered off, and the volume of filtrate is reduced by heating.

(b) The sample solution is mixed with a di-isobutyl ketone (DIBK) and thiourea medium (anion exchange liquid "Aliquot 336"), where the gold is extracted into the DIBK.

(c) The gold solvent is analysed using an Atomic Absorption Spectrometer. The gold value, in parts per billion, is calculated by comparison with a set of known standards.

QUALITY CONTROL

- An internal standard or blank and a random repeat are digested and analysed with every 38 client samples.
- Anomalous gold values of greater than 300 ppb on soil samples and 500 ppb on rock samples are automatically checked by solvent extraction/AAS.
- Gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

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Method of Gold analysis by Fire Assay / AAS

(a) 20.0 to 30.0 grams of sample is mixed with a combination of fluxes in a fusion pot. The sample is then fused at high temperature to form a lead "button".

(b) The precious metals are extracted by cupellation. Any Silver is dissolved by nitric acid and decanted. The gold bead is then dissolved in boiling concentrated aqua regia solution heated by a hot water bath.

(c) The gold in solution is determined with an Atomic Absorption Spectrometer. The gold value, in parts per billion, is calculated by comparision with a set of known gold standards.

QUALITY CONTROL

Every fusion of 24 pots contains 22 samples, one internal standard or blank, and a random reweigh of one of the samples. Samples with anomalous gold values greater than 500 ppb are automatically checked by Fire Assay/AA methods. Samples with gold values greater than 10000 ppb are automatically checked by Fire Assay/Gravimetric methods.

APPENDIX C

STATISTICAL HISTOGRAMS

REPORT ON STATISTICAL INTERPRETATION OF SAMPLES COLLECTED ON THE STAMP CLAIMS IN 1989

FOR

RELIANCE GEOLOGICAL SERVICES INC
VANCOUVER, BC

BY
TONY CLARK CONSULTING
11 OCTOBER 1989

INTRODUCTION:

Neither the author of this report, nor any employee has visited the claims from which the samples were taken. The results of the analysis of the samples were given to Tony Clark Consulting by the assayers, International Plasma Laboratories, and the maps were supplied by Reliance Geological Services Inc.

Interpretations are based on the assay results and the author's general geological knowledge only, and are given as a guide to indicate areas or aspects needing further followup. After these statistics were completed an additional 25 samples collected late in the season were assayed. The author has seen the results, and they are all low to average, so that the statistical interpretation will not change. The symbol maps have likewise not been updated for these extra samples because of the low results.

The results of this investigation are shown in a correlation matrix, on histograms, and in symbol and value maps.

There were an additional 25 samples collected from the area in 1989 that were not available for inclusion in this work. This small number of samples will not significantly change the conclusions of the interpretation.

CORRELATION COEFFICIENTS:

A correlation coefficient matrix is appended to this report. Note that a correlation between elements A and B is the same as the correlation between elements B and A so that the discussion only comments on correlations once.

The comments are a suggested guide for the field geologist to consider, but the field geologist should check the mentioned correlations himself to determine if there are any that are significant in view of his knowledge of the geology of the property.

Au ppb: There are no significant correlations.

Ag ppm: Weak correlations with Ba, Ca, Co and P (shale, argillite?).
Moderate correlation with Mn (shale, argillite?)

Al ppm: Weak negative correlation with Mn.
Moderate correlation with Cr, Fe, Mg, Mo, Ni, V and Zr (basic igneous association?).
Moderate negative correlation with Na.
Strong correlation with As and Pb.

As ppm: Weak correlation with Cd, Co, Cu, Fe, Hg, Mg, Mo, Sb and V.
Moderate correlation with Cr, Ni and Zr.
Moderate negative correlation with Na.
Strong correlation with Pb.

Ba ppm: Weak correlations with Ca, Co, Sr and Zn (sediments?).
Weak negative correlation with Ti and Zr.
Moderate correlation with K and Mn (sediments?).

Bi ppm: Weak correlation with Zr.
Moderate correlation with Ti.

Ca ppm: Weak correlation with La, Mn and Na.
Moderate correlation with Sr (feldspar).

Cd ppm: Weak correlation with Pb and Sb.
Weak negative correlation with Fe.

Co ppm: Weak correlation with Cr, Fe, Mg and Mn (basic igneous association).
Moderate correlation with Cu, Ni (basic igneous rocks) and Sb.

Cr ppm: Weak correlation with Mo, Sb and Zr.
Moderate correlation with Fe, Mg, Pb and V.
Strong correlation with Ni.

Cu ppm: Weak correlation with ni.
Moderate correlation with Sb.

Fe ppm: Weak correlation with Mg, Pb, Sb and Zr.
Moderate correlation with Mo, Ni and V.
Moderate negative correlation with Na.

Hg ppm: Weak correlation with Mo and ni.

K ppm: Weak correlation with Mn and Sr.

La ppm: No further significant correlations.

Mg ppm: Weak correlation with Pb, V and Zr.
Moderate correlation with Ni.

Mn ppm: Weak correlation with Na and Zn.
Weak negative correlation with V and Zr.
Moderate correlation with Pb.

Mo ppm: Weak correlation with Ni, V and Zr.
Weak negative correlation with Na.
Moderate correlation with Pb.

Na ppm: Weak negative correlation with Pb.
Moderate negative correlation with V.

Ni ppm: Weak correlation with Zr.
Moderate correlation with Pb, Sb and V.

P ppm: No further significant correlations.

Pb ppm: Weak correlation with Ti.
Moderate correlation with V and Zr.

Sb ppm: Weak correlation with V.

Sr ppm: No further significant correlations.

Th ppm: No futher significant correlations.

Ti ppm: Moderate correlation with V and Zr.

U ppm: No values.

V ppm: Moderate correlation with Zr.

W ppm: No values.

Zn ppm: No further significant correlations.

HISTOGRAMS:

Because the 1989 samples were assayed at a different time and by a different laboratory to the 1988 samples, histograms were prepared for both groups of samples to compare the results. This was particularly important as both samples were to be plotted on a single symbol map for interpretation purposes, and if there were different thresholds for the different laboratories results, these would have had to be taken into account. In fact, although there are some differences they are not sufficiently significant to require different thresholds for the symbol

plots. The histograms and associated tables of values are attached.

Au ppb: Apart from a single high value in the 1988 data, ther results are essentially the same. The thresholds for plotting the symbol maps are:

low values	15 to 30 ppb Au
medium values	>30 to 45 ppb Au
high values	>45 ppb Au.

Ag ppm: The 1989 samples had one high value, and the general range was from 0 to 1.5 ppm whereas the 1988 data has a general range from 0 to only 1 ppm Ag. however, as any value above 1 ppm Ag in soils in British Columbia is usually considered of interest, the two sets of samples were plotted with the same thresholds in the symbol maps:

low values	0.6 to 0.8 ppm Ag
medium values	>0.8 to 1.0 ppm Ag
high values	>1.0 ppm Ag.

Cu ppm: Apart from a single high value in the 1989 samples, the results are much the same, with the samples ranging from 0 to about 400 ppm Cu. Thresholds for the symbol maps were taken as:

low values	110 to 160 ppm Cu
medium values	>160 to 220 ppm Cu
high values	>220 ppm Cu.

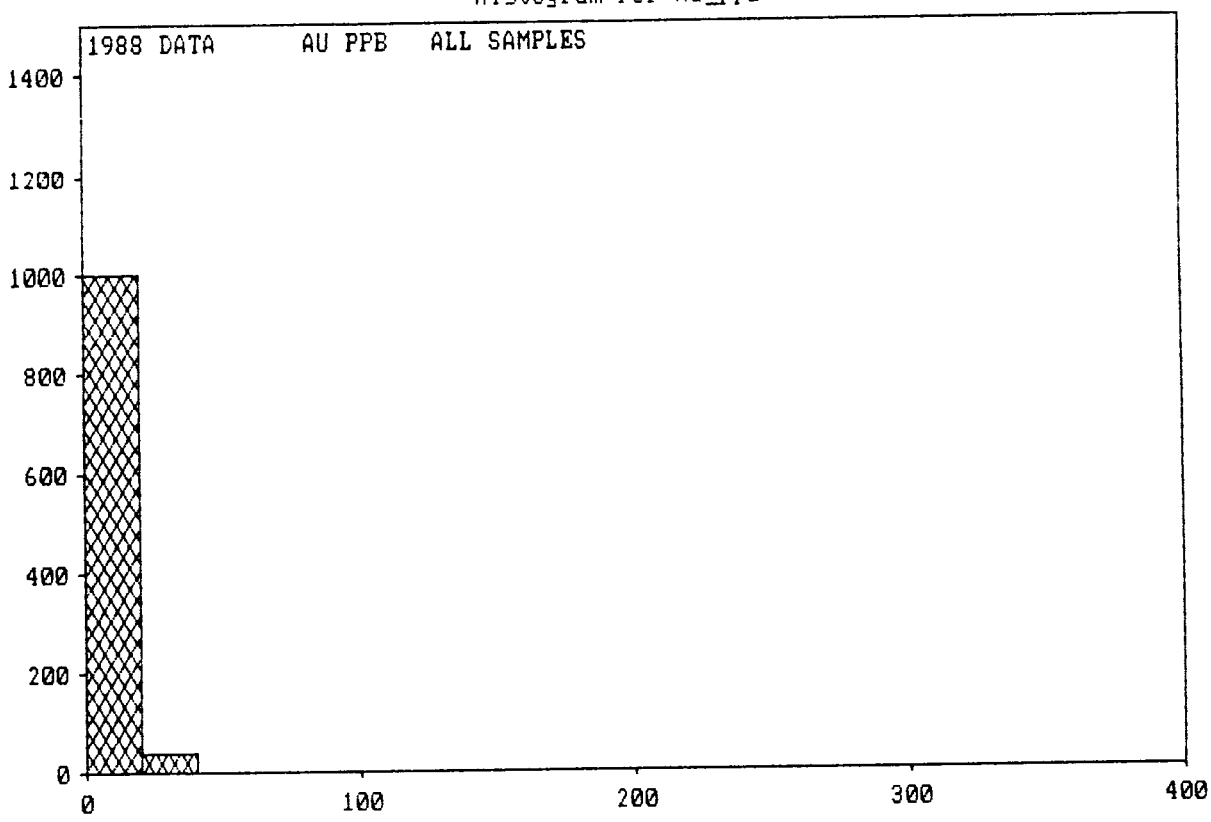
There is no suggestion of any second population in any of the data.

A.M.S.Clark, Ph.D., P.Geol.(Alta).
Coquitlam, BC
11 October 1989.

AMP CLAIMS 1989 DATA CORRELATION COEFFICIENT MATRIX

	AUPPB	AGPPM	ALPPM	ASPPM	BAPPM	BIPPM	CAPPM	CDPPM	COPPM	CRPPM	CUPPM	FEPPM	HGPPM	KPPM	LAPPM	MGPPM	MNPPM	MOPPM	NAPPM	NIPPM	PPPM	PBPPM	SBPPM	SRPPM	THPPM	TIPPM	UPPM	VPPM	WPPM	ZNPPM	ZRPPM
AUPPB	1.00	-0.08	-0.02	0.02	-0.10	-0.09	0.01	0.01	0.00	0.01	-0.00	0.01	0.01	0.02	0.01	0.06	-0.03	0.05	-0.10	-0.02	-0.04	-0.01	-0.04	-0.02	0.04	-0.11	0.00	-0.02	0.00	0.06	-0.03
AGPPM	-0.08	1.00	-0.01	-0.03	0.39	0.00	0.33	0.12	0.39	0.18	0.06	0.02	0.11	0.19	0.20	0.07	0.54	-0.02	0.08	0.20	0.33	0.02	0.07	0.23	-0.00	0.17	0.00	0.02	0.00	0.12	0.05
ALPPM	-0.02	-0.01	1.00	0.81	-0.09	0.03	-0.02	0.21	0.24	0.56	0.17	0.44	0.15	0.17	0.16	0.49	-0.25	0.45	-0.44	0.56	0.04	0.91	0.21	-0.05	-0.08	0.23	0.00	0.46	0.00	0.06	0.54
ASPPM	0.02	-0.03	0.81	1.00	-0.09	-0.02	-0.02	0.29	0.25	0.42	0.27	0.27	0.25	0.18	0.14	0.39	-0.24	0.32	-0.42	0.50	0.02	0.77	0.35	-0.06	-0.07	0.11	0.00	0.31	0.00	0.05	0.44
BAPPM	-0.10	0.39	-0.09	-0.09	1.00	-0.16	0.29	0.09	0.25	0.02	0.08	-0.06	0.07	0.40	0.16	0.03	0.65	-0.08	0.19	0.13	0.22	-0.07	-0.00	0.35	0.01	-0.25	0.00	-0.22	0.00	0.28	-0.29
BIPPM	-0.09	0.00	0.03	-0.02	-0.16	1.00	-0.03	0.14	-0.02	0.01	-0.11	-0.11	-0.01	-0.11	-0.14	-0.13	-0.10	0.10	0.13	-0.04	0.09	0.20	0.03	0.01	-0.01	0.51	0.00	0.21	0.00	-0.12	0.30
CAPPM	0.01	0.33	-0.02	-0.02	0.29	-0.03	1.00	0.18	0.23	0.15	0.07	-0.10	0.16	0.08	0.37	0.22	0.27	-0.01	0.31	0.24	0.02	0.06	0.05	0.47	-0.05	0.06	0.00	-0.09	0.00	0.06	0.07
CDPPM	0.01	0.12	0.21	0.29	0.09	0.14	0.18	1.00	0.08	0.18	0.03	-0.31	0.19	0.15	0.11	0.05	0.02	-0.18	-0.01	0.13	0.07	0.29	0.26	0.07	-0.00	0.10	0.00	0.06	0.00	0.04	0.15
COPPM	0.00	0.39	0.24	0.25	0.25	-0.02	0.23	0.08	1.00	0.37	0.65	0.35	0.16	0.24	0.20	0.32	0.32	0.20	-0.02	0.61	0.14	0.21	0.50	0.19	0.01	0.10	0.00	0.21	0.00	0.17	0.08
CRPPM	0.01	0.18	0.56	0.42	0.02	0.01	0.15	0.18	0.37	1.00	0.14	0.49	0.17	0.07	0.07	0.61	-0.09	0.28	-0.23	0.74	-0.08	0.48	0.30	0.01	0.08	0.23	0.00	0.55	0.00	0.01	0.39
CUPPM	-0.00	0.06	0.17	0.27	0.08	-0.11	0.07	0.03	0.65	0.14	1.00	0.21	0.04	0.17	0.09	0.14	0.01	0.11	-0.07	0.35	0.01	0.12	0.62	0.11	0.01	-0.10	0.00	0.06	0.00	0.07	0.02
FEPPM	0.01	0.02	0.44	0.27	-0.06	-0.11	-0.10	-0.31	0.35	0.49	0.21	1.00	0.07	0.12	-0.00	0.38	-0.12	0.57	-0.49	0.46	0.00	0.31	0.28	0.01	0.13	0.17	0.00	0.69	0.00	0.21	0.26
HGPPM	0.01	0.11	0.15	0.25	0.07	-0.01	0.16	0.19	0.16	0.17	0.04	0.07	1.00	0.08	0.23	-0.00	-0.00	0.31	-0.15	0.31	0.02	0.23	0.11	0.05	0.12	-0.10	0.00	0.04	0.00	0.05	0.09
KPPM	0.02	0.19	0.17	0.18	0.40	-0.11	0.08	0.15	0.24	0.07	0.17	0.12	0.08	1.00	0.19	0.19	0.29	0.08	-0.05	0.18	0.24	0.21	0.11	0.25	0.04	-0.18	0.00	-0.03	0.00	0.23	-0.12
LAPPM	0.01	0.20	0.16	0.14	0.16	-0.14	0.37	0.11	0.20	0.07	0.09	-0.00	0.23	0.19	1.00	0.04	0.12	0.22	0.00	0.20	-0.00	0.15	-0.06	0.12	-0.02	-0.24	0.00	-0.18	0.00	0.14	0.01
MGPPM	0.06	0.07	0.49	0.39	0.03	-0.13	0.22	0.05	0.32	0.61	0.14	0.38	-0.00	0.19	0.04	1.00	-0.14	0.23	-0.16	0.66	-0.18	0.39	0.15	0.12	-0.04	0.13	0.00	0.42	0.00	0.06	0.32
MNPPM	-0.03	0.54	-0.25	-0.24	0.65	-0.10	0.27	0.02	0.32	-0.09	0.01	-0.12	-0.00	0.29	0.12	-0.14	1.00	-0.11	0.25	-0.05	0.44	-0.18	-0.09	0.22	-0.01	-0.14	0.00	-0.31	0.00	0.25	-0.28
MOPPM	0.05	-0.02	0.45	0.32	-0.08	0.10	-0.01	-0.18	0.20	0.28	0.11	0.57	0.31	0.08	0.22	0.23	-0.11	1.00	-0.37	0.30	0.02	0.48	-0.05	-0.04	0.06	-0.01	0.00	0.37	0.00	0.16	0.25
NAPPM	-0.10	0.08	-0.44	-0.42	0.19	0.13	0.31	-0.01	-0.02	-0.23	-0.07	-0.49	-0.15	-0.05	0.00	-0.16	0.25	-0.37	1.00	-0.16	-0.03	-0.38	-0.14	0.19	-0.10	-0.02	0.00	-0.41	0.00	-0.10	-0.21
NIPPM	-0.02	0.20	0.56	0.50	0.13	-0.04	0.24	0.13	0.61	0.74	0.35	0.46	0.31	0.18	0.20	0.66	-0.05	0.30	-0.16	1.00	-0.10	0.48	0.42	0.08	0.10	0.15	0.00	0.47	0.00	0.15	0.32
PPPM	-0.04	0.33	0.04	0.02	0.22	0.09	0.02	0.07	0.14	-0.08	0.01	0.00	0.02	0.24	-0.00	-0.18	0.44	0.02	-0.03	-0.10	1.00	0.14	-0.00	0.06	0.02	0.05	0.00	-0.10	0.00	0.15	-0.08
PBPPM	-0.01	0.02	0.91	0.77	-0.07	0.20	0.06	0.29	0.21	0.48	0.12	0.31	0.23	0.21	0.15	0.39	-0.18	0.48	-0.38	0.48	0.14	1.00	0.16	-0.01	-0.07	0.28	0.00	0.41	0.00	0.05	0.57
SBPPM	-0.04	0.07	0.21	0.35	-0.00	0.03	0.05	0.26	0.50	0.30	0.62	0.28	0.11	0.11	-0.06	0.15	-0.09	-0.05	-0.14	0.42	-0.00	0.16	1.00	0.07	0.23	0.20	0.00	0.39	0.00	0.00	0.19
SRPPM	-0.02	0.23	-0.05	-0.06	0.35	0.01	0.47	0.07	0.19	0.01	0.11	0.01	0.05	0.25	0.12	0.12	0.22	-0.04	0.19	0.08	0.06	-0.01	0.07	1.00	-0.04	0.06	0.00	-0.05	0.00	0.04	-0.06
THPPM	0.04	-0.00	-0.08	-0.07	0.01	-0.01	-0.05	-0.00	0.01	0.08	0.01	0.13	0.12	0.04	-0.02	-0.04	-0.01	0.06	-0.10	0.10	0.02	-0.07	0.23	-0.04	1.00	-0.13	0.00	0.15	0.00	0.02	-0.08
TIPPM	-0.11	0.17	0.23	0.11	-0.25	0.51	0.06	0.10	0.10	0.23	-0.10	0.17	-0.10	-0.18	-0.24	0.13	-0.14	-0.01	-0.02	0.15	0.05	0.28	0.20	0.06	-0.13	1.00	0.00	0.53	0.00	-0.16	0.62
UPPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VPPM	-0.02	0.02	0.46	0.31	-0.22	0.21	-0.09	0.06	0.21	0.55	0.06	0.69	0.04	-0.03	-0.18	0.42	-0.31	0.37	-0.41	0.47	-0.10	0.41	0.39	-0.05	0.15	0.53	0.00	1.00	0.00	-0.00	0.51
WPPM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ZNPPM	0.06	0.12	0.06	0.05	0.28	-0.12	0.06	0.04	0.17	0.01	0.07	0.21	0.05	0.23	0.14	0.06	0.25	0.16	-0.10	0.15	0.15	0.05	0.00	0.04	0.02	-0.16	0.00	-0.00	0.00	1.00	-0.14
ZRPPM	-0.03	0.05	0.54	0.44	-0.29	0.30	0.07	0.15	0.08	0.39	0.02	0.26	0.09	-0.12	0.01	0.32	-0.28	0.25	-0.21	0.32	-0.08	0.57	0.19	-0.06	-0.08	0.62	0.00	0.51	0.00	-0.14	1.00

Histogram for Au_ppb



Mean = 5.3023 Variance = 211.4
Standard Deviation = 14.54 Skewness = 20.14

Comment: 1988 DATA AU PPB ALL SAMPLES

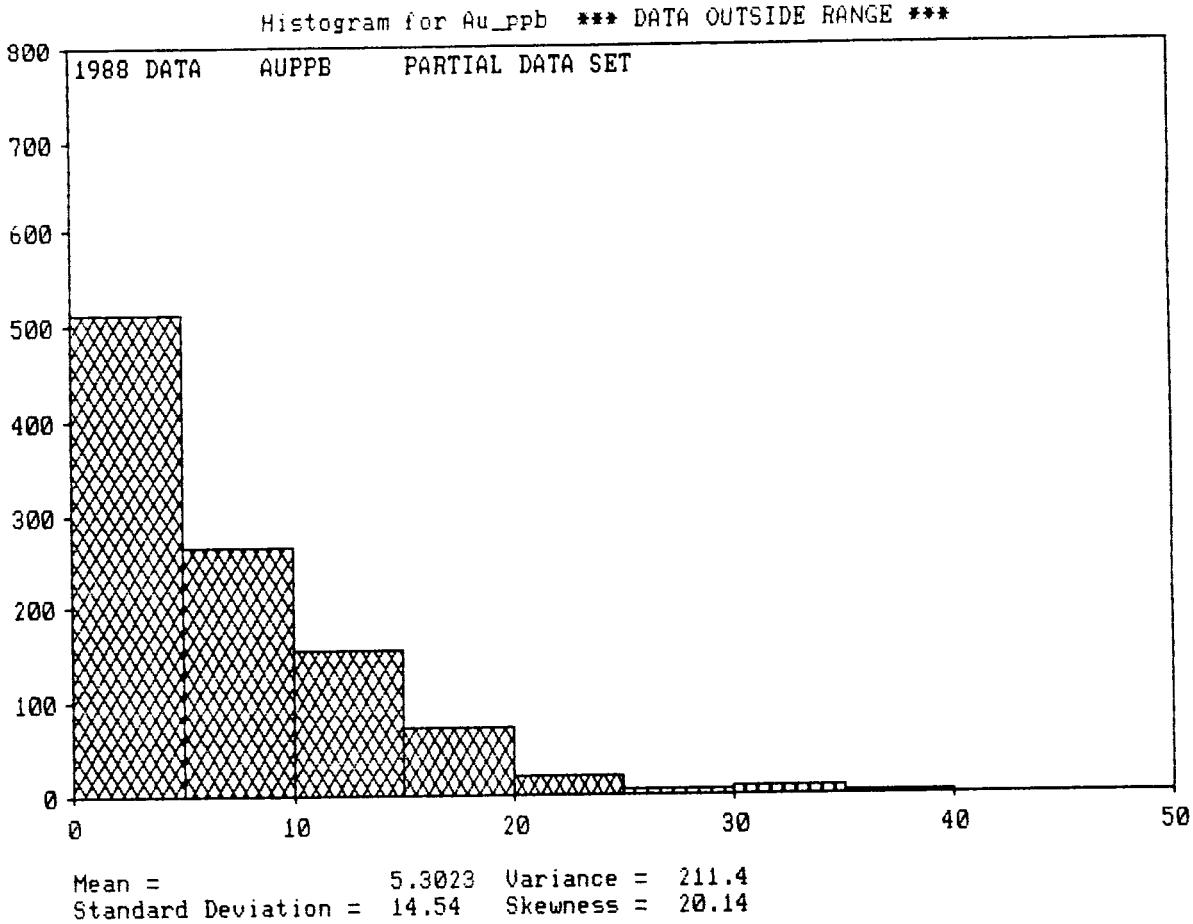
Histogram for Au_ppb

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	20	1000	96	1000	96	Mean
20	40	37	4	1037	100	
40	60	1	0	1038	100	
60	80	1	0	1039	100	
80	100	1	0	1040	100	
100	120	0	0	1040	100	
120	140	1	0	1041	100	
140	160	0	0	1041	100	
160	180	0	0	1041	100	
180	200	0	0	1041	100	
200	220	0	0	1041	100	
220	240	0	0	1041	100	
240	260	0	0	1041	100	
260	280	0	0	1041	100	
280	300	0	0	1041	100	
300	320	0	0	1041	100	
320	340	0	0	1041	100	
340	360	0	0	1041	100	
360	380	0	0	1041	100	
380	400	1	0	1042	100	

Data elements inside histogram	1042
Data elements outside histogram	0

Descriptive Statistics

Mean	5.302303
Variance	211.3639
Standard Deviation	14.53836
Skewness	20.14507


Histogram for Au_ppb *** DATA OUTSIDE RANGE ***
1988 DATA AUPPB PARTIAL DATA SET
800
700
600
500
400
300
200
100
0
0
10
20
30
40
50
Mean = 5.3023 Variance = 211.4
Standard Deviation = 14.54 Skewness = 20.14

Comment: 1988 DATA AU PPB PARTIAL DATA SET

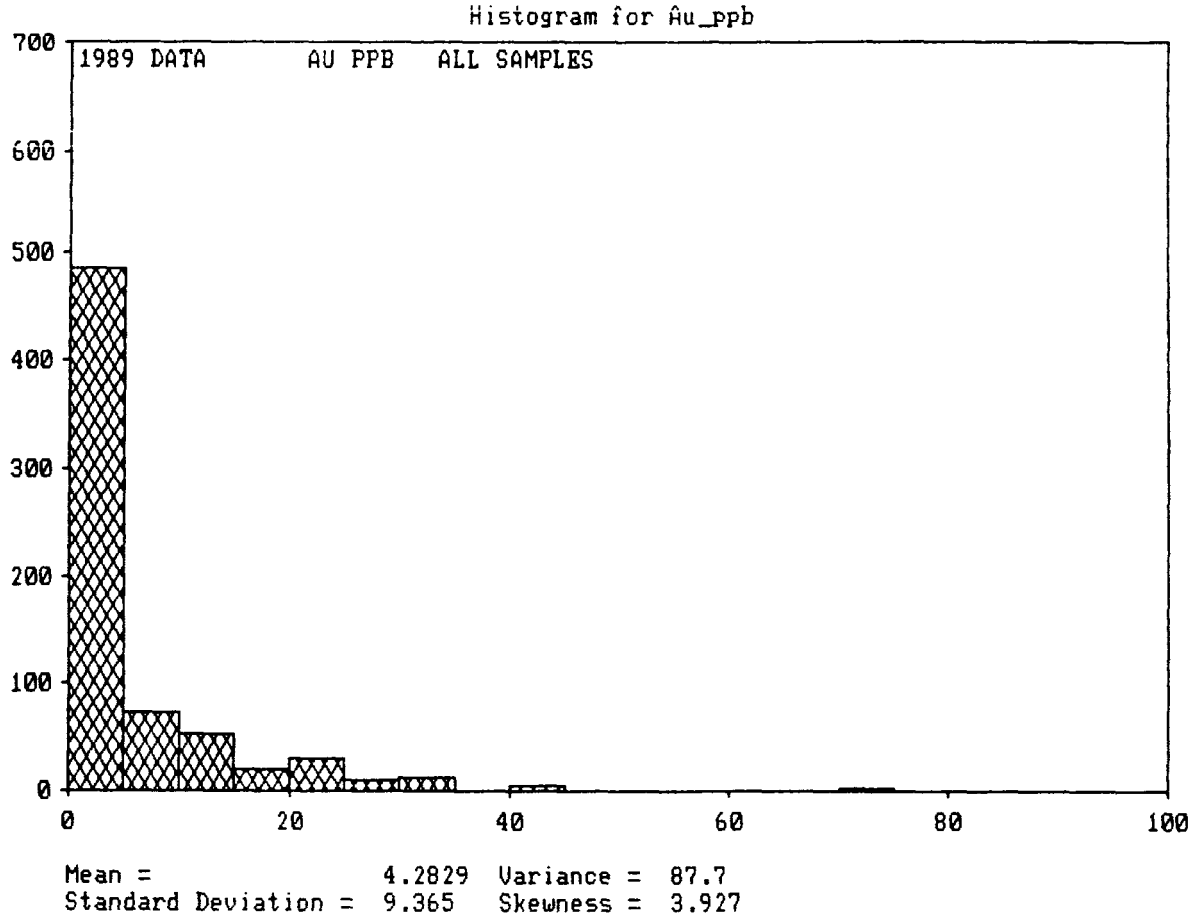
Histogram for Au_ppb *** DATA OUTSIDE RANGE ***

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	5	511	49	511	49	
5	10	264	25	775	74	Mean
10	15	154	15	929	89	
15	20	71	7	1000	96	
20	25	21	2	1021	98	
25	30	6	1	1027	99	
30	35	8	1	1035	99	
35	40	2	0	1037	100	
40	45	0	0	1037	100	
45	50	1	0	1038	100	

Data elements inside histogram 1038
Data elements outside histogram 4

Descriptive Statistics

Mean	5.302303
Variance	211.3639
Standard Deviation	14.53836
Skewness	20.14507



Mean = 4.2829 Variance = 87.7
Standard Deviation = 9.365 Skewness = 3.927

Comment: 1989 DATA AU PPB ALL SAMPLES

Histogram for Au_ppb

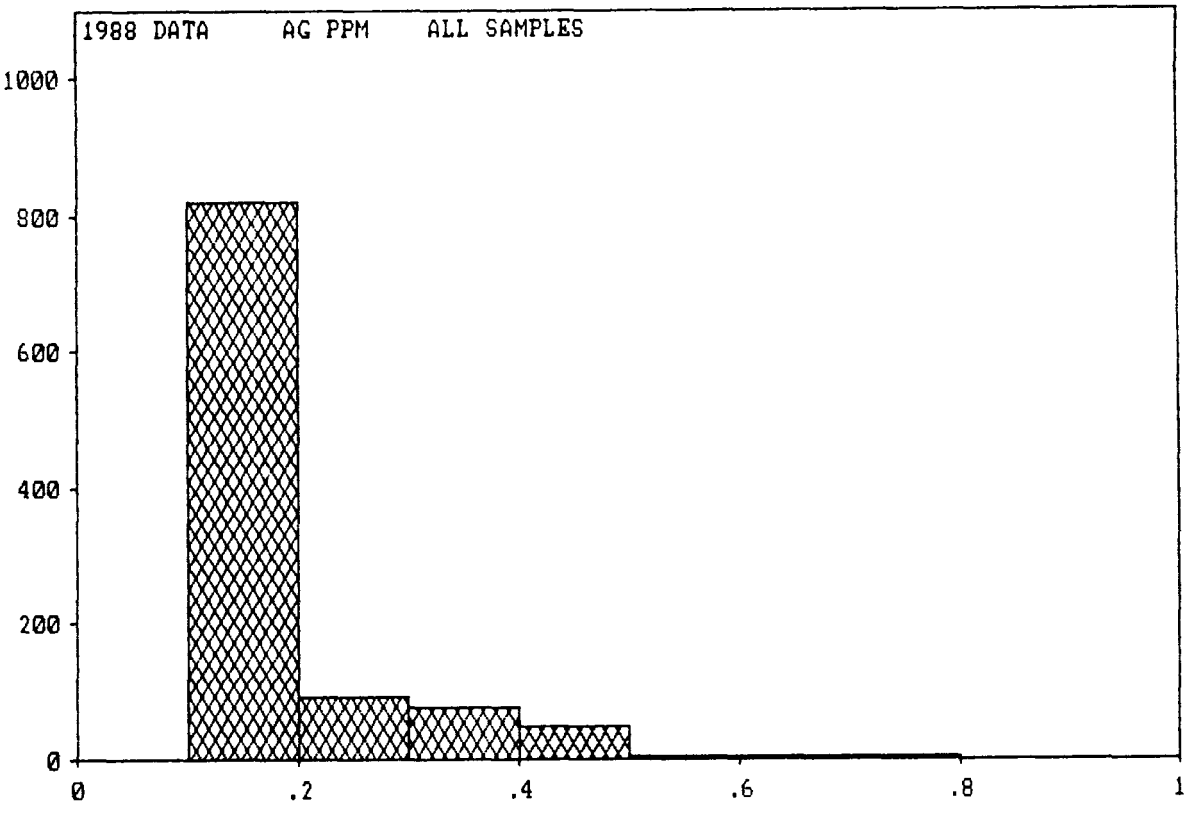
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	5	487	70	487	70	Mean
5	10	72	10	559	80	
10	15	54	8	613	88	
15	20	21	3	634	91	
20	25	30	4	664	95	
25	30	10	1	674	97	
30	35	13	2	687	99	
35	40	1	0	688	99	
40	45	4	1	692	99	
45	50	1	0	693	99	
50	55	1	0	694	100	
55	60	0	0	694	100	
60	65	0	0	694	100	
65	70	0	0	694	100	
70	75	2	0	696	100	
75	80	0	0	696	100	
80	85	0	0	696	100	
85	90	0	0	696	100	
90	95	0	0	696	100	
95	100	1	0	697	100	

Data elements inside histogram	697
Data elements outside histogram	0

Descriptive Statistics

Mean	4.282927
Variance	87.7007
Standard Deviation	9.364865
Skewness	3.926836

Histogram for Ag_ppm



Mean =	.14107	Variance =	.008551
Standard Deviation =	.09247	Skewness =	2.723

Comment: 1988 DATA AG PPM ALL SAMPLES

Histogram for Ag_ppm

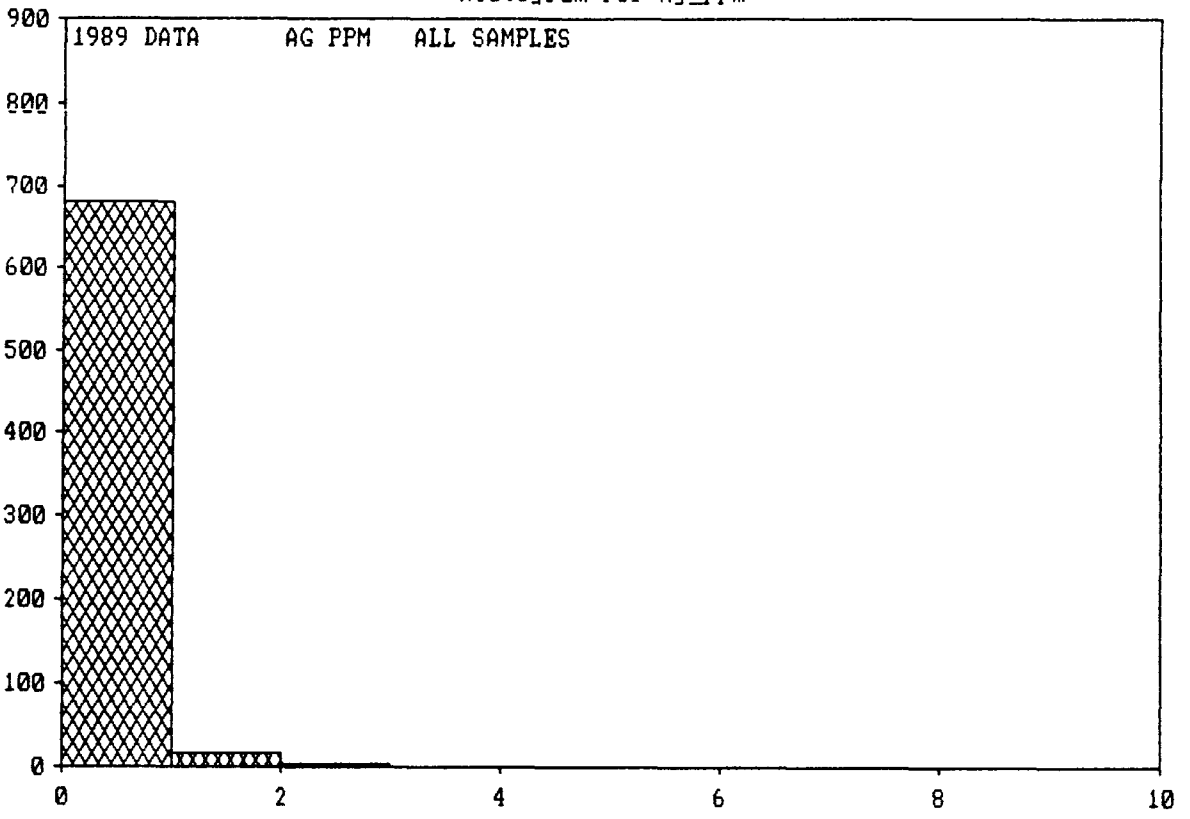
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	0.1	1	0	1	0	
0.1	0.2	818	79	819	79	Mean
0.2	0.3	92	9	911	87	
0.3	0.4	75	7	986	95	
0.4	0.5	47	5	1033	99	
0.5	0.6	4	0	1037	100	
0.6	0.7	2	0	1039	100	
0.7	0.8	2	0	1041	100	
0.8	0.9	0	0	1041	100	
0.9	1	1	0	1042	100	

Data elements inside histogram 1042
Data elements outside histogram 0

Descriptive Statistics

Mean	0.1410748
Variance	0.0085514
Standard Deviation	0.092474
Skewness	2.723432

Histogram for Ag_ppm



Mean = .42565 Variance = .2092
Standard Deviation = .4573 Skewness = 13.61

Comment: 1989 DATA AG PPM ALL SAMPLES

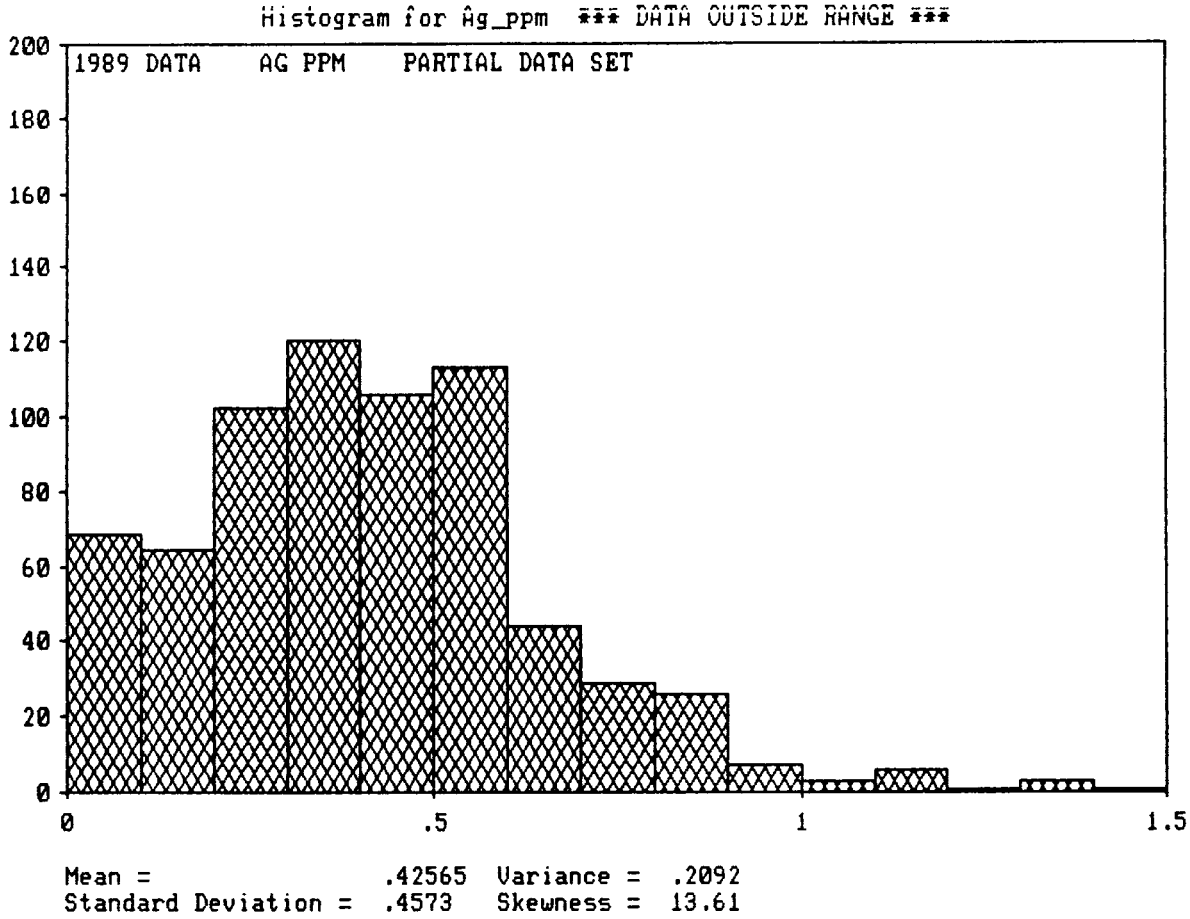
Histogram for Ag_ppm

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	1	679	97	679	97	Mean
1	2	15	2	694	100	
2	3	2	0	696	100	
3	4	0	0	696	100	
4	5	0	0	696	100	
5	6	0	0	696	100	
6	7	0	0	696	100	
7	8	0	0	696	100	
8	9	0	0	696	100	
9	10	1	0	697	100	

Data elements inside histogram 697
Data elements outside histogram 0

Descriptive Statistics

Mean	0.4256527
Variance	0.2091642
Standard Deviation	0.4573448
Skewness	13.60815


Histogram for Ag_ppm *** DATA OUTSIDE RANGE ***
1989 DATA AG PPM PARTIAL DATA SET
200
180
160
140
120
100
80
60
40
20
0
0
.5
1
1.5
Mean = .42565 Variance = .2092
Standard Deviation = .4573 Skewness = 13.61

Comment: 1989 DATA AG PPM PARTIAL DAT SET

Histogram for Ag_ppm *** DATA OUTSIDE RANGE ***

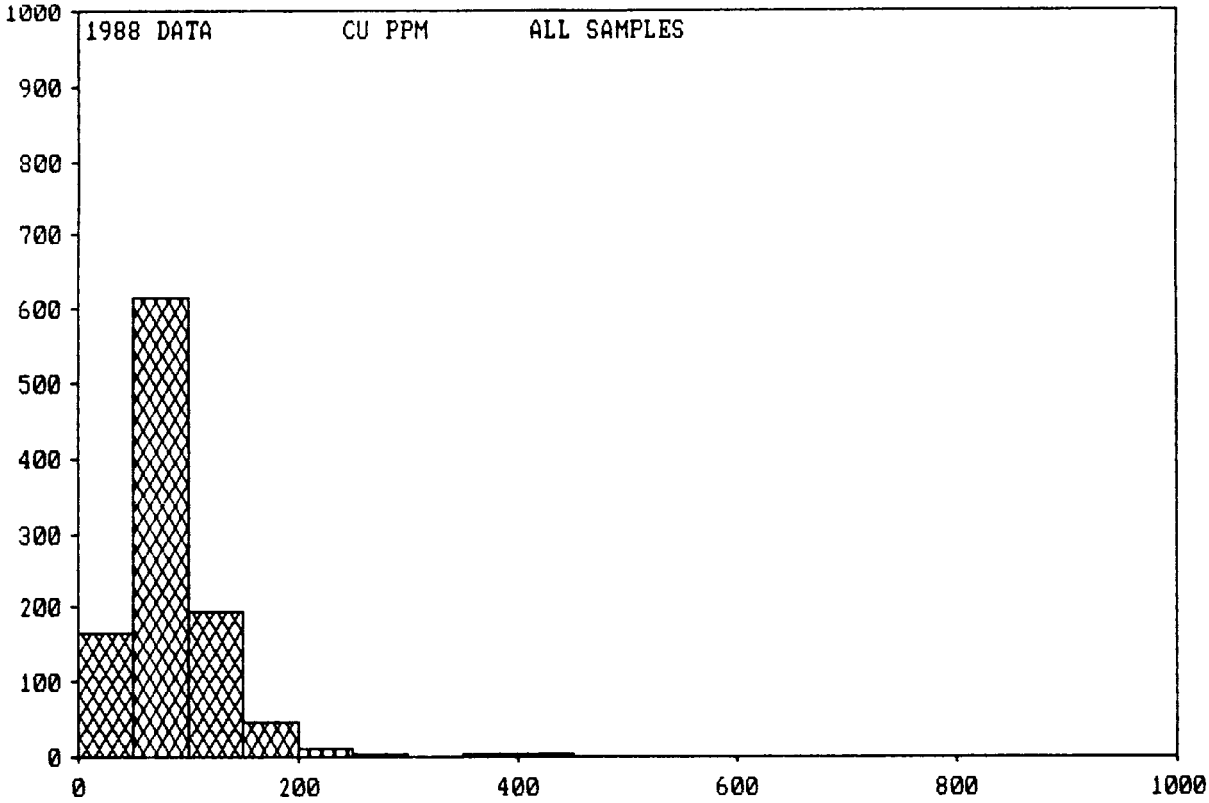
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	0.1	68	10	68	10	
0.1	0.2	64	9	132	19	
0.2	0.3	102	15	234	34	
0.3	0.4	120	17	354	51	
0.4	0.5	106	15	460	66	Mean
0.5	0.6	113	16	573	82	
0.6	0.7	44	6	617	89	
0.7	0.8	29	4	646	93	
0.8	0.9	26	4	672	96	
0.9	1	7	1	679	97	
1	1.1	3	0	682	98	
1.1	1.2	6	1	688	99	
1.2	1.3	1	0	689	99	
1.3	1.4	3	0	692	99	
1.4	1.5	1	0	693	99	

Data elements inside histogram 693
Data elements outside histogram 4

Descriptive Statistics

Mean	0.4256527
Variance	0.2091642
Standard Deviation	0.4573448
Skewness	13.60815

Histogram for Cu_ppm



Mean =	86.653	Variance =	2825
Standard Deviation =	53.15	Skewness =	4.487

Comment: 1988 DATA CU PPM ALL SAMPLES

Histogram for Cu_ppm

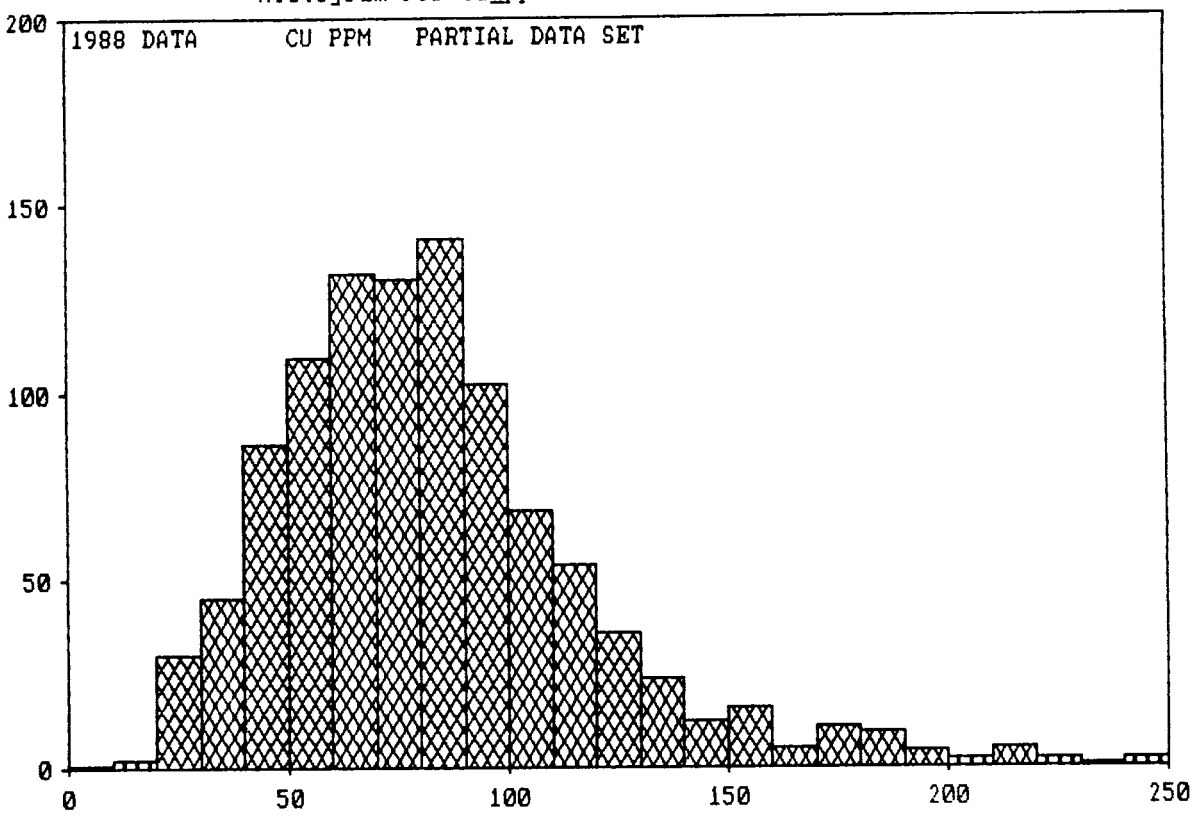
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	50	164	16	164	16	
50	100	614	59	778	75	Mean
100	150	194	19	972	93	
150	200	45	4	1017	98	
200	250	12	1	1029	99	
250	300	3	0	1032	99	
300	350	1	0	1033	99	
350	400	3	0	1036	99	
400	450	2	0	1038	100	
450	500	1	0	1039	100	
500	550	1	0	1040	100	
550	600	1	0	1041	100	
600	650	0	0	1041	100	
650	700	1	0	1042	100	
700	750	0	0	1042	100	
750	800	0	0	1042	100	
800	850	0	0	1042	100	
850	900	0	0	1042	100	
900	950	0	0	1042	100	
950	1000	0	0	1042	100	

Data elements inside histogram 1042
Data elements outside histogram 0

Descriptive Statistics

Mean	86.65259
Variance	2824.989
Standard Deviation	53.15062
Skewness	4.486925

Histogram for Cu_ppm *** DATA OUTSIDE RANGE ***



Mean = 86.653 Variance = 2825
Standard Deviation = 53.15 Skewness = 4.487

Comment: 1988 DATA CU PPM PARTIAL DATA SET

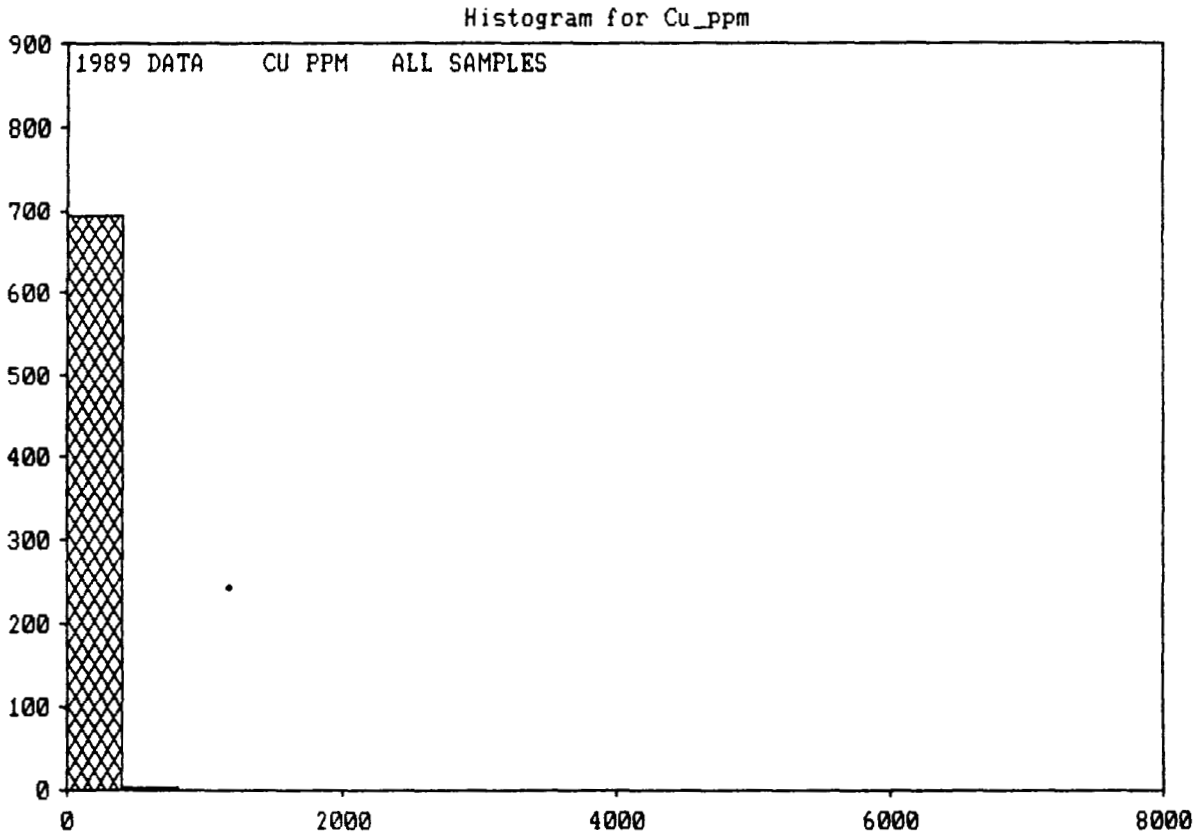
Histogram for Cu_ppm *** DATA OUTSIDE RANGE ***

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	10	1	0	1	0	
10	20	2	0	3	0	
20	30	30	3	33	3	
30	40	45	4	78	7	
40	50	86	8	164	16	
50	60	109	10	273	26	
60	70	132	13	405	39	
70	80	130	12	535	51	
80	90	141	14	676	65	Mean
90	100	102	10	778	75	
100	110	68	7	846	81	
110	120	54	5	900	86	
120	130	36	3	936	90	
130	140	24	2	960	92	
140	150	12	1	972	93	
150	160	16	2	988	95	
160	170	5	0	993	95	
170	180	11	1	1004	96	
180	190	9	1	1013	97	
190	200	4	0	1017	98	
200	210	2	0	1019	98	
210	220	5	0	1024	98	
220	230	2	0	1026	98	
230	240	1	0	1027	99	
240	250	2	0	1029	99	

Data elements inside histogram 1029
Data elements outside histogram 13

Descriptive Statistics

Mean	86.65259
Variance	2824.989
Standard Deviation	53.15062
Skewness	4.486925



Mean = 103.97 Variance = 63440
Standard Deviation = 251.9 Skewness = 22.55

Comment: 1989 DATA CU PPM ALL SAMPLES

Histogram for Cu_ppm

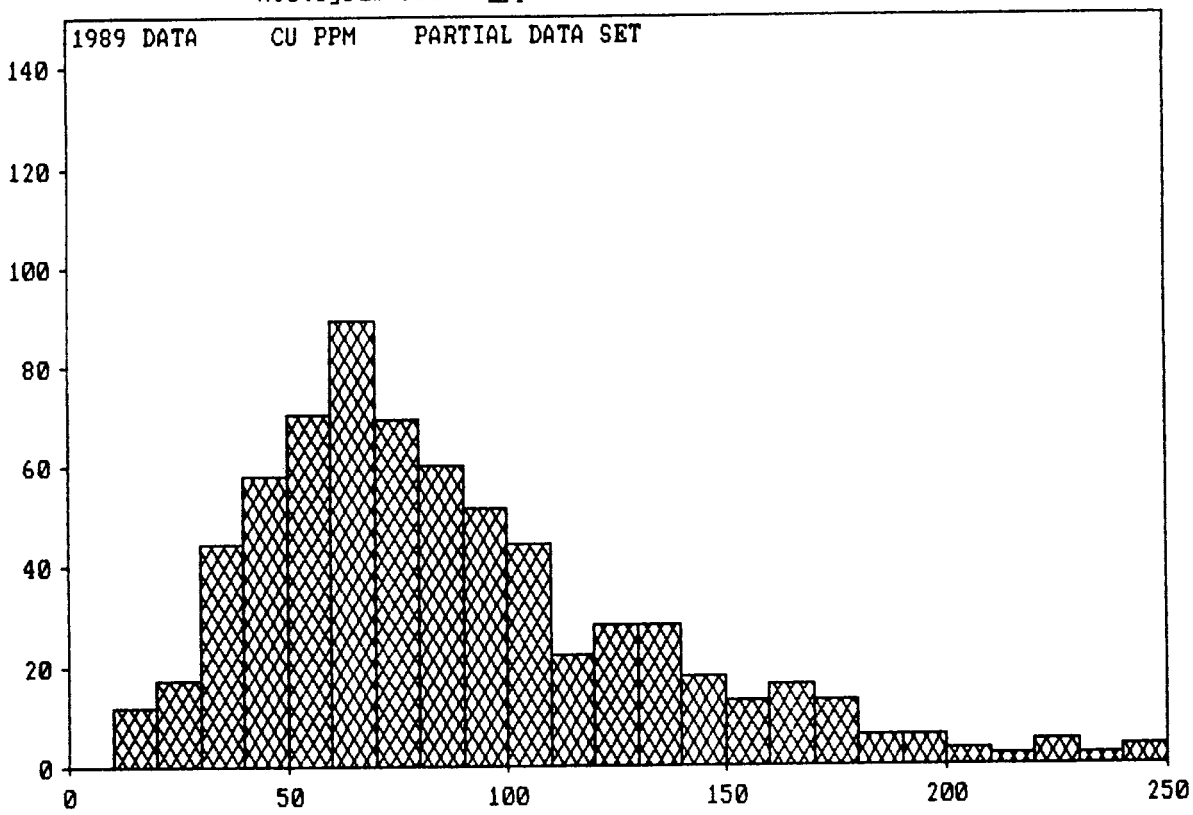
Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	400	692	99	692	99	Mean
400	800	2	0	694	100	
800	1200	1	0	695	100	
1200	1600	1	0	696	100	
1600	2000	0	0	696	100	
2000	2400	0	0	696	100	
2400	2800	0	0	696	100	
2800	3200	0	0	696	100	
3200	3600	0	0	696	100	
3600	4000	0	0	696	100	
4000	4400	0	0	696	100	
4400	4800	0	0	696	100	
4800	5200	0	0	696	100	
5200	5600	0	0	696	100	
5600	6000	0	0	696	100	
6000	6400	1	0	697	100	
6400	6800	0	0	697	100	
6800	7200	0	0	697	100	
7200	7600	0	0	697	100	
7600	8000	0	0	697	100	

Data elements inside histogram 697
Data elements outside histogram 0

Descriptive Statistics

Mean	103.9684
Variance	63438.23
Standard Deviation	251.8695
Skewness	22.5468

Histogram for Cu_ppm *** DATA OUTSIDE RANGE ***



Mean = 103.97 Variance = 63440
Standard Deviation = 251.9 Skewness = 22.55

Comment: 1989 DATA CU PPM PARTIAL DATA SET

Histogram for Cu_ppm *** DATA OUTSIDE RANGE ***

Lower limit	Upper limit	Frequency	%	Cumulative	%	
0	10	0	0	0	0	
10	20	12	2	12	2	
20	30	17	2	29	4	
30	40	44	6	73	10	
40	50	58	8	131	19	
50	60	70	10	201	29	
60	70	89	13	290	42	
70	80	69	10	359	52	
80	90	60	9	419	60	
90	100	51	7	470	67	
100	110	44	6	514	74	Mean
110	120	22	3	536	77	
120	130	28	4	564	81	
130	140	28	4	592	85	
140	150	18	3	610	88	
150	160	13	2	623	89	
160	170	16	2	639	92	
170	180	13	2	652	94	
180	190	6	1	658	94	
190	200	6	1	664	95	
200	210	3	0	667	96	
210	220	2	0	669	96	
220	230	5	1	674	97	
230	240	2	0	676	97	
240	250	4	1	680	98	

Data elements inside histogram 680
Data elements outside histogram 17

Descriptive Statistics

Mean	103.9684
Variance	63438.23
Standard Deviation	251.8695
Skewness	22.5468

APPENDIX D

MAGNETOMETER and VLF-EM
FIELD DATA WORKSHEETS
and
EQUIPMENT SPECIFICATIONS

1.0 INTRODUCTION

A geophysical program consisting of electromagnetic (VLF-EM) and magnetic surveys was carried out on two grids located on the Stamp claim group in the Alberni Mining Division near Port Alberni, B.C. The survey was carried out in September, 1989.

2.0 OBJECTIVES

- to establish a correlation between magnetic minerals and mineralized trends,
- to test the effectiveness of VLF-EM in following possible mineralized trends and to establish new unrecognized conductive trends,
- to establish geophysical areas of interest for future exploration.

3.0 SURVEY SPECIFICATIONS

Survey Parameters

- survey line separation - 100 m.
- survey station spacing - 25 m.
- VLF-EM and magnetic survey total 33.2 km.

Equipment Parameters

- VLF-EM and Magnetic Surveys
  - Scintrex Omni Plus combined VLF-EM and magnetometer
  - Dip Angle (in-phase) and Quadrature (out-of-phase) measured in percent at each station
  - VLF-EM Field Strength measured at each station
  - transmitting stations used - NPM (23.4 kHz) - Lualualei, Hw.
    - NAA (21.4 kHz) - Annapolis, Md.
  - earth's total magnetic field measured in gammas (nT.)
  - magnetic variations controlled by automatic magnetic base station recording every 30 seconds
  - instrument accuracy +/- 0.1 nT.

Equipment Specifications - see Appendix I

4.0 DATA

Calculations

Total Field Magnetic Survey

Total field magnetic readings were individually corrected for variations in the earth's magnetic field using magnetic base station values. The formula used for magnetic corrections was;

$$CTFR = TFR + (DBL - BSR)$$

where: CTFR = Corrected Total Field Reading
TFR = Total Field Reading
DBL = Datum Base Level
BSR = Base Station Reading

....2

Presentation

Upper Stamp Grid

- Lualualei VLF-EM in-phase, out-of-phase and field strength readings are presented in profile form on Figure # G-1 at a scale of 1:5000,
- Magnetic data were profiled and are presented on Figure # G-2 at a scale of 1:5000,
- Magnetic data were contoured and are presented on Figure # G-3 at a scale of 1:5000,
- The geophysical interpretation is presented on Figure # G-4 at a scale of 1:5000.

Lower Stamp Grid

- Annapolis VLF-EM in-phase, out-of-phase and field strength readings are presented in profile form on Figure # G-5 at a scale of 1:5000,
- Magnetic data were profiled and are presented on Figure # G-6 at a scale of 1:5000,
- Magnetic data were contoured and are presented on Figure # G-7 at a scale of 1:5000,
- The geophysical interpretation is presented on Figure # G-8 at a scale of 1:5000.

5.0 INTERPRETATION

5.1 Upper Stamp Grid

Discussion of Results

Total field magnetic data over the Upper Stamp grid area were noise free with no cultural sources observed. Magnetic readings range from 54900 nT. to 57350 nT. The magnetic datum value for the total field magnetic profile map, Figure # G-2, was determined by statistical analysis to be 55900 nT. This datum value, which graphically shows if a magnetic reading is above or below the mean value for the grid, was also the threshold between dashed and solid contours on the total field magnetic contour map, Figure # G-3.

Two magnetic units have been defined on the Upper Stamp grid based on magnetic intensity and activity. The background magnetic environment in the survey area was relatively quiet and exhibited magnetic readings near the mean value for the grid. Areas of background magnetic response are designated magnetic unit "M1".

Magnetic unit "M2" is characterized by steep magnetic gradients and is located in the northeastern portion of the Upper Stamp grid. Total field magnetic profiles show that "M2" is often made up of a number of long and short wavelength magnetic anomalies. Most magnetic anomalies

....3

observed on the grid exhibited both monopolar and dipolar response.

Four magnetic high lineaments, labeled "D1" to "D4" on Figure # G-3, were delineated on the Upper Stamp grid based on magnetic profile character. Lineament "D1" is a monopolar high exhibiting weak response. "D2" to "D4" are located in the southern portion of the grid. These lineaments all exhibit weak dipolar response and have wavelengths of approximately 50 m. A magnetic low lineament may exist on the extreme western edge of the grid, however this feature is not completely defined due to incomplete coverage, therefore delineation of this feature is not possible.

VLF-EM data were noise free and no cultural sources were observed. Only NPM, Lualualei, Hawaii data were interpreted due to weak responses obtained by NSS, Annapolis, Maryland. VLF-EM response was quiet over the Upper Stamp grid and few anomalies were observed.

Conclusions

Magnetic results over the Upper Stamp grid show a quiet magnetic background, labeled magnetic unit "M1". The relatively quiet magnetic background indicates that the area defined by magnetic unit "M1" is underlain by either a homogeneous rock type or rock types with similar magnetic susceptibilities. The quiet magnetic environment of "M1" allowed the interpretation of relatively weak magnetic lineaments "D1" to "D4".

Magnetic unit "M2" is too magnetically active to delineate any individual lineaments, however the character of this unit suggests that it consists of a number of narrow magnetic bodies. The presence of short wavelength anomalies indicates near surface features and longer wavelength anomalies reflect the presence of deeper features. "M2" is believed to represent a system of basic dykes buried at various depths. The boundary between "M2" and "M1" is thought to reflect a geological contact due to its irregular shape.

Lineament "D1" is interpreted to be a weakly magnetic dyke based on its long, narrow signature and its weak response as well as its monopolar response, which indicates good depth extent.

Lineaments "D2" to "D4" all exhibit similar response and are thought to represent similar sources. The weak response exhibited by these anomalies, similar in magnitude to lineament "D1", suggests that lineaments "D2" to "D4" also represent weakly magnetic bodies. However, the dipolar response exhibited by lineaments "D2" to "D4" indicates that these lineaments have shallow depth extent. Since lineaments "D2" to "D4" are believed to have a shallow depth extent, they are not thought to represent weakly magnetic dykes, rather they are interpreted to be near surface occurrences of magnetite. It is also possible that these lineaments could represent near surface occurrences of magnetic pyrrhotite, however the lack of conductivity associated with these lineaments implies that, if present, the pyrrhotite would be disseminated or in isolated short lenses.

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The only evidence of VLF-EM conductivity on the Upper Stamp grid was conductor "C1". "C1" is a north trending weak conductor which crosses lineament "D4" at 325E on line 2600N. This conductor is believed to represent a minor structural feature such as a fault or fracture. Other single line VLF-EM anomalies are interpreted to be due to either conductive overburden or small structural features. There are many reasons for the lack of VLF-EM response on the Upper Stamp grid. One possibility is that structure in the area is not conductive, perhaps due to rehealing. Another possibility is that there is little structure in the survey area. Also, it is possible that conductive overburden may have masked any response from structure.

5.2 Lower Stamp Grid

Discussion of Results

Total field magnetic data over the Lower Stamp grid area were noise free with no cultural sources observed. Magnetic readings range from 55500 nT. to 56350 nT. The magnetic datum value for the total field magnetic profile map, Figure # G-6, was determined by statistical analysis to be 55900 nT. This datum value, which graphically shows if a magnetic reading is above or below the mean value for the grid, was also the threshold between dashed and solid contours on the total field magnetic contour map, Figure # G-7.

The magnetic environment over the Lower Stamp grid was quieter than over the Upper Stamp grid. Most of the Lower Stamp grid exhibited relatively quiet background response similar to magnetic unit "M1" on the Upper Stamp grid. There were no magnetically active units observed on the Lower Stamp grid.

Three magnetic high lineaments, labeled "D1" to "D3" on Figure # G-7, have been delineated on the Lower Stamp grid based primarily on profile character continuation from line to line. The magnetic high lineaments are all short and end abruptly. As well, all the magnetic high lineaments exhibit similar anomalous response, ranging from 200 nT. to 500 nT. above background.

Three magnetic low lineaments, labeled "L1" to "L3" on Figure # G-7, have been delineated based on contour offsets and terminations and coincident VLF-EM conductors. Lineaments "L1" to "L3" all trend east-west and are generally characterized by weak, relatively wide magnetic lows.

VLF-EM data were noise free and no cultural sources were observed. Duplicate readings at baseline 0 show that in-phase and quadrature results are quite similar when surveyed on different days. Field strength readings are dependent on transmitter power output, weather conditions and topography. Therefore, field strength results are time dependent and level changes in field strength data result from data acquired on different days.

....5

Anomalous responses for NPM, Lualualei, Hawaii data and NSS, Annapolis, Maryland data were virtually identical and therefore only the NSS, Annapolis, Maryland data were interpreted.

On the Lower Stamp grid, three VLF-EM conductors have been delineated and are labeled "C1" to "C3" on Figure # G-5. All the conductors trend east-west and exhibit weak to moderate in-phase response with moderate quadrature response following the in-phase (positive quadrature). Field strength response is generally weak and broad.

Conclusions

Magnetic results over the Lower Stamp grid show a quiet magnetic background indicating that the survey area is underlain by either a homogeneous rock type or rock types with similar magnetic susceptibilities.

Magnetic high lineaments "D1" to "D3" are similar in magnitude and wavelength to anomalies within magnetic unit "M2" on the Upper Stamp grid and thus lineaments "D1" to "D3" are also believed to be due to basic dykes. Since the magnetic high lineaments observed on the Lower Stamp grid are short and end abruptly, it is possible that they are faulted off by crosscutting structure. In that case, the intersection between "D1" and "C1" may be a target for further exploration. "D1" is a pair of short lineaments exhibiting monopolar responses and variable wavelengths ranging from 50 m. to 100 m. The monopolar response indicates that "D1" has good depth extent, which supports the interpretation of a basic dyke. "D1" displays longer wavelength to the east, suggesting that "D1" changes from a near surface feature in the west to a buried feature in the east.

"D2" is also a pair of short lineaments, but "D2" exhibits dipolar response and a consistent wavelength of 50 m. Therefore "D2" is interpreted to represent a near surface feature with shallow depth extent.

Lineament "D3" exhibits a short wavelength of approximately 25 m. suggesting it is a narrow, near surface feature.

Interpreted magnetic low lineaments are thought to be caused by oxidization within faults or shear zones. It should be noted that while lineament "L3" is clearly a magnetic low feature, lineaments "L1" and "L2" are weak features which are inferred by the termination of magnetic high lineaments as well as coincidence with VLF-EM conductors.

VLF-EM conductors are interpreted to represent east-west trending conductive structural features. Stronger anomalies within conductors may reflect fault dilation and are considered to be the best VLF-EM targets for economic mineralization.

Conductors "C1" and "C2" are weak, short wavelength conductors which are thought to represent narrow faults. "C1" and "C2" appear to terminate

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magnetic high lineaments "D1" and "D2", which supports the interpretation of "C1" and "C2" as faults.

Conductor "C3", consisting of two segments, is the strongest conductor system on the grid. The eastern portion of conductor "C3" displays a strong conductive response and is coincident with east-west trending lineament "L3". Profile character suggests that this portion of "C3" plunges to the west from line 300W to line 500W. The eastern portion of "C3" is thought to represent a relatively wide fault or possibly a shear zone. The coincidence of "L3" with "C3" supports the interpretation of "C3" as a fault. The western portion of "C3" is similar in character to "C1" and "C2" and is interpreted to be a narrow fault.

6.0 RECOMMENDATIONS

VLF-EM and magnetic interpretation has delineated magnetic and conductive trends on the Lower Stamp grid that warrant follow-up exploration. Surface geological investigations are recommended to determine the importance of the following targets.

Conductor "C3" is, geophysically, the most promising exploration target on the grid based on the strength of the VLF-EM anomalies and the coincidence with magnetic lineament "L3". Detailed investigation is recommended for the following targets along conductor "C3":

- 800S, Line 300W
- 750S, Line 400W

Although it is a subtle anomaly, conductor "C1" is interpreted to be a target due to its intersection with magnetic high lineament "D1". Detailed investigation is recommended for the following target along conductor "C1":

- 610N, Line 100W

Conductor "C2" is the same type of target as "C1". Detailed investigation is recommended for the following target along conductor "C2":

- 150N, Line 400W

On the Lower Stamp grid the boundary between "M1" and "M2" should be investigated to determine if mineralization is present along this interpreted contact. As well, the magnetic high lineaments "D1" to "D4" should be investigated to determine if they represent magnetic pyrrhotite.

Further geophysical surveys over the Stamp grids should include extensions to the present VLF-EM and magnetic survey to determine if "C3" continues to the east. If disseminated mineralization is believed to be present, an induced polarization-resistivity survey is recommended to determine chargeable and resistive zones in the area.

Respectfully Submitted

INTERPRETEX RESOURCES LTD.

Vancouver, British Columbia

T.R. Matich

Geophysicist

CERTIFICATE

I, Thomas Raymond Matich, Geophysicist of Surrey, British Columbia, Canada, hereby certify that:

1. I received a B.Sc. degree in Geophysics from the University of British Columbia in 1982.

2. I currently reside at 13914 116 Ave, in the Municpality of Surrey, in the Province of British Columbia.

3. I have been practising my profession since graduation.

4. I hold no direct or indirect interest in, nor expect to receive any benefits from, the mineral property or properties described in this report.

5. This report may be used for the development of the property, provided that no portion will be used out of context in such a manner as to convey meanings different from that set out in the whole.

6. Consent is hereby given to the company for which this report was prepared to reproduce the report or any part of it for the purposes of development of the property, or facts relating to the raising of funds by way of a prospectus and/or statement of material facts.

Date: October 12, 1989

Signed: Tom Matich

Surrey,
British Columbia

Thomas Raymond Matich
B.Sc.

APPENDIX I

Equipment Specifications

OMNI IV
Tie-Line™ Magnetometer

Specifications

Dynamic Range	18,000 to 110,000 gammas. Roll-over display feature suppresses first significant digit upon exceeding 100,000 gammas.
Tuning Method	Tuning value is calculated accurately utilizing a specially developed tuning algorithm
Automatic Fine Tuning	± 15% relative to ambient field strength of last stored value
Display Resolution	0.1 gamma
Processing Sensitivity	± 0.02 gamma
Statistical Error Resolution	0.01 gamma
Absolute Accuracy	± 1 gamma at 50,000 gammas at 23°C ± 2 gamma over total temperature range
Standard Memory Capacity	
Total Field or Gradient	1,200 data blocks or sets of readings
Tie-Line Points	100 data blocks or sets of readings
Base Station	5,000 data blocks or sets of readings
Display	Custom-designed, ruggedized liquid crystal display with an operating temperature range from –40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal decay rate and signal amplitude monitor and function descriptors.
RS 232 Serial I/O Interface	2400 baud, 8 data bits, 2 stop bits, no parity
Gradient Tolerance	6,000 gammas per meter (field proven)
Test Mode	A. Diagnostic testing (data and programmable memory) B. Self Test (hardware)
Sensor	Optimized miniature design. Magnetic cleanliness is consistent with the specified absolute accuracy.
Gradient Sensors	0.5 meter sensor separation (standard), normalized to gammas/meter. Optional 1.0 meter sensor separation available. Horizontal sensors optional.
Sensor Cable	Remains flexible in temperature range specified, includes strain-relief connector
Cycling Time (Base Station Mode)	Programmable from 5 seconds up to 60 minutes in 1 second increments
Operating Environmental Range	–40°C to +55°C; 0–100% relative humidity; weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid battery cartridge or belt; rechargeable NiCad or Disposable battery cartridge or belt; or 12V DC power source option for base station operation.
Battery Cartridge/Belt Life	2,000 to 5,000 readings, for sealed lead acid power supply, depending upon ambient temperature and rate of readings
Weights and Dimensions	
Instrument Console Only	2.8 kg, 238 x 150 x 250mm
NiCad or Alkaline Battery Cartridge	1.2 kg, 235 x 105 x 90mm
NiCad or Alkaline Battery Belt	1.2 kg, 540 x 100 x 40mm
Lead-Acid Battery Cartridge	1.8 kg, 235 x 105 x 90mm
Lead-Acid Battery Belt	1.8 kg, 540 x 100 x 40mm
Sensor	1.2 kg, 56mm diameter x 200mm
Gradient Sensor (0.5 m separation - standard)	2.1 kg, 56mm diameter x 790mm
Gradient Sensor (1.0 m separation - optional)	2.2 kg, 56mm diameter x 1300mm
Standard System Complement	Instrument console; sensor; 3-meter cable, aluminum sectional sensor staff, power supply, harness assembly, operations manual.
Base Station Option	Standard system plus 30 meter cable
Gradiometer Option	Standard system plus 0.5 meter sensor

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Printed in Canada

OMNI PLUS VLF/Magnetometer System

EDA

Specifications*

Frequency Tuning Range	15 to 30 kHz, with bandwidth of 150 Hz; tuning range accommodates new Puerto Rico station at 28.5 kHz
Transmitting Stations Measured	Up to 3 stations can be automatically measured at any given grid location within frequency tuning range
Recorded VLF Magnetic Parameters	Total field strength, total dip, vertical quadrature (or alternately, horizontal amplitude)
Standard Memory Capacity	800 combined VLF magnetic and VLF electric measurements as well as gradiometer and magnetometer readings
Display	Custom designed, ruggedized liquid crystal display with built-in heater and an operating temperature range from −40°C to +55°C. The display contains six numeric digits, decimal point, battery status monitor, signal strength status monitor and function descriptors.
RS232C Serial I/O Interface	2400 baud rate, 8 data bits, 2 stop bits, no parity
Test Mode	A. Diagnostic Testing (data and programmable memory) B. Self Test (hardware)
Sensor Head	Contains 3 orthogonally mounted coils with automatic tilt compensation
Operating Environmental Range	−40°C to +55°C; 0 – 100% relative humidity; Weatherproof
Power Supply	Non-magnetic rechargeable sealed lead-acid 18V DC battery cartridge or belt; 18V DC disposable battery belt; 12V DC external power source for base station operation only.
Weights and Dimensions	
Instrument Console	2.8 kg, 128 x 150 x 250 mm
Sensor Head	2.1 kg, 130 dia. x 130 mm
VLF Electronics Module	1.1 kg, 40 x 150 x 250 mm
Lead Acid Battery Cartridge	1.8 kg, 235 x 105 x 90 mm
Lead Acid Battery Belt	1.8 kg, 540 x 100 x 40 mm
Disposable Battery Belt	1.2 kg, 540 x 100 x 40 mm

*Preliminary

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APPENDIX II

VLF-EM and Magnetic Data List

INTERPRETEX RESOURCES LTD. Data listing (Line & Station + = Northings and Eastings, Current File Name: UPDAT.WR1
Area: STAMP CLAIM GROUP - = Southings and Westings) From File: UP.XYZ
Grid: Upper Stamp Grid
Date: September, 1989

DATA TYPE(S):	INSTRUMENT TYPE:	DATA DETAILS:
# 1. Total Field Magnetic Values	EDA VLF-EM/Magnetic System	Corrected total magnetic field
# 2. VLF-EM In-Phase Values	EDA VLF-EM/Magnetic System	Facing easterly using Hawaii Transmitter
# 3. VLF-EM Quadrature (Out-of-Phase)	" " " "	Facing easterly using Hawaii Transmitter
# 4. VLF-EM Field Strength	" " " "	Seattle total field strength
# 5. VLF-EM In-Phase Values	EDA VLF-EM/Magnetic System	Facing northerly using Annapolis Transmitt
# 6. VLF-EM Quadrature (Out-of-Phase)	" " " "	Facing northerly using Annapolis Transmitt
# 7. VLF-EM Field Strength	" " " "	Annapolis total field strength

STATION	N/S LINE #	E/W	# 1.	# 2.	# 3.	# 4	# 5.	# 6.	# 7.
line	2500								
0	2500	0	55870.6	4.7	9.1	11.2	13.5	5.0	9.3
25	2500	25	55891.4	2.2	8.1	11.4	11.4	4.3	9.4
50	2500	50	55890.5	1.5	8.2	11.5	11.7	3.2	9.4
75	2500	75	55877.2	-0.7	6.0	11.8	10.2	2.2	9.4
100	2500	100	55901.9	-1.4	4.9	11.9	9.6	1.8	9.4
125	2500	125	55854.1	-1.7	4.7	12.0	9.5	2.3	9.4
150	2500	150	55890.5	-3.8	4.4	12.1	9.2	2.7	9.4
175	2500	175	55890.5	-5.2	4.8	12.1	9.1	2.1	9.4
200	2500	200	56120.8	-6.8	3.9	12.5	8.9	0.6	9.3
225	2500	225	55784.5	-8.7	3.3	12.5	6.9	0.6	9.3
250	2500	250	55791.0	-11.6	2.1	12.2	6.6	0.9	9.3
275	2500	275	55827.7	-12.6	2.6	12.5	6.5	1.0	9.1
300	2500	300	55831.7	-14.6	3.0	12.3	5.4	1.4	8.7
325	2500	325	55848.1	-20.2	0.9	12.7	3.5	0.3	8.4
350	2500	350	55832.8	-18.8	1.7	12.1	4.0	0.9	8.4
375	2500	375	55830.8	-18.2	1.5	12.2	1.9	-0.4	8.5
400	2500	400	55858.3	-15.2	2.6	12.1	1.7	0.1	8.6
425	2500	425	55855.2	-13.4	2.4	12.2	2.1	1.4	8.8
450	2500	450	55843.5	-11.7	3.2	12.5	3.7	2.1	8.9
475	2500	475	55828.1	-11.8	2.9	12.6	3.0	1.3	8.8
500	2500	500	55853.0	-9.9	2.1	12.8	3.4	2.3	8.9
525	2500	525	55933.8	-9.9	2.7	12.8	3.0	2.5	9.0
550	2500	550	55817.6	-9.4	0.9	13.0	2.7	2.1	9.0
575	2500	575	55813.1	-9.3	-1.0	13.7	1.7	2.2	9.1
600	2500	600	55839.1	-8.0	-1.8	14.1	1.3	1.8	9.2
625	2500	625	55839.7	-7.5	-3.3	14.9	1.0	2.3	9.2
650	2500	650	55850.3	-6.1	-2.7	18.2	0.9	1.6	9.4
675	2500	675	55846.1	-4.8	-3.0	19.4	-0.4	2.1	9.4
700	2500	700	55847.1	-3.7	-3.8	20.5	-2.0	2.6	9.5
725	2500	725	55849.2	-2.9	-5.3	21.8	-2.1	1.8	9.6
750	2500	750	55848.2	-2.2	-6.9	22.4	-4.5	1.9	9.6
775	2500	775	55842.3	-0.4	-7.3	22.5	-4.8	3.0	9.6
line	2600								
0	2600	0	55831.4	-4.6	0.7	17.7	1.6	-0.5	8.3
25	2600	25	55851.1	-3.5	1.6	16.7	4.0	0.8	8.1
50	2600	50	55841.7	-4.2	1.1	16.9	2.6	-0.6	8.0
75	2600	75	55829.9	-4.4	2.4	17.2	2.8	0.0	8.1

100	2600	100	55882.0	-4.4	1.9	18.1	3.4	0.1	8.3
125	2600	125	55860.3	-5.4	0.9	18.6	3.3	-0.8	8.5
150	2600	150	55831.8	-7.5	0.2	18.8	2.5	-0.1	8.6
175	2600	175	55716.2	-8.5	-0.2	19.6	-0.1	-2.3	8.9
200	2600	200	55838.9	-9.8	-1.6	20.0	-1.3	-5.3	9.0
225	2600	225	55844.6	-9.0	-1.4	19.0	0.6	-3.7	8.9
250	2600	250	55870.8	-10.0	-1.0	19.6	-0.2	-3.7	9.1
275	2600	275	55881.7	-10.1	-0.7	19.2	1.2	-2.9	9.0
300	2600	300	55922.1	-12.9	-1.7	19.1	-1.4	-3.0	9.6
325	2600	325	55918.5	-13.6	-1.6	19.1	-1.9	-2.4	9.6
350	2600	350	56052.0	-22.6	-7.9	19.0	-6.8	-5.5	9.7
375	2600	375	55813.4	-19.7	-5.1	19.0	-5.9	-3.3	9.6
400	2600	400	55750.1	-20.2	-5.1	18.9	-7.2	-4.1	9.5
425	2600	425	55810.0	-18.4	-3.8	19.1	-7.1	-3.3	9.5
450	2600	450	55832.6	-19.7	-5.2	18.9	-7.8	-2.7	9.4
475	2600	475	55806.2	-20.4	-6.3	18.9	-9.4	-2.9	9.4
500	2600	500	55818.8	-22.1	-9.1	19.0	-12.0	-5.2	9.3
525	2600	525	55808.7	-23.8	-9.9	18.9	-14.6	-5.1	9.1
550	2600	550	55808.5	-24.2	-10.7	18.3	-15.9	-3.4	8.6
575	2600	575	55804.7	-21.8	-10.0	18.4	-14.5	-3.3	8.7
600	2600	600	55824.9	-19.9	-10.5	18.6	-16.2	-3.0	8.9
625	2600	625	55804.3	-16.9	-9.4	18.8	-15.4	-2.5	8.7
650	2600	650	55806.2	-17.7	-11.2	18.9	-18.8	-4.4	8.9
line	2700								
75	2700	75	55948.3	-2.2	-0.7	10.7	1.0	-3.3	10.0
100	2700	100	55889.8	-3.0	-1.5	11.0	1.7	-3.1	10.1
125	2700	125	55884.1	-4.4	-1.3	11.3	1.9	-2.3	10.2
150	2700	150	55882.8	-3.3	-0.3	11.3	2.0	-2.2	10.2
175	2700	175	55865.2	-4.4	-1.1	11.5	2.7	-1.8	10.1
200	2700	200	55883.7	-6.5	-2.0	11.5	1.3	-3.5	10.3
225	2700	225	55879.9	-5.9	-1.5	11.6	1.9	-2.6	10.2
250	2700	250	55876.4	-6.9	-1.6	11.6	1.0	-2.5	10.2
275	2700	275	55848.4	-6.8	-0.9	11.2	1.6	-2.1	10.1
300	2700	300	55840.9	-8.8	-1.0	11.4	0.4	-1.5	9.9
325	2700	325	55850.1	-8.3	0.4	11.3	0.4	-0.1	9.8
350	2700	350	55839.7	-9.1	0.1	11.4	0.2	-0.6	9.8
375	2700	375	55860.2	-12.9	-1.1	11.6	-1.3	-1.9	9.8
400	2700	400	55878.5	-12.4	0.0	11.7	-1.0	-1.3	9.9
425	2700	425	55859.4	-13.6	-0.9	11.6	-3.2	-1.9	10.0
450	2700	450	55938.7	-14.3	-3.0	11.6	-3.5	-1.9	10.0
475	2700	475	55996.1	-13.5	-3.5	11.3	-3.9	-2.6	10.0
500	2700	500	55765.7	-14.0	-3.8	11.3	-4.5	-2.5	10.0
525	2700	525	55865.9	-13.6	-4.7	11.1	-3.9	-2.2	10.1
550	2700	550	55864.2	-13.9	-4.3	11.5	-4.9	-1.8	10.1
575	2700	575	55826.0	-14.2	-5.5	11.7	-6.0	-2.0	10.2
600	2700	600	55860.1	-14.2	-7.0	11.7	-5.3	-2.4	10.3
625	2700	625	55859.9	-13.4	-7.7	11.5	-6.6	-2.6	10.3
650	2700	650	55868.3	-13.9	-9.5	11.5	-7.8	-3.6	10.4
675	2700	675	55837.0	-13.9	-9.8	11.6	-8.2	-2.9	10.3
700	2700	700	55831.6	-12.8	-10.9	11.5	-8.6	-3.4	10.6
725	2700	725	55843.3	-9.5	-10.9	11.6	-6.9	-1.5	10.7
750	2700	750	55824.4	-6.2	-11.5	11.6	-5.0	-1.5	10.7
775	2700	775	55819.1	-3.7	-12.9	11.6	-5.3	-1.3	10.7
800	2700	800	55833.4	3.2	-12.3	11.9	-4.0	-1.8	10.9

line	2800								
0	2800	0	55932.7	-9.1	-2.8	18.3	-0.8	-5.4	9.0
25	2800	25	55896.5	-6.9	0.0	18.1	2.1	-2.9	9.0
50	2800	50	55899.9	-7.5	0.3	18.5	2.3	-2.2	9.2
75	2800	75	55894.1	-5.6	1.5	18.4	2.5	-1.4	9.0
100	2800	100	55896.5	-5.3	1.4	19.0	4.7	-1.6	8.9
125	2800	125	55891.6	-5.9	0.7	19.0	3.7	-1.0	9.0
150	2800	150	55911.4	-5.6	1.3	19.2	3.8	-1.7	9.0
175	2800	175	55946.5	-5.9	1.2	19.2	3.8	-2.2	9.1
200	2800	200	56095.8	-6.2	0.9	20.0	2.8	-0.7	9.3
225	2800	225	55839.5	-6.1	0.4	20.2	3.0	-1.0	9.3
250	2800	250	55925.0	-6.9	1.3	20.2	3.6	-0.9	9.4
275	2800	275	55885.8	-9.0	0.7	20.5	1.8	-0.6	9.5
300	2800	300	55878.6	-9.5	1.4	20.2	1.4	-1.7	9.5
325	2800	325	55849.8	-11.7	0.8	20.1	0.3	-1.8	9.5
350	2800	350	55913.2	-11.4	0.6	20.2	0.4	-0.1	9.6
375	2800	375	55993.3	-11.6	0.5	20.2	-0.7	-2.1	9.6
400	2800	400	55777.2	-13.8	-1.3	20.5	-3.0	-1.9	9.6
425	2800	425	55821.0	-13.7	-2.2	21.2	-3.6	-2.8	9.8
450	2800	450	55827.5	-11.1	-2.4	22.2	-0.3	-0.7	10.0
475	2800	475	55841.0	-10.1	-2.7	21.6	0.9	-1.3	9.9
500	2800	500	55853.2	-9.3	-3.5	21.4	2.0	-0.8	9.8
525	2800	525	55872.5	-8.3	-4.3	21.3	1.9	-0.9	9.9
550	2800	550	55867.1	-7.9	-5.4	21.1	1.7	-1.0	9.9
575	2800	575	55882.3	-7.2	-7.4	20.9	2.0	-2.5	9.8
600	2800	600	55909.6	-6.4	-9.0	20.5	1.9	-2.6	9.8
625	2800	625	55885.9	-3.8	-11.3	19.8	2.5	-3.9	9.6
650	2800	650	55924.5	-0.9	-12.7	19.8	5.3	-4.8	9.8
675	2800	675	55913.2	3.2	-15.2	19.4	7.6	-4.9	9.7
line	2900								
0	2900	0	55878.2	-7.5	-3.5	18.1	-0.4	-3.5	9.2
25	2900	25	55865.2	-9.1	-3.9	18.0	0.5	-3.5	9.1
50	2900	50	55894.5	-8.8	-3.9	11.2	-0.3	-2.5	9.2
75	2900	75	55896.6	-8.1	-3.8	18.0	0.2	-2.5	9.3
100	2900	100	55897.5	-7.6	-3.6	18.1	0.5	-2.3	9.3
125	2900	125	55884.1	-6.8	-2.3	18.1	1.4	-2.7	9.4
150	2900	150	55909.5	-6.7	-2.4	18.4	1.4	-1.6	9.4
175	2900	175	55986.9	-6.2	-1.9	18.6	2.7	-1.4	9.5
200	2900	200	55830.4	-5.7	-2.5	19.0	2.8	-0.7	9.5
225	2900	225	55851.2	-5.9	-1.9	19.3	2.8	-1.7	9.6
250	2900	250	55878.8	-5.7	-1.4	19.4	3.1	-0.8	9.7
275	2900	275	55954.0	-7.4	-1.4	19.9	1.6	-0.7	9.8
300	2900	300	55886.5	-6.8	-2.1	20.4	3.2	-1.5	9.9
325	2900	325	55867.3	-6.8	-2.6	19.6	4.2	-1.3	9.5
350	2900	350	55909.3	-4.9	-1.5	19.7	5.4	-0.5	9.4
375	2900	375	55946.6	-6.7	-2.9	19.7	4.1	-1.1	9.3
400	2900	400	55964.8	-6.8	-2.9	19.4	3.3	-1.4	9.4
425	2900	425	55935.4	-5.5	-2.8	19.4	4.3	-1.3	9.2
450	2900	450	55763.3	-7.5	-4.5	19.4	3.8	-1.8	9.1
475	2900	475	55829.8	-8.6	-4.9	18.9	2.4	-1.7	9.1
500	2900	500	55860.8	-7.7	-5.6	18.9	1.2	-2.9	9.2
525	2900	525	55892.2	-8.3	-7.2	18.9	0.5	-3.7	9.1
550	2900	550	55939.0	-8.5	-8.5	18.7	0.1	-5.2	9.2
575	2900	575	55969.7	-8.3	-10.2	18.5	0.4	-5.9	9.2

600	2900	600	56046.4	-7.0	-12.5	18.3	2.4	-5.6	9.1
625	2900	625	56065.0	-3.4	-13.6	17.9	5.9	-4.8	9.1
650	2900	650	56008.0	-1.6	-15.7	17.6	6.9	-6.2	8.9
675	2900	675	56001.4	0.9	-17.1	17.8	9.2	-5.5	9.0
700	2900	700	56121.6	4.3	-20.4	17.6	9.7	-9.0	8.8
725	2900	725	56013.9	8.6	-22.1	17.8	11.5	-9.5	8.8
750	2900	750	55974.5	13.9	-24.4	17.5	11.7	-11.7	8.7
line	3000								
0	3000	0	55870.2	-6.8	0.3	12.2	2.8	-2.4	10.4
25	3000	25	55869.4	-8.4	0.0	12.4	4.1	-1.6	10.4
50	3000	50	55879.0	-7.3	-0.1	12.6	6.7	-1.1	10.3
75	3000	75	55881.7	-5.3	0.3	12.6	8.6	-0.6	10.3
100	3000	100	55846.4	-4.7	1.1	12.7	7.5	-1.5	10.3
125	3000	125	55950.5	-4.3	1.2	12.8	8.4	-1.9	10.1
150	3000	150	56015.3	-3.2	1.0	12.9	8.6	-1.7	10.0
175	3000	175	55890.9	-3.6	0.6	13.0	8.6	-2.7	9.9
200	3000	200	55867.0	-2.8	-0.1	13.2	8.3	-1.7	9.9
225	3000	225	55852.9	-3.1	0.2	13.2	8.7	-1.0	9.9
250	3000	250	55869.8	-1.7	0.5	13.3	10.8	-1.6	9.9
275	3000	275	55865.3	-8.6	-4.4	13.5	5.6	-3.9	9.5
300	3000	300	55867.1	-5.9	-2.0	13.1	7.2	-2.0	9.4
325	3000	325	55859.6	-3.4	0.6	13.7	7.9	-1.8	9.5
350	3000	350	55895.0	-5.0	-1.4	13.8	6.1	-2.0	9.4
375	3000	375	55885.3	-6.3	-2.1	13.5	3.9	-2.3	9.4
400	3000	400	55796.8	-8.1	-3.0	14.0	2.4	-2.7	9.2
425	3000	425	55835.6	-9.0	-4.8	14.0	0.5	-4.5	9.1
450	3000	450	55863.4	-9.7	-5.5	14.2	-0.3	-6.1	9.2
475	3000	475	55906.9	-11.9	-8.0	13.9	-2.2	-8.3	9.0
500	3000	500	55982.0	-11.3	-9.0	13.9	-2.5	-9.0	9.0
525	3000	525	56011.3	-12.3	-10.1	13.9	-2.1	-9.6	9.1
550	3000	550	56015.6	-12.8	-12.8	13.9	-1.6	-9.2	9.0
575	3000	575	56030.3	-11.0	-14.7	13.8	0.3	-9.2	9.1
600	3000	600	56029.5	-9.4	-18.2	13.7	2.8	-10.6	8.9
625	3000	625	55950.8	-6.8	-19.4	13.6	3.3	-11.9	9.0
650	3000	650	55939.1	-1.3	-21.8	13.1	3.0	-12.6	9.0
675	3000	675	55947.3	0.8	-23.3	13.5	5.7	-13.5	8.9
700	3000	700	56006.9	8.4	-25.0	13.5	8.4	-14.7	8.8
725	3000	725	56013.7	15.2	-25.6	13.6	10.7	-16.3	8.8
line	3100								
0	3100	0	55891.0	-5.1	-2.9	12.1	6.0	-2.2	10.3
25	3100	25	55870.1	-5.0	-2.9	12.0	6.5	-1.1	10.3
50	3100	50	55875.5	-6.1	-3.4	11.7	7.5	-1.3	10.2
75	3100	75	55861.2	-3.4	-1.4	11.6	9.7	-0.6	10.0
100	3100	100	55886.2	-1.4	0.1	11.6	10.2	0.5	9.8
125	3100	125	55856.7	-1.3	0.0	11.6	9.4	0.2	9.8
150	3100	150	55892.7	-0.3	-0.4	11.7	9.7	-0.1	9.5
175	3100	175	55886.3	-0.6	-0.8	11.5	9.5	-0.2	9.4
200	3100	200	55878.4	-0.9	-0.7	11.4	10.4	-0.6	9.1
225	3100	225	55887.5	0.0	-0.3	11.3	10.3	-0.7	8.6
250	3100	250	55859.0	-0.7	-0.4	11.3	8.0	-0.1	8.5
275	3100	275	55838.2	-0.4	-0.4	11.5	8.0	-0.2	8.6
300	3100	300	55853.3	-2.5	-1.3	11.5	4.3	-1.9	8.5
325	3100	325	55762.2	-4.4	-1.8	11.6	2.7	-1.5	8.5
350	3100	350	55785.8	-6.0	-2.8	11.6	1.3	-2.8	8.4

375	3100	375	55819.8	-8.0	-5.5	11.7	-1.1	-5.2	8.5
400	3100	400	55872.1	-9.1	-6.2	11.5	-2.9	-6.6	8.5
425	3100	425	55905.5	-8.7	-7.0	11.4	-3.8	-8.1	8.5
450	3100	450	56067.6	-9.6	-6.8	11.5	-4.5	-8.8	8.7
475	3100	475	56147.5	-8.4	-9.1	11.3	-1.0	-9.3	8.6
500	3100	500	56063.4	-10.7	-11.4	11.5	-1.2	-9.2	8.6
525	3100	525	56008.5	-10.5	-13.4	11.5	-1.0	-10.3	8.6
550	3100	550	55940.5	-10.7	-16.0	11.4	-0.5	-11.2	8.5
575	3100	575	55922.1	-9.1	-17.5	11.2	1.6	-11.2	8.4
600	3100	600	55906.9	-7.2	-19.6	11.2	0.8	-12.2	8.4
625	3100	625	55896.9	-4.9	-21.0	11.0	2.1	-13.3	8.4
650	3100	650	55885.7	-2.3	-21.8	10.9	2.3	-13.0	8.3
675	3100	675	55857.1	5.3	-24.9	10.9	5.7	-14.4	8.3
700	3100	700	55781.3	10.6	-27.5	11.2	7.1	-16.5	8.2
725	3100	725	55617.0	21.7	-28.3	11.3	10.1	-17.4	8.2
line	3200								
0	3200	0	55904.2	-3.5	3.4	24.1	9.5	0.5	10.3
25	3200	25	55919.6	-4.2	4.3	24.5	9.1	0.2	10.4
50	3200	50	55922.4	-5.4	2.4	24.8	9.3	-0.9	10.5
75	3200	75	55905.1	-7.2	2.2	24.7	8.4	-1.6	10.4
100	3200	100	55906.0	-6.6	1.4	24.7	8.2	-0.2	10.4
125	3200	125	55982.3	-5.0	3.6	24.2	9.1	-0.5	10.3
150	3200	150	55947.2	-5.9	2.3	23.5	7.9	-1.8	10.0
175	3200	175	55997.9	-5.3	1.7	23.5	7.3	-2.1	9.8
200	3200	200	56037.9	-5.7	-0.3	22.9	5.7	-3.0	9.7
225	3200	225	56212.8	-4.5	0.6	23.6	5.1	-3.3	9.7
250	3200	250	55687.8	-5.3	0.5	23.4	4.7	-3.7	9.7
275	3200	275	56036.4	-6.3	-0.7	23.5	2.7	-4.9	9.8
300	3200	300	55725.2	-5.9	-1.1	23.2	2.6	-5.3	10.0
325	3200	325	55767.0	-5.7	-0.6	23.4	2.4	-4.9	10.1
350	3200	350	55789.1	-5.1	-1.5	23.8	2.4	-5.5	10.2
375	3200	375	55829.1	-4.2	-1.2	22.9	2.4	-4.1	10.3
400	3200	400	55933.0	-4.2	-1.7	22.8	4.5	-4.6	10.3
425	3200	425	56027.2	-4.7	-2.3	22.6	4.4	-5.8	10.2
450	3200	450	56020.9	-4.7	-2.8	22.6	4.8	-4.9	10.3
475	3200	475	55989.1	-5.0	-3.9	22.9	5.0	-5.5	10.3
500	3200	500	55944.9	-5.1	-5.0	22.8	6.3	-4.7	10.5
525	3200	525	56031.7	-3.3	-4.2	22.7	10.0	-3.1	10.3
550	3200	550	57409.1	-0.9	-4.2	22.2	12.4	-3.3	10.1
575	3200	575	56199.1	-2.8	-8.8	22.8	9.1	-6.3	10.1
600	3200	600	56160.2	-2.9	-8.6	22.6	8.2	-6.2	10.0
625	3200	625	56275.4	-3.3	-10.7	22.1	7.4	-6.7	9.8
650	3200	650	56343.8	-3.2	-13.4	21.8	6.2	-8.9	9.5
675	3200	675	56299.8	-2.3	-15.7	21.5	5.3	-10.1	9.5
700	3200	700	55693.2	0.1	-20.2	20.6	4.2	-11.4	9.4
725	3200	725	56068.3	2.8	-21.3	20.4	4.5	-10.8	9.3
750	3200	750	56440.5	6.9	-23.5	20.0	4.2	-13.0	9.1
775	3200	775	55520.8	10.1	-26.8	20.2	7.4	-13.3	9.0
line	3300								
-1200	3300	-1200	55662.6	4.0	-0.9	18.4	9.9	4.8	10.4
-1175	3300	-1175	55571.2	3.3	-0.4	18.1	8.4	4.8	10.2
-1150	3300	-1150	55766.3	4.4	-1.0	17.7	9.5	5.0	10.2
-1125	3300	-1125	55861.2	5.6	-0.2	18.0	8.3	5.7	10.5
-1100	3300	-1100	55818.1	3.2	0.1	18.2	6.7	4.7	10.5

-1075	3300	-1075	55840.4	4.4	-0.7	18.0	6.4	4.8	10.3
-1050	3300	-1050	55875.1	5.6	0.1	18.0	6.6	5.9	10.5
-1025	3300	-1025	55820.9	9.8	2.1	18.4	10.0	7.4	10.5
-1000	3300	-1000	55830.7	4.5	1.1	18.4	7.2	5.8	10.5
-975	3300	-975	55829.1	5.7	2.8	18.3	7.5	5.9	10.4
-950	3300	-950	55860.1	6.1	1.7	18.6	6.8	6.2	10.5
-925	3300	-925	55912.8	6.1	1.9	18.5	7.6	7.2	10.4
-900	3300	-900	55847.8	6.7	1.0	19.0	7.5	7.4	10.5
-875	3300	-875	55867.4	6.8	2.0	19.0	7.4	7.0	10.5
-850	3300	-850	55860.3	6.2	6.4	18.7	7.5	7.6	10.5
-825	3300	-825	55896.7	4.6	1.0	19.5	6.1	6.9	10.7
-800	3300	-800	55893.5	2.4	-0.2	19.5	4.6	5.5	10.7
-775	3300	-775	55885.1	-0.2	-1.4	19.7	2.1	4.4	10.6
-750	3300	-750	55856.1	-0.2	-0.8	19.4	1.9	3.4	10.7
-725	3300	-725	55930.4	-0.3	-1.8	19.0	2.4	3.9	10.8
-700	3300	-700	55859.7	-0.7	-0.3	18.9	1.9	4.6	10.7
-675	3300	-675	55898.9	0.6	1.2	18.5	4.3	5.4	10.6
-650	3300	-650	55875.1	0.7	5.2	17.8	3.3	4.6	10.5
-625	3300	-625	55820.4	4.6	1.7	18.0	3.8	4.5	10.3
-600	3300	-600	55816.3	5.4	3.2	18.1	3.5	5.1	10.4
-575	3300	-575	55827.5	8.9	4.8	18.2	6.5	6.5	10.4
-550	3300	-550	55845.9	6.7	10.1	18.1	6.6	6.9	10.3
-525	3300	-525	55813.1	7.3	3.8	19.0	4.8	5.8	10.5
-500	3300	-500	55834.9	4.5	3.4	19.3	4.0	5.4	10.5
-475	3300	-475	55842.1	2.6	2.5	19.2	4.0	4.0	10.4
-450	3300	-450	55871.7	0.4	4.1	18.5	3.8	3.0	10.5
-425	3300	-425	55852.0	1.0	0.4	18.8	2.6	3.0	10.6
-400	3300	-400	55795.2	-0.4	5.2	18.5	2.7	3.2	10.7
-375	3300	-375	56214.2	1.1	2.2	19.0	2.7	3.1	10.8
-350	3300	-350	55852.1	2.8	3.4	18.9	5.2	4.0	10.5
-325	3300	-325	55859.2	3.4	3.1	18.9	6.8	4.5	10.6
-300	3300	-300	55953.8	3.9	2.6	18.8	6.9	4.6	10.5
-275	3300	-275	55845.9	3.1	2.7	18.8	7.3	4.1	10.4
-250	3300	-250	55871.4	0.0	5.7	18.2	6.6	4.2	10.5
-225	3300	-225	55860.5	0.5	2.2	18.8	5.8	3.5	10.4
-200	3300	-200	55852.0	0.0	1.9	18.8	6.2	3.2	10.5
-175	3300	-175	55889.0	-0.3	2.8	18.7	6.9	3.6	10.3
-150	3300	-150	55864.3	-0.6	4.8	18.8	7.4	4.4	10.3
-125	3300	-125	55842.4	-3.4	4.3	18.7	7.1	4.3	10.1
-100	3300	-100	55830.9	-4.9	3.2	18.4	6.1	3.4	10.1
-75	3300	-75	55901.7	-6.8	5.2	17.6	7.6	5.3	9.9
-50	3300	-50	55894.7	-6.3	6.0	17.3	9.3	4.6	9.8
-25	3300	-25	55934.5	-6.5	5.6	17.7	9.9	5.3	9.8
0	3300	0	56208.3	-4.3	6.6	17.5	12.4	6.4	9.8
25	3300	25	56179.8	-2.8	5.7	18.3	10.5	5.0	8.6
50	3300	50	55892.4	-3.1	3.8	18.5	7.2	3.9	8.7
75	3300	75	55837.2	-3.6	3.2	18.4	6.8	1.7	8.6
100	3300	100	55986.9	-5.9	1.4	18.9	1.6	-1.4	8.7
125	3300	125	55965.0	-6.5	0.1	18.0	1.1	-1.3	8.6
150	3300	150	56102.1	-5.0	-0.3	18.4	0.2	-2.9	8.8
175	3300	175	56119.2	-5.8	-1.7	18.5	-2.3	-4.2	9.0
200	3300	200	55956.9	-4.2	-2.2	18.2	-0.5	-5.6	9.1
225	3300	225	55767.9	-2.2	-0.7	18.0	5.2	-2.2	9.3
250	3300	250	55988.0	-2.3	-1.2	18.7	5.6	-2.8	9.3

275	3300	275	56030.3	-0.4	-1.1	18.8	7.4	-1.8	9.2
300	3300	300	56025.0	0.3	-0.7	18.6	6.8	-3.2	9.1
325	3300	325	56038.7	2.1	-0.2	18.8	7.3	-3.1	9.1
350	3300	350	56146.6	-0.1	-2.5	19.4	4.3	-5.8	9.4
375	3300	375	56067.0	-2.3	-4.0	19.3	8.4	-3.1	9.4
400	3300	400	56029.0	-1.2	-4.3	19.0	9.9	-3.0	9.0
425	3300	425	55929.2	-2.1	-5.1	18.9	10.8	-3.5	8.9
450	3300	450	56082.3	-1.8	-5.6	19.0	10.4	-4.2	8.9
475	3300	475	55996.4	-1.6	-5.5	18.9	10.1	-4.2	8.8
500	3300	500	56015.3	-0.7	-5.9	18.8	9.7	-4.5	8.6
525	3300	525	56118.6	-1.8	-7.2	18.5	8.9	-5.4	8.6
550	3300	550	56737.2	-1.6	-8.7	18.7	9.1	-5.7	8.6
575	3300	575	56463.9	-0.3	-8.8	18.7	7.7	-5.1	8.6
600	3300	600	56434.2	1.3	-9.1	18.5	6.8	-4.9	8.6
625	3300	625	55937.1	0.3	-11.3	18.6	6.1	-6.4	8.5
650	3300	650	55932.2	1.4	-12.8	18.6	5.3	-6.4	8.6
675	3300	675	56357.3	2.2	-14.4	18.7	5.3	-6.1	8.6
700	3300	700	55696.8	1.8	-16.1	18.7	3.1	-7.4	8.6
725	3300	725	55985.2	3.8	-17.9	18.2	3.6	-6.8	8.5
750	3300	750	56061.3	7.1	-18.4	17.6	3.0	-8.0	8.4
775	3300	775	56223.3	9.5	-20.3	10.3	3.1	-7.9	8.4
800	3300	800	56106.1	10.6	-22.6	17.8	3.2	-7.9	8.2
825	3300	825	55168.2	18.8	-23.4	17.7	3.6	-8.0	8.1
850	3300	850	55720.7	33.4	-27.2	17.9	5.1	-8.4	8.0
line	3400								
-1200	3400	-1200	55566.9	3.8	-0.6	18.3	1.4	-2.1	10.4
-1175	3400	-1175	55703.4	1.0	2.2	19.5	1.7	-2.7	10.6
-1150	3400	-1150	55825.5	-16.2	-4.3	19.0	-5.4	-6.3	10.2
-1125	3400	-1125	55808.0	-5.3	0.7	18.2	2.0	-0.6	10.0
-1100	3400	-1100	55832.0	-0.8	3.8	18.2	6.0	2.1	10.1
-1075	3400	-1075	55867.9	0.8	3.7	18.2	6.8	2.5	10.1
-1050	3400	-1050	55871.1	3.0	5.1	18.2	8.7	4.6	10.0
-1025	3400	-1025	55897.9	4.3	5.7	18.5	9.0	4.4	10.0
-1000	3400	-1000	55859.6	5.4	7.8	18.7	10.1	6.7	10.1
-975	3400	-975	55861.5	7.2	8.7	19.1	10.3	7.0	10.0
-950	3400	-950	55862.9	6.4	7.5	19.4	10.5	7.0	10.1
-925	3400	-925	55910.6	4.6	6.8	18.9	9.2	6.2	10.0
-900	3400	-900	55857.3	8.2	7.8	19.4	10.2	7.0	9.9
-875	3400	-875	55879.8	6.5	6.9	19.8	9.0	5.4	10.0
-850	3400	-850	55880.3	6.0	7.0	19.7	8.7	6.1	10.0
-825	3400	-825	55871.0	3.9	6.2	20.2	8.2	4.6	10.1
-800	3400	-800	55872.9	2.8	5.4	20.6	6.9	4.8	10.2
-775	3400	-775	55889.3	1.3	4.1	20.8	5.0	3.6	10.1
-750	3400	-750	55937.6	-1.9	3.7	20.6	2.3	1.9	10.2
-725	3400	-725	55872.0	-3.2	4.0	20.6	1.7	1.3	10.1
-700	3400	-700	55915.1	-4.2	4.5	20.1	2.3	0.8	9.9
-675	3400	-675	56027.9	-3.2	5.3	19.7	1.7	0.7	9.8
-650	3400	-650	56125.4	-1.7	4.9	19.4	1.8	0.7	9.6
-625	3400	-625	55897.9	-0.8	6.0	19.1	2.0	0.8	9.7
-600	3400	-600	56246.9	0.8	6.7	18.8	2.5	1.3	9.7
-575	3400	-575	55802.3	2.1	6.6	19.0	2.3	2.1	9.6
-550	3400	-550	55829.1	3.8	8.0	18.9	2.6	1.6	9.7
-525	3400	-525	55873.6	5.0	8.0	19.2	3.2	1.9	9.8
-500	3400	-500	55818.4	3.3	7.2	19.7	3.5	1.3	9.7

-475	3400	-475	55867.6	-0.4	6.2	20.0	3.0	1.2	9.9
-450	3400	-450	55864.8	-0.6	6.5	19.9	4.2	1.5	9.9
-425	3400	-425	55841.1	0.0	6.6	19.8	6.4	2.1	10.0
-400	3400	-400	55852.1	0.3	6.8	19.9	6.8	3.0	9.9
-375	3400	-375	55976.8	0.1	7.6	19.1	7.2	2.6	9.8
-350	3400	-350	55890.6	2.0	8.5	19.0	8.2	3.7	9.7
-325	3400	-325	55831.7	1.4	8.6	19.1	8.4	3.1	9.7
-300	3400	-300	55832.2	-1.1	5.8	18.5	7.1	3.5	9.5
-275	3400	-275	55803.3	0.6	8.7	18.8	7.6	3.7	9.3
-250	3400	-250	55869.6	1.0	9.6	19.0	9.4	3.0	9.2
-225	3400	-225	55824.3	-1.7	6.5	18.5	8.4	4.1	8.6
-200	3400	-200	55833.3	-1.8	7.3	18.6	8.9	4.3	8.8
-175	3400	-175	55864.4	-1.8	10.4	19.2	10.2	3.4	7.0
-150	3400	-150	55926.2	-7.4	6.9	18.4	9.8	3.6	6.4
-125	3400	-125	55835.3	-6.6	9.4	18.8	8.3	2.4	6.5
-100	3400	-100	55861.3	-10.7	7.7	18.8	5.0	-0.2	7.2
-75	3400	-75	55976.3	-8.5	7.5	18.1	7.5	-0.6	3.3
-50	3400	-50	55949.6	-9.7	7.7	18.2	4.0	-0.2	8.5
-25	3400	-25	56075.3	-8.1	7.5	18.2	4.6	-0.3	8.5
0	3400	0	56147.6	-8.0	7.2	17.9	2.6	-1.9	8.3
line	3500								
-1200	3500	-1200	55674.3	4.2	1.3	11.7	8.9	2.7	11.0
-1175	3500	-1175	55685.6	1.6	-2.7	12.0	9.3	3.7	10.9
-1150	3500	-1150	55795.0	3.7	-2.0	11.8	9.2	4.5	10.9
-1125	3500	-1125	55779.5	3.7	-0.5	12.0	8.0	4.4	10.8
-1100	3500	-1100	55795.9	3.7	-0.1	12.0	7.7	3.9	10.9
-1075	3500	-1075	55835.1	4.1	4.4	11.9	9.4	5.4	11.0
-1050	3500	-1050	55816.8	4.2	3.9	11.8	8.5	4.9	11.0
-1025	3500	-1025	55889.6	3.7	0.0	12.3	7.4	3.7	10.9
-1000	3500	-1000	55811.9	2.5	-1.0	12.3	6.3	3.4	11.0
-975	3500	-975	55844.3	4.4	0.0	12.3	6.9	4.8	11.1
-950	3500	-950	55857.4	3.9	-0.8	12.3	7.6	4.7	11.2
-925	3500	-925	55901.9	4.2	1.0	12.3	6.9	5.4	11.2
-900	3500	-900	55854.4	6.8	0.5	12.5	7.1	5.8	11.2
-875	3500	-875	55848.4	7.7	0.0	12.6	8.4	6.5	11.2
-850	3500	-850	55847.9	6.1	1.0	12.8	8.5	6.5	11.3
-825	3500	-825	55874.4	8.1	2.1	12.9	8.5	7.1	11.3
-800	3500	-800	55905.9	9.4	0.9	13.2	8.2	7.1	11.4
-775	3500	-775	55887.4	9.3	0.0	13.4	7.7	5.4	11.4
-750	3500	-750	55887.4	8.6	2.5	13.5	8.8	4.7	11.8
-725	3500	-725	55821.3	8.5	3.4	13.7	10.3	5.6	11.6
-700	3500	-700	55812.0	7.9	2.0	13.7	10.7	5.0	11.8
-675	3500	-675	55808.6	6.8	8.1	13.5	11.8	5.0	11.8
-650	3500	-650	55837.6	7.8	4.0	14.0	12.2	4.6	12.2
-625	3500	-625	56037.5	7.8	4.6	14.2	11.6	4.1	12.2
-600	3500	-600	55809.2	9.8	5.0	14.2	11.9	4.6	12.0
-575	3500	-575	55830.6	10.7	4.5	14.3	12.2	4.8	12.1
-550	3500	-550	55847.0	11.2	4.8	14.7	11.4	4.4	12.2
-525	3500	-525	55844.1	9.7	3.2	14.9	10.2	4.1	12.2
-500	3500	-500	55851.6	8.4	3.1	15.1	12.0	4.7	12.2
-475	3500	-475	55853.1	8.7	3.2	15.2	12.9	4.7	12.1
-450	3500	-450	55846.0	8.4	3.6	15.3	13.1	4.3	11.8
-425	3500	-425	55841.4	8.6	2.6	15.5	12.6	4.2	12.1
-400	3500	-400	55836.6	5.6	6.0	15.0	11.1	4.3	12.1

-375	3500	-375	55821.7	5.1	0.9	15.0	11.5	3.6	11.8
-350	3500	-350	55841.4	5.0	1.6	14.2	10.2	3.0	11.6
-325	3500	-325	55817.6	5.0	2.0	13.7	10.2	4.2	11.2
-300	3500	-300	55844.4	5.0	1.6	13.3	9.0	3.5	11.0
-275	3500	-275	55877.8	2.1	5.1	12.7	9.5	4.5	10.6
-250	3500	-250	55819.6	1.2	4.5	12.4	7.8	2.4	10.5
-225	3500	-225	55813.6	1.5	3.2	12.8	7.9	3.9	10.3
-200	3500	-200	55819.1	1.6	3.5	12.8	8.4	3.2	10.2
-175	3500	-175	55805.4	-0.3	5.5	12.5	8.4	4.1	10.3
-150	3500	-150	55790.2	-1.1	5.1	12.6	8.1	4.2	10.2
-125	3500	-125	55825.8	-3.4	4.0	12.6	6.2	2.5	10.3
-100	3500	-100	55944.4	-5.5	3.3	12.7	3.6	0.2	10.2
-75	3500	-75	55982.4	-6.4	4.0	11.9	4.2	1.7	10.3
-50	3500	-50	55867.9	-6.6	3.1	12.2	1.3	0.5	10.3
-25	3500	-25	55973.8	-7.7	2.5	11.6	0.4	0.0	9.7
0	3500	0	56169.3	-7.3	2.8	11.1	-0.1	-1.6	10.0
line	3600								
-1200	3600	-1200	55793.8	1.4	3.7	12.4	8.7	2.6	11.1
-1175	3600	-1175	55656.7	-0.3	1.0	12.1	8.4	3.3	11.1
-1150	3600	-1150	55768.4	-0.2	5.8	12.5	9.4	3.4	11.2
-1125	3600	-1125	55782.0	1.2	5.1	12.4	9.4	3.1	11.2
-1100	3600	-1100	55841.1	1.4	5.8	12.4	8.7	2.9	11.0
-1075	3600	-1075	55908.1	1.5	4.0	12.6	8.5	3.0	11.2
-1050	3600	-1050	55827.0	2.4	4.4	12.9	10.0	3.1	11.2
-1025	3600	-1025	55823.5	3.8	4.8	13.1	9.1	3.7	11.1
-1000	3600	-1000	55852.0	5.6	3.2	13.0	-4.7	-6.4	11.4
-975	3600	-975	55870.5	3.8	5.6	13.3	11.9	6.0	11.2
-950	3600	-950	55838.2	2.8	5.0	13.4	9.2	4.3	11.1
-925	3600	-925	55861.5	2.1	2.6	13.0	7.1	3.5	11.0
-900	3600	-900	55916.6	3.1	4.1	13.3	8.1	3.2	10.9
-875	3600	-875	55829.3	5.3	4.7	13.2	9.1	3.0	10.9
-850	3600	-850	55854.1	5.4	5.0	13.4	9.4	3.7	11.1
-825	3600	-825	55849.4	7.5	6.7	13.4	9.9	3.4	11.0
-800	3600	-800	55885.6	6.0	5.6	13.2	9.6	3.9	11.1
-775	3600	-775	55871.9	9.2	7.6	13.8	11.4	3.2	11.0
-750	3600	-750	55855.5	6.5	7.3	14.1	12.8	2.8	10.9
-725	3600	-725	55861.7	5.6	7.2	14.1	11.6	2.0	10.9
-700	3600	-700	55855.8	3.5	7.1	14.2	11.6	0.6	11.0
-675	3600	-675	55891.0	1.5	4.7	13.6	10.7	0.6	10.9
-650	3600	-650	55790.7	2.8	6.2	13.6	13.4	2.1	10.8
-625	3600	-625	55805.6	5.5	8.1	14.0	12.3	1.5	10.8
-600	3600	-600	55828.3	5.8	8.7	13.7	13.1	1.0	10.7
-575	3600	-575	55830.6	5.7	8.2	13.7	12.5	1.1	10.6
-550	3600	-550	55819.7	5.4	8.1	13.9	12.4	1.8	10.5
-525	3600	-525	55825.2	5.5	8.7	14.0	13.4	2.8	10.5
-500	3600	-500	55850.6	7.9	8.8	13.9	15.2	3.5	10.4
-475	3600	-475	55825.8	9.1	8.2	14.0	15.5	3.9	10.2
-450	3600	-450	55837.1	9.0	8.2	14.3	14.2	4.3	10.2
-425	3600	-425	55808.5	7.1	6.0	14.4	13.2	2.8	10.2
-400	3600	-400	55853.0	5.2	5.9	14.4	12.7	1.1	10.2
-375	3600	-375	55825.1	3.6	4.0	14.1	11.1	0.8	10.4
-350	3600	-350	55953.5	3.2	4.7	14.9	9.5	-0.2	10.5
-325	3600	-325	55897.3	2.7	4.6	14.5	9.2	0.3	10.5
-300	3600	-300	55797.6	5.5	6.7	14.7	14.1	2.9	10.6

-275	3600	-275	55812.8	1.5	4.2	14.7	12.5	2.1	10.5
-250	3600	-250	55822.0	1.7	4.1	15.0	9.7	-0.1	10.6
-225	3600	-225	55816.4	0.1	4.7	15.6	8.2	-1.0	10.5
-200	3600	-200	55842.7	-2.5	2.9	15.7	3.8	-4.3	10.4
-175	3600	-175	55781.7	-5.1	2.0	15.4	1.4	-5.3	10.3
-150	3600	-150	55901.8	-3.7	3.6	15.7	3.5	-2.0	10.8
-125	3600	-125	55756.7	-2.7	4.1	16.0	4.4	-2.1	10.5
-100	3600	-100	56073.9	-6.1	4.7	15.4	5.1	-1.4	10.3
-75	3600	-75	55970.3	-4.0	5.8	15.5	4.4	-0.8	10.4
-50	3600	-50	55900.1	-3.2	6.3	15.8	3.8	-1.0	10.4
-25	3600	-25	56069.0	-2.5	6.5	15.8	2.9	-1.0	10.3
0	3600	0	56084.0	-4.8	6.1	16.2	1.6	-1.4	10.7
line	3700								
-1200	3700	-1200	55767.4	2.5	4.3	20.8	10.0	4.8	9.6
-1175	3700	-1175	55842.8	1.5	4.6	20.6	11.0	4.6	9.6
-1150	3700	-1150	55809.0	3.9	6.4	20.0	12.5	5.0	9.4
-1125	3700	-1125	55816.6	3.3	6.3	20.1	11.5	4.9	9.4
-1100	3700	-1100	55850.1	2.9	4.6	19.9	10.8	4.2	9.3
-1075	3700	-1075	55856.8	3.2	5.0	20.0	10.2	4.6	9.2
-1050	3700	-1050	55822.8	3.3	4.7	19.9	10.2	4.1	9.2
-1025	3700	-1025	55827.5	4.0	4.7	19.6	10.1	3.9	9.1
-1000	3700	-1000	55821.6	5.2	4.3	19.5	8.7	3.6	9.0
-975	3700	-975	55850.3	5.1	4.1	19.7	8.9	4.1	9.0
-950	3700	-950	55851.2	5.8	4.5	19.9	10.5	4.7	9.2
-925	3700	-925	55874.1	7.1	4.6	20.0	12.2	4.9	9.1
-900	3700	-900	55868.8	8.9	4.2	21.8	13.1	5.7	9.3
-875	3700	-875	55866.6	11.6	5.9	22.2	16.2	6.1	9.5
-850	3700	-850	55930.2	11.6	4.7	22.6	13.2	3.0	9.4
-825	3700	-825	55834.5	11.0	5.5	23.3	14.5	2.0	9.5
-800	3700	-800	55856.6	10.1	4.9	23.7	12.9	0.2	9.7
-775	3700	-775	55876.9	8.5	4.7	24.3	12.4	-0.2	9.7
-750	3700	-750	55942.9	8.5	4.9	24.6	12.5	-0.6	9.8
-725	3700	-725	55779.7	9.1	4.5	25.0	12.9	-0.7	10.0
-700	3700	-700	55824.3	5.5	4.5	24.8	11.7	-1.3	10.0
-675	3700	-675	55977.4	5.2	2.8	25.3	11.2	-1.9	9.9
-650	3700	-650	55806.4	4.4	2.3	25.0	10.7	-3.4	10.0
-625	3700	-625	55798.9	4.5	3.1	25.1	9.3	-1.9	9.9
-600	3700	-600	55826.1	3.4	2.7	24.9	9.6	-2.4	9.9
-575	3700	-575	55810.3	2.8	2.0	24.4	7.4	-3.6	9.9
-550	3700	-550	55802.7	1.6	1.7	24.5	5.9	-3.8	9.9
-525	3700	-525	55839.6	1.1	0.6	24.2	5.3	-5.0	9.9
-500	3700	-500	55798.4	1.5	1.0	24.2	5.0	-5.2	10.0
-475	3700	-475	55854.9	2.9	2.1	23.9	5.2	-3.8	10.0
-450	3700	-450	55787.8	4.3	3.0	24.0	5.6	-3.7	9.9
-425	3700	-425	55885.8	3.5	2.0	24.8	3.9	-4.4	10.5
-400	3700	-400	55914.9	2.8	1.8	24.8	9.5	-1.2	10.7
-375	3700	-375	55841.3	1.8	1.2	24.1	13.8	1.7	10.3
-350	3700	-350	55830.6	3.4	2.9	24.2	12.4	0.3	10.0
-325	3700	-325	55830.1	4.5	3.4	24.1	10.9	-0.1	10.1
-300	3700	-300	55806.8	4.6	3.4	22.8	12.1	0.5	10.1
-275	3700	-275	55879.2	5.1	4.3	23.0	12.2	0.3	9.9
-250	3700	-250	56078.1	5.1	5.0	23.0	13.2	0.5	9.8
-225	3700	-225	56146.7	4.8	4.6	23.2	11.3	1.4	9.7
-200	3700	-200	56204.1	4.1	4.7	23.5	10.8	0.5	9.8

-175	3700	-175	57341.7	3.9	4.3	24.0	10.8	0.9	9.8
-150	3700	-150	56159.2	-0.3	3.1	23.6	5.3	-1.1	9.9
-125	3700	-125	55900.3	-1.7	3.6	23.6	4.6	-0.7	9.8
-100	3700	-100	57208.8	-1.8	4.0	24.2	4.4	-0.4	9.7
-75	3700	-75	56015.7	-2.0	4.7	24.3	2.9	0.4	9.7
-50	3700	-50	56192.7	-1.8	4.8	24.5	3.1	0.4	9.7
-25	3700	-25	55893.7	-2.4	4.7	24.6	2.5	0.8	9.7
0	3700	0	55987.0	-2.6	4.8	24.4	2.4	0.3	9.7
line	3800								
-1200	3800	-1200	55916.2	6.1	1.8	19.8	12.0	4.9	9.2
-1175	3800	-1175	55813.0	6.5	1.1	20.1	11.1	4.6	9.1
-1150	3800	-1150	55849.8	6.4	0.1	20.0	11.2	3.8	9.1
-1125	3800	-1125	55849.4	4.7	-1.1	20.1	11.1	2.7	9.4
-1100	3800	-1100	55838.8	2.5	-2.9	20.4	9.1	0.7	9.6
-1075	3800	-1075	55835.5	5.9	1.2	19.3	12.0	2.9	9.4
-1050	3800	-1050	55839.4	7.5	-0.4	19.8	13.9	3.3	9.4
-1025	3800	-1025	55813.0	8.3	2.1	19.4	13.2	3.8	9.2
-1000	3800	-1000	55849.9	10.2	-0.2	20.0	13.7	4.0	9.3
-975	3800	-975	55845.3	11.0	1.3	20.1	14.3	3.3	9.4
-950	3800	-950	55958.0	10.4	-0.8	20.3	13.1	3.3	9.5
-925	3800	-925	55709.0	7.3	-1.5	20.1	12.4	2.7	9.3
-900	3800	-900	55817.4	8.0	-1.7	19.7	11.3	1.7	9.5
-875	3800	-875	55758.4	9.2	-2.1	19.9	11.8	1.4	9.4
-850	3800	-850	55784.7	12.7	3.7	19.4	14.3	2.5	9.4
-825	3800	-825	55810.1	13.5	1.3	20.2	15.3	1.3	9.4
-800	3800	-800	55842.4	13.8	1.7	20.2	15.6	1.0	9.4
-775	3800	-775	55799.6	13.2	-0.1	20.5	16.0	1.7	9.5
-750	3800	-750	55777.8	13.4	1.5	20.6	17.1	0.1	9.5
-725	3800	-725	55789.9	13.7	1.7	20.8	17.3	0.5	9.6
-700	3800	-700	55866.6	13.6	1.7	20.9	17.2	1.3	9.5
-675	3800	-675	55818.0	13.3	2.5	21.2	17.0	1.1	9.6
-650	3800	-650	55813.8	13.0	1.9	21.5	16.4	1.4	9.6
-625	3800	-625	55802.3	12.1	1.6	22.0	14.4	0.1	9.6
-600	3800	-600	55834.8	10.7	0.3	22.0	13.4	-0.3	9.5
-575	3800	-575	55832.3	10.3	0.2	21.9	12.3	1.0	9.5
-550	3800	-550	55827.4	10.6	0.7	22.3	13.4	0.8	13.0
-525	3800	-525	55820.3	9.1	1.1	22.3	12.3	0.9	13.2
-500	3800	-500	55839.6	8.1	0.1	22.3	10.7	0.1	13.1
-475	3800	-475	55854.1	8.0	1.4	22.4	11.4	1.3	13.1
-450	3800	-450	55844.4	8.2	1.3	22.4	12.4	1.4	13.1
-425	3800	-425	55855.1	7.1	1.9	22.5	13.1	1.8	12.9
-400	3800	-400	55849.6	6.8	2.6	22.6	14.8	2.9	12.7
-375	3800	-375	55911.2	8.3	2.2	22.5	15.8	3.7	12.9
-350	3800	-350	55864.1	8.0	2.8	22.6	15.8	3.3	12.8
-325	3800	-325	56033.0	9.3	2.3	22.6	15.0	3.1	13.0
-300	3800	-300	55970.2	8.8	2.4	23.1	13.8	2.2	12.5
-275	3800	-275	55745.0	8.4	2.2	23.4	13.3	1.7	13.2
-250	3800	-250	55985.8	7.5	1.6	23.1	11.8	1.8	12.8
-225	3800	-225	56370.0	5.2	1.5	23.4	9.5	0.9	12.9
-200	3800	-200	56855.9	4.7	1.6	23.0	8.5	0.3	12.5
-175	3800	-175	56513.1	4.2	1.5	22.6	7.5	0.9	12.5
-150	3800	-150	55600.9	3.4	1.9	22.4	6.8	0.9	12.5
-125	3800	-125	56277.4	3.4	2.0	21.3	6.8	1.0	12.1
-100	3800	-100	55867.3	3.2	1.9	21.2	5.9	1.3	12.4

-75	3800	-75	56108.3	3.3	1.8	21.6	5.6	1.3	12.9
-50	3800	-50	55852.3	2.9	2.3	21.7	5.5	1.5	12.6
-25	3800	-25	55947.5	2.4	3.0	22.0	4.5	1.9	12.4
0	3800	0	55813.7	2.3	3.6	22.3	4.5	2.1	12.6
line	3900								
-1200	3900	-1200	55943.5	9.7	3.0	15.6	13.7	0.2	9.9
-1175	3900	-1175	55829.7	-0.2	-2.7	15.8	13.6	-0.7	9.8
-1150	3900	-1150	55815.4	3.9	1.0	15.4	13.5	0.1	9.8
-1125	3900	-1125	55899.9	5.5	0.8	15.5	13.7	1.5	9.8
-1100	3900	-1100	55869.8	6.6	2.0	15.6	15.2	1.7	9.8
-1075	3900	-1075	55819.2	6.7	1.8	15.8	13.9	1.7	9.6
-1050	3900	-1050	55810.2	6.4	1.3	15.9	13.1	1.3	9.8
-1025	3900	-1025	55836.2	6.9	0.6	15.7	12.2	0.6	9.7
-1000	3900	-1000	55810.1	6.9	1.2	15.8	11.6	0.8	9.6
-975	3900	-975	55862.4	7.0	0.3	15.7	12.5	1.0	9.6
-950	3900	-950	55780.3	7.1	1.0	15.8	14.7	2.3	9.6
-925	3900	-925	55824.3	8.6	3.0	15.8	15.2	1.7	9.5
-900	3900	-900	55781.3	9.8	3.4	15.9	15.6	1.8	9.6
-875	3900	-875	55830.0	11.9	4.2	15.8	16.3	2.0	9.6
-850	3900	-850	55781.6	12.1	7.0	16.0	18.4	1.7	9.5
-825	3900	-825	55773.7	12.6	7.4	15.9	18.8	1.5	9.5
-800	3900	-800	55849.3	13.1	8.4	16.0	18.1	1.6	9.4
-775	3900	-775	55806.7	12.1	7.9	16.0	18.9	1.6	9.3
-750	3900	-750	55842.6	12.8	7.4	16.3	18.4	1.6	9.3
-725	3900	-725	56054.9	10.4	8.0	16.1	16.9	1.1	9.2
-700	3900	-700	55786.9	11.7	6.0	16.6	17.1	0.0	9.3
-675	3900	-675	55816.7	10.0	6.8	16.3	15.3	0.2	9.3
-650	3900	-650	55835.9	11.9	5.7	16.8	15.1	-0.2	9.5
-625	3900	-625	55851.6	11.0	7.1	16.7	15.4	0.6	9.4
-600	3900	-600	55824.1	10.9	7.0	16.6	15.7	1.7	9.4
-575	3900	-575	55811.6	10.3	6.7	18.8	11.9	3.9	5.7
-550	3900	-550	55832.7	11.6	6.2	19.4	11.4	4.0	5.5
-525	3900	-525	55831.5	9.4	7.2	18.8	11.3	4.2	4.4
-500	3900	-500	55860.6	8.7	6.1	19.3	10.0	4.8	2.2
-475	3900	-475	55860.5	7.9	5.5	19.2	12.2	7.1	1.9
-450	3900	-450	55894.1	7.1	6.4	18.8	9.1	2.4	2.8
-425	3900	-425	55857.8	6.7	5.3	19.0	9.0	3.3	4.3
-400	3900	-400	55594.5	5.1	5.2	18.4	5.9	1.4	4.0
-375	3900	-375	55652.8	6.6	5.1	19.1	8.7	3.4	2.8
-350	3900	-350	55967.7	5.7	5.1	18.8	7.0	2.5	3.1
-325	3900	-325	56864.2	3.5	4.6	18.1	6.5	1.5	2.9
-300	3900	-300	56710.3	3.0	3.6	18.0	-0.2	-0.5	3.4
-275	3900	-275	56535.8	4.7	3.7	18.1	4.1	0.4	2.7
-250	3900	-250	56609.7	6.1	3.7	18.6	8.3	2.6	2.6
-225	3900	-225	57030.9	6.8	3.7	18.8	5.4	-2.1	2.3
-200	3900	-200	56292.3	6.5	3.2	19.5	12.1	-0.1	10.8
-175	3900	-175	55831.4	5.0	2.9	19.4	11.3	0.1	11.7
-150	3900	-150	55957.2	4.6	3.2	19.6	12.1	0.6	11.7
-125	3900	-125	56323.5	3.9	2.5	19.5	12.9	0.4	11.6
-100	3900	-100	56477.6	3.6	2.3	19.1	11.1	-1.6	11.7
-75	3900	-75	56318.1	3.4	2.1	19.3	10.0	-0.7	11.6
-50	3900	-50	56046.6	3.7	1.8	19.3	9.1	-1.5	11.7
-25	3900	-25	55738.7	3.4	2.0	19.0	10.8	-0.5	11.8
0	3900	0	55923.8	4.6	3.1	19.8	12.2	0.2	11.8

line	4000								
-1200	4000	-1200	55716.4	9.8	-1.6	13.8	16.1	2.1	9.7
-1175	4000	-1175	55779.1	9.3	0.2	13.2	16.4	2.2	9.6
-1150	4000	-1150	55750.7	8.5	-1.8	13.6	16.0	1.1	9.6
-1125	4000	-1125	55916.9	9.7	-1.5	13.2	16.6	2.8	9.6
-1100	4000	-1100	55785.8	9.9	0.8	13.4	16.3	3.0	9.7
-1075	4000	-1075	55837.5	10.3	-0.7	13.1	15.4	3.2	9.5
-1050	4000	-1050	55846.5	10.0	-0.5	13.0	15.2	2.8	9.5
-1025	4000	-1025	55868.7	9.0	-0.6	13.0	13.7	2.0	9.4
-1000	4000	-1000	55835.2	8.4	-1.2	12.9	14.1	2.1	9.3
-975	4000	-975	55821.5	8.0	-1.6	12.8	15.6	2.9	9.4
-950	4000	-950	55861.0	8.1	-1.9	12.8	16.2	2.8	9.2
-925	4000	-925	55856.9	8.2	1.6	12.4	16.4	3.6	9.3
-900	4000	-900	55828.1	9.4	-0.9	12.3	15.5	2.6	9.1
-875	4000	-875	55900.0	10.8	1.0	12.2	15.5	2.9	9.0
-850	4000	-850	55905.4	9.9	6.5	11.9	15.8	3.4	8.9
-825	4000	-825	55768.9	10.5	3.5	12.2	15.9	3.7	8.8
-800	4000	-800	55809.8	11.5	5.2	12.0	14.3	3.7	8.8
-775	4000	-775	55809.5	9.3	8.6	11.7	16.5	4.6	8.7
-750	4000	-750	55823.9	11.4	5.5	11.8	14.7	5.2	8.6
-725	4000	-725	55821.7	12.2	7.9	11.8	15.6	4.4	8.6
-700	4000	-700	55845.1	12.3	5.7	11.8	15.3	5.1	8.7
-675	4000	-675	55867.3	12.4	4.5	11.6	15.8	5.8	8.6
-650	4000	-650	55840.1	11.9	4.1	11.8	15.8	4.9	8.6
-625	4000	-625	55869.9	12.9	4.8	11.8	16.7	6.3	8.5
-600	4000	-600	55895.9	14.9	4.5	11.6	18.5	6.5	8.6
-575	4000	-575	55971.7	14.8	8.9	11.2	20.4	7.5	8.5
-550	4000	-550	56008.7	17.3	6.0	11.6	21.8	7.9	8.5
-525	4000	-525	55993.4	16.6	6.9	11.7	21.8	7.1	8.4
-500	4000	-500	55995.6	17.7	7.2	11.8	19.8	6.9	8.3
-475	4000	-475	55673.2	16.6	5.3	12.1	19.6	6.0	8.4
-450	4000	-450	55666.6	14.4	6.2	12.0	19.2	5.8	8.5
-425	4000	-425	55635.0	8.9	3.5	11.7	12.8	0.9	8.4
-400	4000	-400	55696.7	8.5	2.2	12.2	12.2	-0.7	8.3
-375	4000	-375	55878.3	3.4	0.3	12.0	8.7	-2.2	8.3
-350	4000	-350	55614.2	4.5	0.9	11.6	8.6	-1.3	8.4
-325	4000	-325	56080.8	3.1	-0.1	11.7	7.5	-2.4	8.3
-300	4000	-300	55832.5	2.9	-0.2	11.7	7.5	-1.3	8.5
-275	4000	-275	56228.6	4.2	1.9	11.5	8.0	-0.7	8.4
-250	4000	-250	55722.7	5.2	2.1	11.8	8.7	0.4	8.5
-225	4000	-225	55996.6	6.2	2.2	11.7	9.6	-0.2	8.4
-200	4000	-200	55063.0	6.3	1.8	11.9	10.8	0.3	8.6
-175	4000	-175	56181.5	6.2	0.6	12.3	12.3	-0.1	8.6
-150	4000	-150	56429.1	5.1	0.0	12.2	10.8	-1.7	8.5
-125	4000	-125	56227.0	5.0	-0.7	12.3	10.0	-0.7	8.4
-100	4000	-100	55682.1	2.9	-1.8	12.1	8.4	-3.7	8.4
-75	4000	-75	55813.5	2.0	-1.9	12.1	8.9	-3.9	8.6
-50	4000	-50	55709.8	2.9	-2.0	12.2	10.5	-1.9	8.5
-25	4000	-25	55856.8	5.1	-0.1	12.5	11.8	-0.6	8.6
0	4000	0	55552.8	6.1	0.0	12.7	11.6	-0.1	8.6
line	4100								
-1200	4100	-1200	55864.5	12.1	4.6	17.4	20.1	3.6	10.9
-1175	4100	-1175	55991.5	11.4	4.1	18.4	19.9	3.3	10.7
-1150	4100	-1150	55792.0	12.6	0.9	19.2	20.1	3.5	8.6

-1125	4100	-1125	55840.7	11.5	3.3	18.3	20.9	2.9	8.5
-1100	4100	-1100	55806.0	11.6	1.4	19.6	20.4	2.9	8.6
-1075	4100	-1075	55814.6	10.5	1.7	19.1	19.9	3.5	8.6
-1050	4100	-1050	55822.8	10.6	1.8	18.9	19.6	4.0	8.5
-1025	4100	-1025	55795.6	10.4	2.6	19.1	19.6	3.2	8.4
-1000	4100	-1000	55862.5	9.6	4.9	18.5	18.1	3.9	8.4
-975	4100	-975	55897.1	9.1	3.6	19.2	18.6	4.1	8.4
-950	4100	-950	55908.1	9.0	3.7	18.7	18.4	3.1	8.2
-925	4100	-925	55863.7	7.4	6.4	18.1	17.6	4.7	8.1
-900	4100	-900	55831.8	10.3	5.0	18.9	18.0	5.0	8.0
-875	4100	-875	55702.0	7.0	9.0	18.3	16.2	6.0	7.9
-850	4100	-850	55795.2	6.5	11.0	18.2	15.8	5.4	7.8
-825	4100	-825	55765.9	5.6	10.9	18.3	13.5	4.3	7.6
-800	4100	-800	55793.2	4.7	12.3	17.8	11.9	5.9	7.7
-775	4100	-775	55790.4	5.7	12.1	18.0	13.4	7.2	7.7
-750	4100	-750	55785.5	6.7	13.1	17.3	14.1	7.6	7.6
-725	4100	-725	55796.8	6.1	15.1	17.0	14.3	7.5	7.4
-700	4100	-700	55883.2	8.6	15.6	17.0	17.1	9.3	7.4
-675	4100	-675	56305.1	10.4	13.3	17.7	16.4	8.0	7.4
-650	4100	-650	56189.2	10.0	11.5	18.1	13.9	5.2	7.5
-625	4100	-625	56134.0	8.8	10.4	18.1	12.4	5.4	7.5
-600	4100	-600	56056.5	8.8	9.9	19.1	11.6	4.0	7.7
-575	4100	-575	55720.8	9.3	7.7	19.7	10.9	3.0	7.6
-550	4100	-550	55660.9	8.7	6.6	20.1	9.2	2.1	7.6
-525	4100	-525	55759.9	7.8	7.5	19.4	8.0	0.6	7.7
-500	4100	-500	56026.5	6.4	6.5	19.9	7.5	-0.5	7.8
-475	4100	-475	56193.1	4.8	5.1	19.9	6.4	-0.8	7.9
-450	4100	-450	56127.6	3.8	4.7	19.8	6.5	-1.2	7.8
-425	4100	-425	56522.3	2.9	4.3	19.3	6.0	-0.9	7.8
-400	4100	-400	56644.8	2.5	3.4	19.6	6.0	-1.3	7.7
-375	4100	-375	56830.0	1.5	2.7	19.3	6.4	-1.6	7.7
-350	4100	-350	56481.6	1.8	2.1	19.8	4.8	-3.0	7.7
-325	4100	-325	55640.2	-0.6	2.3	19.5	4.4	-3.2	7.9
-300	4100	-300	56591.6	-3.2	1.0	19.1	4.7	-3.5	7.8
-275	4100	-275	56388.3	-2.6	1.6	19.1	3.6	-3.1	7.8
-250	4100	-250	55859.6	0.1	3.8	19.3	7.6	-0.4	8.4
-225	4100	-225	56609.7	0.9	4.3	19.0	13.9	2.7	7.7
-200	4100	-200	56557.3	2.2	3.8	18.4	12.6	1.4	7.6
-175	4100	-175	56355.3	0.9	2.8	18.6	10.3	0.1	7.5
-150	4100	-150	56428.5	1.4	2.2	19.0	10.5	0.0	7.4
-125	4100	-125	55828.2	1.3	1.5	19.1	8.4	-1.2	7.4
-100	4100	-100	56019.7	1.2	1.8	19.5	9.2	-0.9	7.4
-75	4100	-75	56059.6	1.5	2.1	19.5	8.2	-0.2	7.4
-50	4100	-50	55691.0	1.6	1.9	19.4	7.9	-0.5	7.5
-25	4100	-25	55997.6	2.5	2.1	19.5	8.8	-0.4	7.4
0	4100	0	55986.1	2.5	2.5	19.2	8.7	0.4	7.5
line	4200								
-1200	4200	-1200	55810.6	9.6	-2.0	16.7	15.7	2.0	9.0
-1175	4200	-1175	55910.9	9.5	0.0	16.0	17.0	2.7	8.5
-1150	4200	-1150	55696.2	12.1	0.7	16.7	18.2	4.4	9.0
-1125	4200	-1125	55763.2	12.4	0.0	17.1	18.0	3.1	8.8
-1100	4200	-1100	55831.1	10.7	-1.5	17.1	17.1	2.7	9.1
-1075	4200	-1075	55879.6	10.3	-0.3	16.6	15.6	2.8	8.6
-1050	4200	-1050	55850.4	9.0	-2.7	17.3	14.6	2.2	8.6

-1025	4200	-1025	55929.6	7.1	-3.7	17.1	11.8	0.9	8.9
-1000	4200	-1000	55779.8	6.5	-3.6	17.3	11.4	0.9	8.5
-975	4200	-975	55934.1	8.0	-1.5	16.6	13.5	1.8	8.7
-950	4200	-950	55871.5	7.8	-1.4	16.6	12.5	1.6	8.4
-925	4200	-925	55848.2	6.2	-3.7	16.8	11.0	2.1	8.4
-900	4200	-900	55856.2	5.2	-1.1	17.3	8.6	0.9	8.8
-875	4200	-875	55975.2	5.2	-1.3	17.3	8.8	2.4	9.7
-850	4200	-850	55741.8	5.0	1.1	14.7	8.2	3.8	8.8
-825	4200	-825	55787.4	3.6	2.9	17.5	6.2	4.5	8.7
-800	4200	-800	55745.0	2.7	4.5	17.3	5.6	5.6	9.4
-775	4200	-775	55702.6	-3.5	5.3	17.3	-0.4	5.6	8.3
-750	4200	-750	55605.8	-6.2	3.8	17.7	-2.9	4.3	9.7
-725	4200	-725	55786.9	-6.7	4.0	15.7	-4.8	3.2	9.0
-700	4200	-700	56045.3	-2.1	7.7	16.2	-1.8	5.0	8.5
-675	4200	-675	55692.1	-0.9	7.1	16.1	-1.1	4.3	9.4
-650	4200	-650	55978.0	1.8	8.3	16.5	0.5	5.2	8.7
-625	4200	-625	55595.8	4.3	7.2	16.4	1.8	4.0	8.5
-600	4200	-600	55576.4	3.9	6.9	16.6	2.1	4.1	9.1
-575	4200	-575	55797.4	4.2	6.1	16.5	2.2	1.3	8.0
-550	4200	-550	56262.5	5.9	6.0	17.1	4.2	1.1	8.0
-525	4200	-525	56494.9	5.5	5.2	17.1	3.3	1.1	8.0
-500	4200	-500	56604.0	7.1	4.9	17.3	4.2	2.1	8.6
-475	4200	-475	56752.2	7.1	5.1	17.5	4.1	2.3	8.8
-450	4200	-450	56066.0	6.0	3.8	17.8	3.5	2.8	8.9
-425	4200	-425	56102.0	5.5	3.0	18.0	4.0	2.9	8.8
-400	4200	-400	56126.3	5.4	3.6	18.2	4.7	2.9	9.0
-375	4200	-375	55959.4	4.0	3.6	17.9	3.8	1.8	8.7
-350	4200	-350	55818.5	2.9	2.8	18.2	4.5	1.2	8.9
-325	4200	-325	55834.0	2.2	3.0	18.5	5.3	0.7	9.0
-300	4200	-300	56462.1	-1.0	0.5	18.1	3.6	-0.8	8.8
-275	4200	-275	56555.3	0.1	1.3	18.0	5.6	-0.3	8.9
-250	4200	-250	56315.7	-2.0	-0.2	17.4	-0.4	0.0	4.9
-225	4200	-225	56370.8	-0.4	1.4	17.8	-0.1	1.5	4.6
-200	4200	-200	56411.6	-0.5	1.3	17.8	-1.0	0.5	3.9
-175	4200	-175	56237.6	-0.5	0.9	17.9	0.6	0.2	4.0
-150	4200	-150	56518.4	0.5	1.1	17.6	1.5	1.6	4.8
-125	4200	-125	55973.7	0.0	1.4	17.6	1.3	0.9	4.0
-100	4200	-100	55958.6	0.5	1.5	17.9	1.7	1.8	4.1
-75	4200	-75	56322.8	0.0	1.0	17.7	1.4	1.0	4.4
-50	4200	-50	56472.6	1.2	0.8	17.6	3.4	1.5	4.3
-25	4200	-25	55892.0	0.9	0.7	17.9	0.5	1.1	3.9
0	4200	0	56205.9	1.0	1.0	17.7	1.0	1.3	6.4
line	4400								
-725	4400	-725	55740.4	-20.4	14.4	13.4	-5.2	0.6	9.7
-700	4400	-700	55750.9	-13.1	16.6	13.2	-4.2	2.9	9.3
-675	4400	-675	55753.7	-8.3	15.7	13.3	-2.1	5.0	9.0
-650	4400	-650	55748.8	-4.1	14.9	13.2	-1.0	5.0	8.9
-625	4400	-625	55785.9	-3.0	14.3	12.9	0.5	5.9	9.1
-600	4400	-600	55721.2	1.3	14.3	13.4	3.4	6.3	8.8
-575	4400	-575	55650.4	0.6	12.2	13.7	4.0	5.8	8.8
-550	4400	-550	55440.8	1.9	12.3	13.6	3.9	6.5	8.6
-525	4400	-525	55699.3	1.6	12.5	13.5	3.2	6.9	8.6
-500	4400	-500	56214.0	2.5	11.6	14.4	5.7	7.4	8.9
-475	4400	-475	55962.3	4.1	11.0	17.8	7.0	6.6	9.5

-450	4400	-450	56087.4	3.0	11.2	19.4	6.9	6.5	9.6
-425	4400	-425	55908.9	4.8	11.3	20.0	8.9	7.9	9.8
-400	4400	-400	55736.6	5.2	11.9	20.5	9.8	7.7	9.8
-375	4400	-375	55678.7	4.4	11.7	21.0	10.4	8.9	9.8
-350	4400	-350	55885.3	2.9	10.9	20.7	10.0	7.9	9.7
-325	4400	-325	55507.2	2.6	10.7	21.5	8.4	8.6	9.7
-300	4400	-300	55704.3	2.3	10.2	21.2	7.2	7.3	9.6
-275	4400	-275	55779.5	0.3	8.8	20.5	5.5	7.1	9.5
-250	4400	-250	55687.7	-0.1	7.6	20.4	4.7	5.4	9.5
-225	4400	-225	54973.9	0.8	7.0	20.8	4.0	5.6	9.7
-200	4400	-200	55514.5	1.5	7.3	19.9	5.1	6.0	9.5
-175	4400	-175	56081.4	0.8	6.9	19.4	5.7	6.1	9.4
-150	4400	-150	56217.8	1.9	5.9	20.1	5.3	5.4	9.4
-125	4400	-125	55789.8	1.5	6.1	19.4	4.8	5.8	9.3
-100	4400	-100	55925.5	0.7	5.5	19.0	4.7	6.2	9.2
-75	4400	-75	55970.1	0.7	5.1	19.9	3.6	5.2	9.2
-50	4400	-50	55971.8	-0.2	5.1	19.1	2.7	5.5	9.1
-25	4400	-25	55809.0	-1.5	4.3	19.3	1.6	5.0	9.0
0	4400	0	56012.7	-1.9	4.3	18.9	0.7	4.8	8.9
line	4600								
-750	4600	-750	55768.8	-5.5	6.4	15.4	7.7	-4.6	10.0
-725	4600	-725	55790.2	-3.3	5.6	15.2	5.7	-2.6	9.7
-700	4600	-700	55804.6	-3.4	5.3	14.8	3.4	-2.3	9.5
-675	4600	-675	55831.9	-1.5	6.8	15.0	2.1	-1.5	9.5
-650	4600	-650	55765.1	-8.5	3.3	14.3	-5.7	-3.1	9.1
-625	4600	-625	55825.6	-7.8	3.4	14.0	-6.2	-3.3	9.1
-600	4600	-600	56080.0	-8.2	3.5	13.1	-3.2	-0.1	9.0
-575	4600	-575	56326.6	-5.9	4.9	13.3	-2.5	0.3	8.8
-550	4600	-550	56121.9	-4.9	6.1	13.2	-3.0	0.9	8.6
-525	4600	-525	55954.3	-3.7	5.9	13.4	-2.5	1.9	8.6
-500	4600	-500	55777.1	-5.3	5.7	13.0	-2.8	2.0	8.6
-475	4600	-475	55654.8	-4.8	5.0	13.3	-4.0	1.8	8.5
-450	4600	-450	55688.1	-5.8	4.4	13.3	-3.7	2.3	8.5
-425	4600	-425	55810.9	-5.9	4.3	13.1	-4.5	2.1	8.4
-400	4600	-400	55781.3	-4.8	5.3	13.1	-4.1	2.7	8.6
-375	4600	-375	55769.2	-5.1	4.7	13.1	-3.6	2.5	8.4
-350	4600	-350	55771.0	-4.6	5.0	12.6	-3.5	3.2	8.3
-325	4600	-325	55986.8	-3.2	5.0	11.4	-2.9	3.8	8.0
-300	4600	-300	56375.0	-3.0	4.3	11.2	-2.9	3.6	8.1
-275	4600	-275	55714.4	-4.1	2.9	11.3	-3.9	3.9	8.1
-250	4600	-250	56205.5	-3.1	3.0	11.4	-3.2	3.5	8.0
-225	4600	-225	56142.6	-3.1	2.7	11.5	-4.0	4.9	8.2
-200	4600	-200	56165.7	-2.3	1.9	11.3	-4.5	5.1	8.1
-175	4600	-175	55913.7	-2.1	2.4	11.3	-4.8	5.9	8.1
-150	4600	-150	55849.5	-1.1	3.2	11.3	-3.1	5.6	8.1
-125	4600	-125	56049.0	-1.2	3.7	11.4	-5.3	5.7	8.1
-100	4600	-100	55816.5	0.0	3.1	11.2	-4.7	5.0	8.2
-75	4600	-75	55818.3	0.5	3.4	11.2	-4.5	6.0	8.2
-50	4600	-50	55907.9	0.3	4.1	11.3	-4.4	6.1	8.0
-25	4600	-25	55996.1	0.6	4.3	11.5	-4.1	5.6	8.1
0	4600	0	55913.3	0.7	4.2	11.2	-3.8	5.5	8.3

INTERPRETEX RESOURCES LTD. Data listing (Line & Station + = Northings and Eastings, Current File Name: STDAT.WR1
Area: STAMP CLAIM GROUP - = Southings and Westings) From File: ST.XYZ
Grid: Lower Stamp Grid
Date: September, 1989

DATA TYPE(S):

		INSTRUMENT TYPE:	DATA DETAILS:
# 1.	Total Field Magnetic Values	EDA VLF-EM/Magnetic System	Corrected total magnetic field
# 2.	VLF-EM In-Phase Values	EDA VLF-EM/Magnetic System	Facing easterly using Hawaii Transmitter
# 3.	VLF-EM Quadrature (Out-of-Phase)	" " " "	Facing easterly using Hawaii Transmitter
# 4.	VLF-EM Field Strength	" " " "	Seattle total field strength
# 5.	VLF-EM In-Phase Values	EDA VLF-EM/Magnetic System	Facing northerly using Annapolis Transmi
# 6.	VLF-EM Quadrature (Out-of-Phase)	" " " "	Facing northerly using Annapolis Transmi
# 7.	VLF-EM Field Strength	" " " "	Annapolis total field strength

N/S STATION	E/W LINE #		# 1.	# 2.	# 3.	# 4	# 5.	# 6.	# 7.
line	-700								
-700	-750	-750	55810.5	10.4	11.1	14.2	7.1	-5.9	8.8
-700	-725	-725	55828.4	8.7	12.2	14.0	5.1	-5.7	9.0
-700	-700	-700	55710.4	7.7	11.3	14.4	2.8	-6.2	9.3
-700	-675	-675	55874.3	0.3	9.4	13.8	-6.9	-12.1	9.0
-700	-650	-650	56027.2	1.2	11.3	13.2	-4.3	-11.0	8.9
-700	-625	-625	55843.6	1.9	11.2	12.9	-3.9	-10.2	8.9
-700	-600	-600	55874.9	3.5	14.2	12.8	-1.0	-7.0	8.5
-700	-575	-575	55863.7	5.8	14.1	12.7	-0.6	-5.9	8.4
-700	-550	-550	55872.1	6.0	14.1	12.7	0.7	-5.7	8.6
-700	-525	-525	55881.3	6.4	12.7	12.7	0.0	-6.2	8.5
-700	-500	-500	55911.3	5.7	11.6	12.8	-1.2	-6.8	8.8
-700	-475	-475	55924.5	4.9	9.9	12.5	-1.4	-7.0	8.5
-700	-450	-450	55931.4	5.8	10.0	12.4	0.9	-4.8	8.2
-700	-425	-425	55897.8	7.1	11.2	12.2	1.6	-4.5	8.2
-700	-400	-400	55929.3	7.1	10.6	12.2	0.7	-6.0	8.1
-700	-375	-375	55912.6	7.8	10.2	12.1	2.1	-4.7	8.1
-700	-350	-350	55906.7	10.2	9.8	11.9	5.2	-2.2	8.1
-700	-325	-325	55887.9	10.5	10.2	12.0	5.4	-1.1	7.9
-700	-300	-300	55948.0	10.5	13.3	11.9	6.7	0.6	8.0
-700	-275	-275	55943.3	11.1	11.5	11.7	7.5	0.1	8.1
-700	-250	-250	55933.2	11.9	11.1	12.0	7.8	0.4	8.2
-700	-225	-225	55931.8	11.7	10.6	12.0	7.9	0.3	8.0
-700	-200	-200	55959.7	11.3	10.5	11.8	9.5	1.2	8.1
-700	-175	-175	55967.5	13.2	9.4	11.8	9.2	2.3	8.1
-700	-150	-150	55894.0	11.8	9.9	11.7	9.2	0.8	8.0
-700	-125	-125	55853.4	11.6	7.8	11.8	9.3	-0.4	8.2
-700	-100	-100	55978.8	13.2	8.5	11.6	11.8	1.5	7.9
-700	-75	-75	55855.0	13.5	10.5	11.6	13.6	1.8	8.1
-700	-50	-50	55867.9	15.2	7.4	11.6	14.2	1.5	8.1
-700	-25	-25	56110.2	16.1	8.2	11.5	14.5	2.1	8.1
-700	0	0	56009.5	15.6	10.2	11.5	16.1	2.2	8.3
-700	25	25	55956.7	16.5	7.8	11.2	16.7	0.9	8.3
-700	50	50	56201.9	17.1	9.7	11.1	17.7	2.2	8.1
-700	75	75	55919.0	17.6	8.1	11.0	18.0	2.3	8.4
-700	100	100	55750.3	18.7	10.9	11.0	19.0	4.3	8.4
-700	125	125	55947.8	16.9	8.3	11.2	17.9	1.9	8.6
-700	150	150	55939.2	17.4	6.6	11.2	17.4	1.7	8.6

	-700	175	175	55887.0	16.2	6.8	11.1	18.2	1.5	8.7
	-700	200	200	55858.4	16.5	4.7	11.2	17.8	0.9	8.8
	-700	225	225	55830.6	15.9	3.8	11.2	17.3	0.9	8.8
	-700	250	250	55805.5	16.1	3.3	11.2	17.9	0.7	8.9
	-700	275	275	55917.5	14.8	2.7	11.2	17.0	0.6	9.0
	-700	300	300	55780.5	15.2	2.5	11.1	17.2	-0.9	9.2
	-700	325	325	55790.3	13.8	1.8	11.0	15.8	-1.0	9.2
	-700	350	350	55810.8	13.2	4.8	11.0	15.3	-0.9	9.2
	-700	375	375	55836.0	10.2	0.7	11.1	11.4	-2.3	9.3
	-700	400	400	55974.5	9.3	2.9	11.0	10.5	-0.9	9.1
	-700	425	425	56097.7	11.3	4.6	10.8	11.9	0.7	9.0
	-700	450	450	55795.7	10.9	3.8	11.0	11.8	1.5	9.0
	-700	475	475	55793.0	10.6	5.9	11.0	12.2	1.4	9.1
	-700	500	500	55803.1	9.5	3.2	11.0	10.3	1.8	9.0
	-700	525	525	55941.3	9.7	3.4	10.8	10.8	2.7	9.0
	-700	550	550	55926.1	9.6	5.2	10.7	11.3	2.7	9.2
line	-600									
	-600	-850	-850	55892.2	13.9	13.8	12.1	13.2	-0.4	5.2
	-600	-825	-825	55907.3	12.4	14.2	12.0	12.0	0.5	5.3
	-600	-800	-800	55901.5	11.3	12.4	12.2	11.4	2.0	5.4
	-600	-775	-775	55926.3	10.6	12.6	12.2	10.0	-0.5	5.5
	-600	-750	-750	55870.0	9.0	11.8	12.2	8.3	0.7	5.4
	-600	-725	-725	55892.7	-2.1	5.7	12.1	-4.8	-7.9	5.4
	-600	-700	-700	55891.8	2.6	9.2	11.5	0.1	-3.0	5.1
	-600	-675	-675	55904.0	3.0	12.0	11.4	0.1	-1.2	5.0
	-600	-650	-650	55920.1	3.9	11.0	11.3	2.0	-0.3	5.0
	-600	-625	-625	55964.3	4.1	11.9	11.3	2.1	1.1	5.0
	-600	-600	-600	55952.8	4.4	11.3	11.2	3.0	1.8	5.0
	-600	-575	-575	55998.5	3.4	12.1	11.2	1.6	0.9	5.1
	-600	-550	-550	56009.5	3.5	24.5	11.2	1.1	-0.2	4.8
	-600	-525	-525	55953.3	3.7	12.5	10.8	0.9	0.1	4.8
	-600	-500	-500	56036.6	4.7	11.9	10.5	3.7	1.0	4.7
	-600	-475	-475	55969.4	7.6	11.8	10.4	1.8	1.3	4.6
	-600	-450	-450	56192.1	6.5	12.3	10.4	4.0	1.1	4.5
	-600	-425	-425	56120.8	6.6	13.4	10.3	6.4	1.4	4.5
	-600	-400	-400	56070.0	10.6	11.9	10.3	8.4	3.1	4.5
	-600	-375	-375	56077.9	11.4	11.1	10.4	9.4	4.3	4.5
	-600	-350	-350	55894.1	11.1	11.6	10.4	10.8	5.2	4.5
	-600	-325	-325	55860.6	11.9	14.2	10.3	12.4	6.3	4.5
	-600	-300	-300	55828.6	12.2	13.5	10.6	12.3	7.0	4.5
	-600	-275	-275	55787.7	13.5	10.8	10.6	14.8	7.0	4.5
	-600	-250	-250	55844.5	13.7	12.7	10.6	14.2	7.0	4.5
	-600	-225	-225	55792.2	15.5	11.0	10.8	15.5	7.6	4.5
	-600	-200	-200	55840.1	14.4	9.7	10.9	16.1	6.8	4.6
	-600	-175	-175	55857.4	14.9	10.2	10.8	16.5	6.9	4.6
	-600	-150	-150	55956.7	15.4	8.3	10.9	17.2	6.4	4.5
	-600	-125	-125	55899.8	15.3	7.3	10.9	15.8	4.9	4.5
	-600	-100	-100	55945.9	18.2	9.2	10.8	20.0	7.8	4.5
	-600	-75	-75	55809.7	20.2	11.7	11.0	21.7	9.1	4.5
	-600	-50	-50	55817.1	19.7	8.0	11.3	21.1	5.5	4.6
	-600	-25	-25	55795.9	20.0	7.2	11.5	21.4	5.6	4.6
	-600	0	0	55768.8	20.2	4.0	11.7	19.5	5.8	4.7
	-600	25	25	55930.2	19.2	7.9	11.7	21.0	3.7	4.7
	-600	50	50	56048.5	21.7	7.4	12.0	22.8	6.6	4.8

	-600	75	75	55729.1	21.1	7.6	12.2	22.5	7.0	4.7
	-600	100	100	55985.9	21.1	7.9	12.4	23.5	7.1	4.8
	-600	125	125	55921.4	22.9	8.7	13.0	25.2	8.6	4.8
	-600	150	150	55933.0	22.6	8.0	13.2	24.5	8.7	5.1
	-600	175	175	55928.1	21.9	8.5	13.2	24.5	8.7	5.1
	-600	175	175	55928.0	15.1	5.2	11.1	12.1	1.4	9.3
	-600	200	200	56036.3	14.3	5.1	11.1	11.5	1.3	9.9
	-600	225	225	55855.1	13.4	4.2	11.1	10.1	0.1	10.0
	-600	250	250	55919.0	12.6	2.9	11.2	8.6	-0.5	10.1
	-600	275	275	55790.9	10.9	2.1	11.1	6.5	-1.6	10.2
	-600	300	300	55910.3	6.5	0.1	10.8	0.8	-5.5	9.7
	-600	325	325	55894.9	7.9	2.0	10.7	2.5	-2.6	9.5
	-600	350	350	56051.8	9.0	3.7	10.6	4.0	0.3	9.5
	-600	375	375	56108.3	9.7	5.4	10.5	4.3	1.7	9.6
	-600	400	400	56148.1	10.1	4.9	10.5	4.9	2.7	9.6
	-600	425	425	56003.8	9.3	3.3	10.5	4.3	0.0	9.6
	-600	450	450	55958.5	8.9	2.5	10.4	4.3	0.8	9.5
	-600	475	475	55992.7	8.5	2.6	10.4	5.0	1.1	9.6
	-600	500	500	55993.3	9.9	3.4	10.3	5.2	2.1	9.6
line	-500									
	-500	-850	-850	55835.6	8.7	8.9	15.0	1.2	-6.2	9.0
	-500	-825	-825	55870.8	8.2	8.6	15.1	-0.5	-6.1	9.0
	-500	-800	-800	55824.8	7.2	10.1	15.4	-0.8	-4.6	9.3
	-500	-775	-775	55853.2	3.3	7.8	16.2	-4.4	-6.2	9.7
	-500	-750	-750	55892.8	-4.7	4.4	15.3	-12.9	-10.2	9.1
	-500	-725	-725	55940.9	-3.2	6.6	14.8	-10.5	-7.6	8.8
	-500	-700	-700	55915.5	-2.2	8.2	14.8	-10.2	-6.1	8.8
	-500	-675	-675	55946.4	-2.2	9.7	15.0	-10.4	-5.1	9.0
	-500	-650	-650	56016.0	-5.8	9.2	14.6	-14.5	-7.2	8.9
	-500	-625	-625	56148.6	-6.6	10.0	14.4	-16.7	-8.1	8.5
	-500	-600	-600	56085.8	-4.3	10.3	13.9	-16.1	-7.4	8.1
	-500	-575	-575	56002.3	-3.2	9.0	13.9	-14.1	-6.0	8.0
	-500	-550	-550	55990.3	-1.0	10.4	13.8	-12.3	-5.6	7.8
	-500	-525	-525	56090.4	0.6	10.7	13.8	-10.2	-3.9	7.6
	-500	-500	-500	56185.0	2.2	11.7	13.4	-8.2	-4.2	7.6
	-500	-475	-475	56037.6	4.9	11.5	13.5	-6.4	-2.7	7.5
	-500	-450	-450	56027.9	6.8	11.7	13.7	-3.6	-1.8	7.5
	-500	-425	-425	55931.7	7.8	11.0	14.0	-2.9	-2.1	7.5
	-500	-400	-400	55904.4	9.4	9.7	13.8	-0.1	-0.1	7.5
	-500	-375	-375	56008.7	9.7	11.2	14.0	-0.3	-1.8	7.5
	-500	-350	-350	55971.2	10.7	11.6	14.2	1.6	-2.0	7.6
	-500	-325	-325	55822.8	11.4	12.0	14.1	1.4	-1.5	7.6
	-500	-300	-300	55944.8	11.9	10.6	14.2	2.1	-0.7	7.5
	-500	-275	-275	55816.3	14.1	10.6	14.0	4.0	0.8	7.6
	-500	-250	-250	55963.8	15.2	10.1	14.2	5.0	1.0	7.6
	-500	-225	-225	55897.4	13.4	10.5	14.3	4.7	0.0	7.6
	-500	-200	-200	55882.4	13.8	9.6	14.3	5.5	-0.5	7.6
	-500	-175	-175	55877.3	13.3	8.1	14.8	4.3	-0.3	7.8
	-500	-150	-150	55919.5	11.9	6.0	14.6	3.4	-4.9	7.7
	-500	-125	-125	55902.2	15.5	6.6	14.2	7.1	-1.2	7.4
	-500	-100	-100	55888.1	17.5	9.6	14.3	9.4	0.9	7.6
	-500	-75	-75	55834.2	18.8	8.5	14.6	9.8	1.5	7.8
	-500	-50	-50	55702.7	19.4	8.9	14.9	10.7	1.6	7.7
	-500	-25	-25	55703.9	19.5	9.1	15.6	10.8	0.5	7.9

	-500	0	0	55683.1	20.0	8.1	15.7	11.8	0.8	8.0
	-500	25	25	55835.7	18.5	7.2	15.8	10.3	-0.2	8.1
	-500	50	50	56284.0	17.0	7.2	15.6	9.1	-1.8	8.1
	-500	75	75	56031.5	16.5	6.7	15.8	9.6	0.7	8.1
	-500	100	100	56075.6	17.2	6.8	15.8	10.4	-0.5	8.1
	-500	125	125	56364.0	16.7	7.0	16.2	9.9	0.9	8.3
	-500	150	150	56262.5	16.8	7.0	16.2	9.4	0.1	8.3
	-500	175	175	55776.0	16.4	6.3	16.6	9.1	0.9	8.3
	-500	200	200	55836.4	15.4	5.5	16.7	8.7	-0.2	8.5
	-500	225	225	55848.5	13.5	5.0	17.5	5.7	-1.1	8.8
	-500	250	250	55892.8	9.3	2.9	16.7	2.0	-3.5	8.2
	-500	275	275	55814.1	9.2	4.6	16.5	1.7	-2.5	8.2
	-500	300	300	56014.2	8.9	6.0	16.1	1.5	-0.8	8.0
line	-400									
	-400	-950	-950	55760.8	5.5	6.6	11.6	5.9	-4.8	5.1
	-400	-925	-925	55771.8	7.6	8.0	11.7	7.2	-5.0	5.2
	-400	-900	-900	55794.4	8.3	8.2	12.3	9.0	-3.9	5.2
	-400	-875	-875	55803.0	10.4	9.0	12.3	10.6	-1.9	5.4
	-400	-850	-850	55734.2	9.9	10.1	12.8	9.0	-1.2	5.6
	-400	-825	-825	55855.0	11.0	10.7	13.5	9.2	0.2	5.8
	-400	-800	-800	55833.7	8.0	10.2	13.8	5.0	0.4	6.0
	-400	-775	-775	55729.1	4.4	10.6	14.4	1.6	0.0	6.1
	-400	-750	-750	55754.0	-3.2	7.2	15.8	-5.4	-4.1	6.6
	-400	-725	-725	55860.4	-11.4	8.0	14.1	-14.9	-6.8	6.0
	-400	-700	-700	55817.1	-13.7	7.2	13.8	-17.1	-5.9	5.7
	-400	-675	-675	55763.3	-11.9	11.0	13.0	-15.8	-4.4	5.3
	-400	-650	-650	55727.3	-12.8	11.1	13.1	-16.4	-4.4	5.2
	-400	-625	-625	55782.4	-7.9	12.4	12.6	-12.3	-0.3	4.9
	-400	-600	-600	55744.2	-6.4	14.1	12.4	-10.2	1.4	4.9
	-400	-575	-575	55702.6	-3.9	13.3	12.4	-8.9	1.3	4.8
	-400	-550	-550	55733.7	-3.7	12.5	12.5	-9.5	0.5	4.8
	-400	-525	-525	55772.3	-3.2	13.5	12.2	-6.8	0.2	4.7
	-400	-500	-500	56168.9	-1.9	13.6	12.3	-5.3	2.2	4.6
	-400	-475	-475	55926.5	0.3	13.8	12.4	-2.2	2.5	4.6
	-400	-450	-450	55830.2	3.7	14.0	12.5	-0.7	2.2	4.7
	-400	-425	-425	55869.3	3.4	14.0	12.4	1.2	2.9	4.1
	-400	-400	-400	55834.9	7.4	13.5	12.5	3.7	2.7	4.3
	-400	-375	-375	55899.3	9.3	12.6	12.7	6.0	3.9	4.3
	-400	-350	-350	55779.2	8.6	12.2	12.8	5.5	1.1	4.4
	-400	-325	-325	55831.5	10.2	11.5	12.8	7.4	2.0	4.9
	-400	-300	-300	55791.9	9.0	11.2	13.2	6.6	-1.1	4.9
	-400	-275	-275	55744.1	10.2	9.8	12.9	8.3	-0.2	4.9
	-400	-250	-250	55703.2	10.9	12.3	13.0	9.7	1.3	4.8
	-400	-225	-225	55748.1	11.9	12.5	13.0	8.7	2.0	5.0
	-400	-200	-200	55784.9	13.1	11.3	13.0	10.1	0.8	5.0
	-400	-175	-175	55774.6	13.3	11.9	13.4	10.5	-1.1	5.0
	-400	-150	-150	55747.6	13.2	8.2	13.3	10.5	-0.8	5.0
	-400	-125	-125	55732.2	14.8	9.3	13.3	11.9	0.0	5.0
	-400	-100	-100	55746.8	16.9	10.5	13.4	13.1	1.4	5.1
	-400	-75	-75	55761.2	18.4	10.9	13.8	13.7	2.4	5.1
	-400	-50	-50	55720.9	19.2	9.8	13.8	15.3	2.7	5.2
	-400	-25	-25	55936.6	19.9	10.6	13.8	16.2	4.0	5.3
	-400	0	0	55860.5	21.1	7.8	14.2	16.6	5.8	5.5
	-400	25	25	55896.8	21.3	17.4	15.4	12.3	0.7	10.0

	-400	50	50	55854.1	19.6	17.2	15.7	11.0	0.8	10.1
	-400	75	75	56223.7	19.8	15.9	15.9	11.3	0.4	10.1
	-400	100	100	56064.3	20.0	16.2	16.1	10.8	0.5	10.2
	-400	125	125	55710.4	20.6	15.8	16.8	10.5	1.1	10.6
	-400	150	150	55707.1	18.7	13.4	17.8	7.3	-0.4	10.8
	-400	175	175	55777.6	11.1	10.0	17.0	1.8	-3.0	10.4
	-400	200	200	55842.0	13.6	13.4	17.1	4.2	-1.0	10.2
	-400	225	225	55779.7	15.0	14.0	17.1	5.5	-0.1	10.0
	-400	250	250	55729.5	15.0	13.6	17.8	5.7	0.2	10.2
	-400	275	275	55792.4	14.1	12.9	17.9	4.6	-0.4	10.1
	-400	300	300	55864.7	13.8	11.3	17.5	4.0	-0.9	10.0
	-400	325	325	55715.4	15.3	13.0	17.8	5.7	0.5	10.0
	-400	350	350	56124.8	16.5	13.6	17.7	6.9	0.5	10.0
	-400	375	375	55936.4	16.6	12.5	18.2	6.9	0.2	10.0
	-400	400	400	55870.2	17.2	14.2	18.4	8.1	0.7	10.1
	-400	425	425	55855.4	17.8	14.5	19.1	7.7	2.0	10.3
	-400	450	450	55848.6	17.2	14.7	19.5	6.8	1.8	10.3
	-400	475	475	55864.4	17.3	12.1	20.2	7.5	1.6	10.4
	-400	500	500	55861.8	16.2	11.0	20.3	6.8	1.1	10.9
	-400	525	525	55771.2	15.9	9.9	20.5	6.3	0.5	11.1
	-400	550	550	55795.5	14.8	7.4	20.8	4.8	-0.5	11.1
	-400	575	575	55567.8	14.2	8.9	21.0	4.2	0.0	11.2
	-400	600	600	56123.4	14.2	8.2	21.2	4.8	-0.5	11.3
	-400	625	625	56050.3	13.6	7.4	21.4	3.7	0.1	11.4
	-400	650	650	56126.4	12.7	4.1	14.9	2.9	-1.9	11.5
line	-300									
	-300	-1000	-1000	55740.6	2.5	8.5	15.8	11.0	0.9	5.8
	-300	-975	-975	55787.1	5.0	9.1	16.3	13.1	2.5	6.0
	-300	-950	-950	55779.9	6.0	8.5	16.9	13.9	1.8	6.2
	-300	-925	-925	55675.4	7.1	8.3	17.5	13.6	2.0	6.3
	-300	-900	-900	55786.0	5.6	9.0	18.1	12.0	2.6	6.5
	-300	-875	-875	55777.7	6.6	10.1	19.1	12.0	4.8	6.7
	-300	-850	-850	55675.7	3.5	9.1	20.6	8.6	4.0	7.1
	-300	-825	-825	55544.4	-0.2	10.0	21.8	3.5	3.9	7.4
	-300	-800	-800	55553.8	-5.7	9.6	22.7	-3.1	3.0	7.6
	-300	-775	-775	55678.8	-19.7	7.6	22.8	-17.3	-1.4	7.3
	-300	-750	-750	55908.4	-14.5	11.2	21.2	-11.1	1.6	6.6
	-300	-725	-725	56123.3	-10.8	12.7	20.4	-9.3	3.2	6.3
	-300	-700	-700	56045.9	-9.0	14.9	19.6	-6.3	5.5	6.0
	-300	-675	-675	55924.0	-5.6	17.0	19.8	-3.6	7.3	6.0
	-300	-650	-650	55783.6	-7.2	14.6	19.9	-5.3	5.2	5.9
	-300	-625	-625	55866.8	-7.4	14.1	19.6	-6.1	5.5	5.8
	-300	-600	-600	55687.4	-6.1	13.5	19.2	-4.3	7.0	5.7
	-300	-575	-575	55917.8	-6.3	12.7	19.0	-4.9	5.8	5.6
	-300	-550	-550	56219.1	-5.4	13.4	18.7	-2.9	5.6	5.6
	-300	-525	-525	55643.0	-2.1	14.8	18.4	-0.5	5.6	5.5
	-300	-500	-500	55605.8	0.7	15.1	18.1	2.3	7.9	5.4
	-300	-475	-475	55673.7	3.0	17.3	17.9	4.6	9.0	5.4
	-300	-450	-450	55761.4	3.7	15.5	17.6	5.2	7.7	5.4
	-300	-425	-425	55943.3	4.7	15.5	17.7	4.9	5.3	5.4
	-300	-400	-400	56025.6	6.2	15.8	17.8	7.7	5.5	5.4
	-300	-375	-375	55757.1	7.1	15.7	17.5	9.0	6.8	5.5
	-300	-350	-350	55707.2	9.2	14.3	16.4	9.5	4.1	5.4
	-300	-325	-325	55772.8	10.7	14.8	14.6	11.3	5.5	5.4

	-300	-300	-300	55847.5	11.1	14.1	14.0	11.4	4.4	5.4
	-300	-275	-275	55889.6	11.9	13.1	13.8	11.8	2.6	5.4
	-300	-250	-250	55835.5	12.8	14.6	13.5	12.5	3.5	5.2
	-300	-225	-225	55766.7	15.1	14.5	13.5	14.0	4.3	5.3
	-300	-200	-200	55774.3	16.5	13.7	13.4	14.4	3.7	5.3
	-300	-175	-175	55942.7	18.1	14.6	13.4	16.2	5.1	5.3
	-300	-150	-150	55954.0	19.2	14.5	13.7	17.4	4.0	5.3
	-300	-125	-125	55950.6	20.1	14.8	14.1	18.6	4.8	5.5
	-300	-100	-100	55866.8	20.7	13.7	14.0	18.0	3.9	5.6
	-300	-75	-75	55825.2	19.6	13.7	14.2	17.4	3.8	5.6
	-300	-50	-50	55840.7	20.9	14.4	15.0	18.5	5.1	5.4
	-300	-25	-25	55855.0	22.3	16.3	15.2	20.4	7.2	5.5
	-300	0	0	55857.5	21.8	12.2	15.7	18.1	6.1	5.6
	-300	0	0	55857.5	18.8	15.2	9.7	8.1	1.1	10.6
	-300	25	25	55760.5	18.0	15.2	9.4	7.8	1.4	10.7
	-300	50	50	55765.7	13.6	12.7	9.2	3.0	-1.6	11.0
	-300	75	75	55795.5	12.8	12.4	9.1	3.3	-2.2	10.7
	-300	100	100	55840.4	13.2	13.6	9.3	3.2	-1.9	10.7
	-300	125	125	55787.5	13.7	13.3	9.3	2.8	-1.5	10.8
	-300	150	150	55756.6	14.3	11.9	9.4	2.8	-2.7	10.8
	-300	175	175	55758.7	16.9	14.2	10.2	5.1	0.0	11.2
	-300	200	200	55737.4	8.0	8.8	9.5	-1.7	-3.2	10.6
	-300	225	225	55749.6	10.3	10.4	9.3	0.0	-2.7	10.4
	-300	250	250	55727.3	13.0	12.5	9.4	2.5	-0.9	10.5
	-300	275	275	55696.3	11.1	11.8	9.6	1.4	-0.7	10.7
	-300	300	300	55857.5	9.9	10.7	9.7	0.4	-1.8	10.8
	-300	325	325	55771.0	9.6	7.3	9.6	-0.4	-3.2	10.6
	-300	350	350	55631.7	9.5	8.4	9.6	-0.4	-2.7	10.5
	-300	375	375	55799.6	10.1	9.9	9.8	-0.3	-2.4	10.8
	-300	400	400	56079.4	11.2	9.7	9.9	0.3	-2.4	10.6
	-300	425	425	56080.7	12.6	10.9	10.1	1.6	-1.0	10.6
	-300	450	450	55978.5	12.2	10.6	10.2	1.5	-0.3	10.8
	-300	475	475	55970.4	12.6	10.6	10.4	1.6	-0.6	11.0
	-300	500	500	55916.2	12.2	11.2	10.6	2.1	-0.2	11.1
	-300	525	525	55900.0	12.9	8.3	11.0	2.1	0.5	11.4
	-300	550	550	55919.3	10.5	7.6	11.2	0.6	-1.4	11.5
	-300	575	575	55825.8	9.6	6.1	11.4	-0.5	-2.0	11.5
	-300	600	600	55770.0	9.0	6.0	11.6	-1.4	-1.8	11.7
	-300	625	625	55818.0	6.4	3.3	11.7	-4.5	-3.3	11.8
	-300	650	650	55726.3	4.6	3.6	11.9	-4.7	-3.5	11.9
	-300	675	675	55737.0	-1.4	-1.1	12.3	-11.9	-7.8	12.1
	-300	700	700	55810.4	-1.9	-0.8	12.5	-14.1	-7.1	12.2
	-300	725	725	55869.9	-5.4	-2.8	12.3	-17.6	-9.5	12.2
	-300	750	750	55928.8	-6.6	-2.6	12.1	-20.2	-11.8	11.6
	-300	775	775	55852.5	-6.6	-2.9	11.9	-20.4	-11.2	11.2
	-300	800	800	55820.2	-5.3	-1.0	11.8	-19.0	-8.8	11.1
	-300	825	825	55849.7	-4.9	-1.0	11.8	-18.7	-9.2	11.1
	-300	850	850	55810.2	-4.4	-0.6	11.7	-19.4	-8.4	10.8
line	-200									
	-200	-700	-700	55891.9	-18.8	13.8	15.8	-11.8	6.9	6.2
	-200	-675	-675	55782.9	-17.0	13.8	15.7	-12.1	6.2	6.1
	-200	-650	-650	55763.5	-16.2	12.9	15.5	-9.9	5.5	6.1
	-200	-625	-625	55663.6	-13.5	13.4	15.3	-8.1	5.4	6.1
	-200	-600	-600	55617.8	-11.9	14.2	14.9	-5.1	6.9	6.2

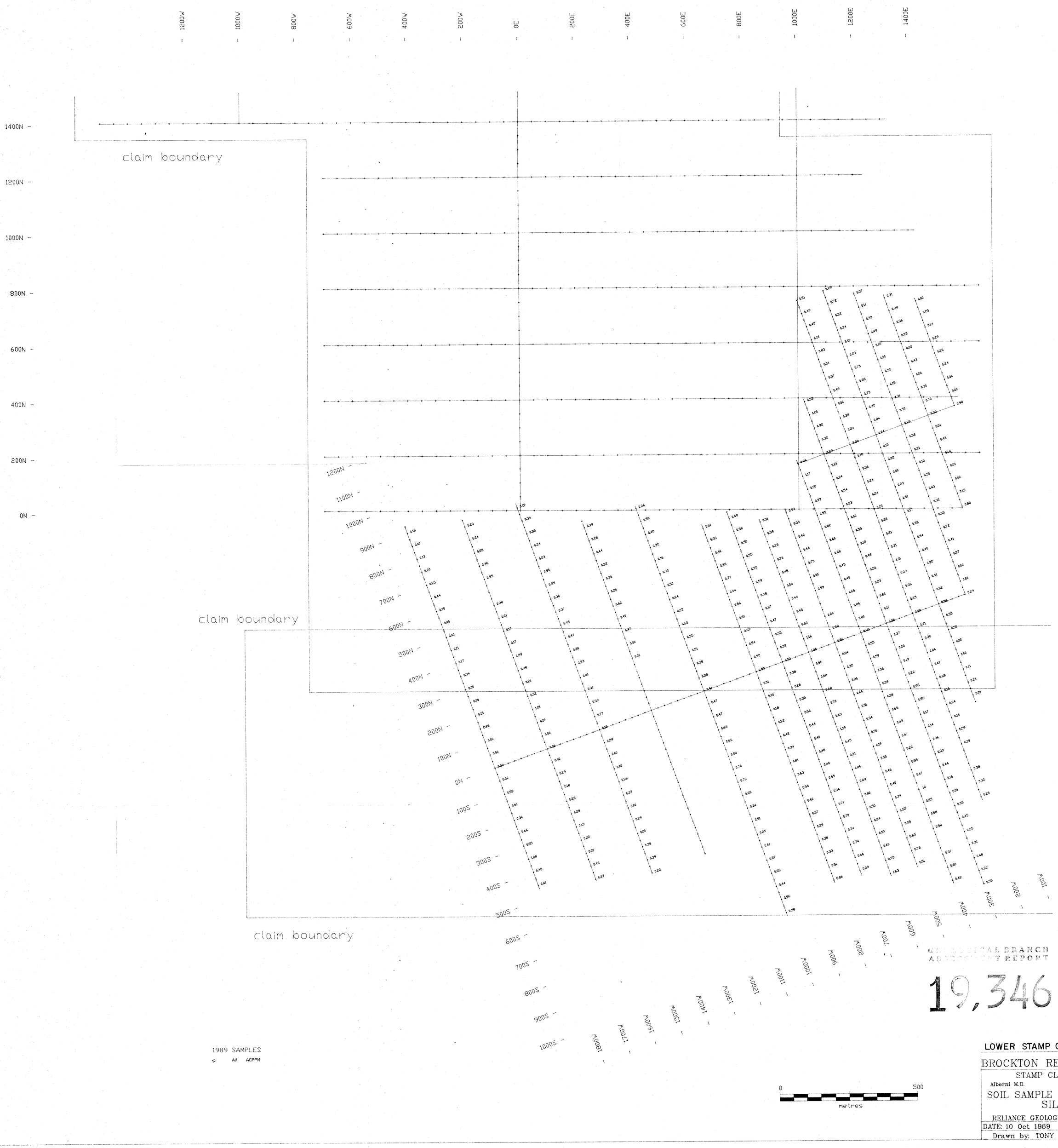
-200	-575	-575	55768.9	-13.2	12.5	15.0	-7.5	4.4	6.1
-200	-550	-550	55622.0	-13.6	12.4	14.8	-8.0	3.8	5.9
-200	-525	-525	55757.5	-10.6	13.9	14.4	-6.2	3.8	6.0
-200	-500	-500	55624.4	-8.3	14.3	14.1	-3.6	6.0	5.8
-200	-475	-475	55613.1	-5.4	16.2	14.2	-1.7	6.5	5.9
-200	-450	-450	55668.6	-4.0	15.9	14.1	-0.9	8.2	6.0
-200	-425	-425	55683.4	-2.4	15.6	14.1	0.0	5.6	6.1
-200	-400	-400	55786.1	0.7	16.0	14.2	2.7	6.1	6.1
-200	-375	-375	55788.2	-1.3	12.8	14.6	-0.7	1.3	6.2
-200	-350	-350	55733.6	-0.4	11.3	14.5	0.4	2.5	6.3
-200	-325	-325	55858.8	-2.5	10.1	14.1	-1.4	-2.4	6.1
-200	-300	-300	55829.4	1.1	10.6	13.9	1.4	0.2	6.1
-200	-275	-275	55717.3	2.4	11.2	14.1	3.2	-1.3	6.1
-200	-250	-250	55886.7	0.8	10.2	14.3	0.4	-1.7	6.2
-200	-225	-225	55787.8	2.4	11.5	14.1	1.7	-1.5	6.0
-200	-200	-200	55799.2	4.2	12.1	14.2	3.0	-1.9	6.1
-200	-175	-175	55783.1	5.8	12.6	14.3	5.0	-1.2	6.1
-200	-150	-150	55773.7	6.8	12.2	14.4	5.8	-0.8	6.2
-200	-125	-125	55745.8	9.2	12.8	14.4	6.7	-0.3	6.3
-200	-100	-100	55772.5	9.7	12.5	14.6	8.1	-1.1	6.3
-200	-75	-75	55760.7	11.7	13.5	14.9	7.9	1.2	6.4
-200	-50	-50	55778.0	10.7	12.4	15.3	7.1	0.3	6.6
-200	-25	-25	55736.4	10.5	11.6	15.3	6.0	0.3	6.6
-200	0	0	55725.8	9.8	11.5	15.1	5.8	-0.5	6.5
-200	25	25	55727.9	9.2	10.1	14.6	2.4	-0.8	10.1
-200	50	50	55793.2	8.9	9.3	14.6	1.9	-1.3	10.1
-200	75	75	55725.0	10.9	10.5	14.7	2.7	-0.7	10.2
-200	100	100	55804.4	10.0	9.2	14.7	1.6	-2.0	10.1
-200	125	125	55841.3	12.0	10.1	14.6	3.1	0.0	10.1
-200	150	150	55865.1	12.1	10.3	14.8	3.0	-1.0	10.2
-200	175	175	55845.7	11.1	8.2	15.5	2.4	-0.9	10.5
-200	200	200	55832.7	9.0	7.6	15.0	-0.3	-3.2	10.2
-200	225	225	55828.6	12.0	10.0	14.9	1.7	-1.9	10.4
-200	250	250	55852.6	11.0	9.4	15.0	1.0	-1.8	10.4
-200	275	275	55754.1	10.7	9.4	15.0	0.4	-2.5	10.4
-200	300	300	55843.3	11.2	8.9	15.3	-0.1	-1.7	10.3
-200	325	325	55783.3	12.1	7.8	15.1	1.2	-1.6	10.4
-200	350	350	55783.8	12.0	8.7	15.2	1.7	-1.3	10.6
-200	375	375	55725.4	12.5	9.1	15.6	0.7	-0.5	10.6
-200	400	400	55732.6	12.3	9.8	15.6	0.2	-0.4	10.6
-200	425	425	55913.8	13.4	10.7	15.8	0.9	0.4	10.7
-200	450	450	55785.8	13.7	10.6	16.4	2.0	1.3	10.8
-200	475	475	56139.9	13.3	10.8	16.6	1.0	1.2	10.9
-200	500	500	56203.7	13.9	10.5	16.8	1.8	1.7	11.0
-200	525	525	56091.4	13.2	10.5	17.4	0.6	2.3	11.3
-200	550	550	56013.9	11.2	8.3	18.1	-1.3	0.5	11.5
-200	575	575	55893.7	9.5	7.5	19.2	-2.6	-0.3	11.7
-200	600	600	55817.1	8.0	6.5	20.0	-3.9	-0.3	11.8
-200	625	625	55797.9	5.3	5.5	20.5	-7.3	-1.8	12.0
-200	650	650	55773.9	-0.6	2.2	20.7	-13.2	-3.7	12.1
-200	675	675	55843.0	-3.3	2.0	18.9	-17.6	-4.5	11.2
-200	700	700	55839.9	-2.3	2.8	18.3	-16.4	-3.2	10.9
-200	725	725	55830.1	-2.2	2.2	18.4	-16.4	-3.7	10.9
-200	750	750	55851.7	-2.5	1.7	17.7	-17.4	-3.3	10.7

	-200	775	775	55787.9	-0.9	1.7	17.8	-16.6	-3.5	10.5
	-200	800	800	55830.2	-1.6	1.3	17.7	-16.9	-3.4	10.6
	-200	825	825	55877.5	-1.5	1.7	17.4	-17.5	-3.1	10.6
	-200	850	850	55909.3	-3.4	0.2	17.1	-18.8	-4.5	10.3
	-200	875	875	55890.4	-5.8	-1.5	16.7	-21.2	-6.1	10.4
	-200	900	900	55859.7	-5.2	-1.0	16.1	-22.3	-6.4	9.9
	-200	925	925	55821.1	-1.9	1.3	15.9	-18.4	-4.4	9.8
	-200	950	950	55856.9	0.5	3.1	16.0	-16.5	-2.2	9.9
	-200	975	975	55837.8	2.7	4.2	16.3	-14.5	-1.8	9.9
	-200	1000	1000	55893.2	4.2	5.6	16.6	-12.1	0.6	10.1
	-200	1025	1025	55904.2	3.1	4.8	17.1	-12.9	0.0	10.3
	-200	1050	1050	55851.2	4.1	7.2	17.2	-12.8	1.3	10.4
	-200	1075	1075	55901.9	1.3	6.2	18.1	-14.6	0.6	10.6
	-200	1100	1100	55887.1	0.0	6.1	18.6	-15.9	0.6	11.1
	-200	1125	1125	55911.0	-7.1	5.2	17.3	-24.0	-1.4	10.4
	-200	1150	1150	55911.4	-2.2	7.7	17.4	-18.5	1.5	10.3
	-200	1175	1175	55898.4	-4.7	3.5	17.1	-19.9	-0.8	10.2
	-200	1200	1200	55894.7	-5.5	2.7	17.0	-20.9	-2.3	10.0
line	-100									
	-100	-400	-400	55759.1	-23.2	10.8	14.1	-10.2	-0.5	9.1
	-100	-375	-375	55758.7	-18.4	11.9	13.8	-6.8	0.3	8.9
	-100	-350	-350	55768.1	-16.1	11.0	13.6	-6.5	-1.8	8.7
	-100	-325	-325	55742.3	-14.4	10.9	13.3	-6.1	-3.0	8.6
	-100	-300	-300	55851.6	-10.0	10.4	13.0	-4.2	-4.3	8.3
	-100	-275	-275	55840.7	-5.6	11.3	12.9	-0.2	-3.6	8.3
	-100	-250	-250	55857.6	-4.0	11.9	13.0	0.1	-1.5	8.0
	-100	-225	-225	55784.9	-2.6	11.2	12.9	1.4	-3.1	8.2
	-100	-200	-200	55764.1	1.1	12.8	13.1	3.8	-1.8	8.5
	-100	-175	-175	55767.8	3.0	13.2	13.5	4.6	-0.9	8.7
	-100	-150	-150	55831.1	5.8	14.4	13.7	7.0	0.0	8.8
	-100	-125	-125	55749.8	6.0	12.7	14.2	4.8	-1.5	9.2
	-100	-100	-100	55758.0	6.8	13.0	14.5	5.3	-0.3	9.3
	-100	-75	-75	55825.7	7.2	14.7	14.4	5.8	-0.1	9.3
	-100	-50	-50	55793.2	6.6	15.1	14.6	5.5	0.3	9.1
	-100	-25	-25	55782.2	8.0	14.5	14.7	5.0	1.2	9.3
	-100	0	0	55821.9	8.2	14.1	14.2	5.2	1.5	9.3
	-100	0	0	55821.9	-0.2	10.1	10.2	-2.2	-2.5	9.3
	-100	25	25	55801.7	2.1	9.1	10.2	-1.3	-2.0	9.2
	-100	50	50	55785.9	2.3	8.6	10.3	-1.2	-3.4	9.2
	-100	75	75	55821.4	3.7	8.6	10.3	0.0	-3.2	9.1
	-100	100	100	55799.4	4.9	7.3	10.6	0.0	-3.4	9.4
	-100	125	125	55790.1	4.7	6.7	10.6	-0.4	-3.9	9.5
	-100	150	150	55759.3	4.0	5.6	10.6	-1.1	-5.2	9.2
	-100	175	175	55717.3	7.8	7.2	10.6	0.1	-4.2	9.3
	-100	200	200	55799.7	8.2	8.1	11.0	0.5	-1.7	9.5
	-100	225	225	55803.6	9.9	9.3	11.3	0.7	-0.5	9.7
	-100	250	250	55800.2	9.7	9.6	11.5	1.4	-0.2	9.9
	-100	275	275	55784.9	7.5	6.8	11.6	-0.3	-2.6	9.9
	-100	300	300	55778.6	8.4	10.0	11.7	-1.3	-0.6	9.9
	-100	325	325	55798.1	9.4	11.6	12.0	-0.6	0.3	9.8
	-100	350	350	55798.4	11.0	12.8	12.3	-0.8	1.6	10.0
	-100	375	375	55798.1	10.0	11.5	12.3	-1.3	1.7	9.9
	-100	400	400	55809.5	11.5	13.7	12.5	-0.4	3.4	10.1
	-100	425	425	55880.2	12.2	13.8	12.8	-0.1	3.8	10.3

	-100	450	450	55895.5	11.6	13.7	13.1	-0.6	4.1	10.5
	-100	475	475	56014.8	11.6	13.6	13.4	-0.5	3.9	10.7
	-100	500	500	55841.7	11.6	13.4	13.8	-0.3	5.0	10.8
	-100	525	525	55822.6	11.0	12.2	14.2	-1.0	4.8	11.0
	-100	550	550	55810.3	7.8	11.0	14.4	-3.7	3.9	11.3
	-100	575	575	55795.4	3.3	8.9	14.7	-8.7	1.7	11.5
	-100	600	600	55858.7	2.6	9.0	15.0	-9.1	1.9	11.7
	-100	625	625	55965.8	-6.2	2.2	15.2	-18.0	-3.6	11.7
	-100	650	650	55836.8	-5.9	2.6	14.2	-18.5	-4.1	10.9
	-100	675	675	55845.8	-5.4	4.2	15.0	-18.0	-1.8	10.0
	-100	700	700	55854.6	-6.0	4.4	14.9	-19.0	-2.9	9.9
	-100	725	725	55826.1	-5.6	3.9	14.6	-18.3	-3.3	9.5
	-100	750	750	55876.1	-5.9	4.0	14.6	-18.9	-2.7	9.5
	-100	775	775	55878.4	-5.9	2.9	14.3	-19.3	-4.5	9.6
	-100	800	800	55889.7	-4.6	2.9	14.1	-17.7	-4.1	9.4
	-100	825	825	55901.7	-4.4	1.2	14.1	-18.0	-4.5	9.3
	-100	850	850	55897.0	-3.3	1.8	14.2	-16.9	-4.7	9.2
	-100	875	875	55805.6	-4.2	0.9	13.9	-16.9	-4.9	9.0
	-100	900	900	55858.4	-1.4	3.4	13.8	-14.3	-2.6	8.8
	-100	925	925	55839.0	0.5	3.6	9.9	-13.1	-1.6	8.9
	-100	950	950	55834.7	1.2	4.1	15.0	-10.7	-1.9	9.1
	-100	975	975	55871.0	0.5	2.3	14.9	-11.6	-2.2	9.1
	-100	1000	1000	55847.9	0.6	2.7	15.2	-10.6	-2.6	9.2
	-100	1025	1025	55900.3	0.8	3.8	15.4	-10.3	-1.2	9.2
	-100	1050	1050	55875.1	1.4	4.2	15.5	-9.5	-1.7	9.3
	-100	1075	1075	55905.0	2.2	4.8	16.2	-8.5	0.1	9.6
	-100	1100	1100	55858.0	0.0	3.8	16.7	-11.0	-0.3	9.9
	-100	1125	1125	55870.1	-4.2	2.2	17.4	-14.6	-1.7	10.2
	-100	1150	1150	55932.6	-9.6	1.8	15.8	-20.8	-3.9	9.2
line	0									
	0	0	0	55795.2	-8.4	8.6	12.9	6.0	-3.5	9.2
	0	25	25	55799.1	-6.9	8.4	12.7	7.0	-3.6	9.2
	0	50	50	55816.6	-2.6	9.5	12.7	8.0	-2.6	9.3
	0	75	75	55808.3	0.6	9.7	12.8	10.5	-2.5	9.5
	0	100	100	55802.7	1.8	9.6	13.7	9.6	-1.9	10.1
	0	125	125	55825.4	1.6	7.8	13.4	7.5	-3.4	10.0
	0	150	150	55813.8	2.6	8.2	13.5	7.7	-2.5	10.1
	0	175	175	55827.4	4.6	9.1	13.5	7.9	-1.1	9.9
	0	200	200	55857.4	5.3	10.3	13.7	8.6	0.0	9.9
	0	225	225	55794.5	6.4	12.1	14.2	7.6	1.5	10.5
	0	250	250	55788.8	5.0	12.2	14.7	4.2	1.8	10.8
	0	275	275	55808.3	2.7	13.0	14.7	2.2	2.3	10.9
	0	300	300	55821.1	1.3	13.7	14.8	0.0	2.6	10.9
	0	325	325	55821.7	1.2	13.3	14.9	0.2	2.2	11.0
	0	350	350	55817.6	2.1	17.1	16.9	0.5	6.3	9.9
	0	375	375	55831.1	1.7	19.9	16.9	0.4	8.1	10.1
	0	400	400	55815.6	2.3	20.3	17.2	-0.8	9.0	10.4
	0	425	425	55848.5	-0.3	19.5	18.1	-4.4	8.0	10.8
	0	450	450	55853.8	-2.7	17.7	17.5	-7.5	6.0	10.3
	0	475	475	55867.9	-0.9	18.3	17.4	-5.6	8.1	10.2
	0	500	500	55882.7	-0.5	17.6	17.7	-6.2	6.6	10.1
	0	525	525	55921.0	-0.6	16.6	17.9	-6.6	7.0	10.2
	0	550	550	55810.5	-1.2	14.4	18.6	-7.5	5.8	10.4
	0	575	575	55885.0	-5.2	12.9	18.4	-12.5	4.0	10.2

	0	600	600	55858.7	-5.5	11.9	18.0	-12.9	3.3	9.8
	0	625	625	55834.1	-4.5	11.7	17.6	-12.5	3.2	9.6
	0	650	650	55916.2	-3.5	12.9	15.1	-12.9	3.1	9.6
	0	675	675	55892.2	-4.1	10.1	15.0	-13.3	1.8	9.4
	0	700	700	55900.7	-3.6	9.9	14.8	-12.0	1.2	9.2
	0	725	725	55902.7	-3.4	8.4	14.7	-11.5	-0.2	8.9
	0	750	750	55874.2	-3.3	7.3	14.4	-12.2	-0.8	8.7
	0	775	775	55888.7	-3.6	6.6	14.2	-12.3	-0.6	8.6
	0	800	800	55908.5	-0.5	7.5	14.0	-9.3	-0.5	8.2
	0	825	825	55877.2	1.9	8.9	13.8	-6.8	-0.4	8.2
	0	850	850	55893.1	4.1	9.4	14.2	-4.6	0.8	8.3
	0	875	875	55877.8	5.0	7.9	14.5	-3.4	0.1	8.5
	0	900	900	55879.0	7.2	7.8	14.5	-1.0	0.6	8.5
	0	925	925	55967.4	4.5	3.8	15.3	-2.2	-2.7	8.8
	0	950	950	55890.0	3.5	2.3	14.7	-3.4	-3.6	8.5
	0	975	975	55860.3	7.0	3.8	14.7	-0.1	-2.0	8.5
	0	1000	1000	55836.2	7.3	4.1	15.2	0.2	-2.7	8.7
	0	1025	1025	55848.4	7.1	2.8	15.3	0.2	-3.0	9.0
	0	1050	1050	55856.5	8.0	3.2	15.6	1.6	-2.6	9.1
	0	1075	1075	55851.1	8.5	3.9	15.9	2.1	-2.0	9.3
	0	1100	1100	55846.3	8.3	4.8	16.3	2.3	-1.3	9.4
	0	1125	1125	55851.5	8.3	5.8	16.9	2.0	0.0	9.7
	0	1150	1150	55849.9	6.7	5.7	17.7	1.1	0.0	10.0
line	100									
	100	300	300	55800.5	-34.7	17.7	20.3	-19.7	10.2	11.3
	100	325	325	55827.6	-21.5	18.7	17.9	-14.1	10.0	10.2
	100	350	350	55860.8	-18.6	19.7	17.5	-13.5	10.0	10.0
	100	375	375	55812.1	-17.9	20.4	17.3	-13.7	10.6	10.0
	100	400	400	55820.9	-18.9	21.7	17.1	-16.3	10.2	10.0
	100	425	425	55853.0	-19.9	23.1	16.8	-16.8	11.6	9.9
	100	450	450	55870.1	-15.9	22.8	16.5	-14.9	11.1	9.6
	100	475	475	55864.0	-13.4	22.3	16.5	-13.6	10.4	9.5
	100	500	500	55860.8	-13.3	21.0	16.4	-14.2	10.0	9.5
	100	525	525	55869.2	-13.2	21.4	16.6	-15.7	10.1	9.6
	100	550	550	55884.2	-14.6	21.1	16.5	-17.5	8.7	9.3
	100	575	575	55857.9	-13.6	20.2	15.9	-16.1	8.3	9.1
	100	600	600	55861.5	-13.5	18.1	15.6	-17.0	6.6	8.9
	100	625	625	55885.4	-13.9	16.6	15.1	-16.1	4.3	8.5
	100	650	650	55962.8	-10.1	16.6	14.5	-12.2	5.0	8.1
	100	675	675	55973.6	-5.5	17.7	14.6	-7.9	7.5	8.1
	100	700	700	55948.9	-5.2	15.3	14.6	-8.1	4.7	8.2
	100	725	725	55966.9	-3.9	13.8	14.8	-7.0	4.0	8.2
	100	750	750	55896.6	-7.1	8.7	14.9	-9.9	0.0	8.4
	100	775	775	55872.5	-8.7	6.3	14.3	-12.1	-3.0	7.9
	100	800	800	55961.3	-4.6	7.4	13.7	-7.1	-2.0	7.5
	100	825	825	55951.1	-1.6	7.6	13.6	-3.6	-1.6	7.4
	100	850	850	55950.4	1.3	7.3	13.7	-0.9	-2.7	7.5
	100	875	875	55898.5	3.6	7.5	13.7	0.3	-1.3	7.6
	100	900	900	55897.9	5.1	8.3	13.8	3.0	-1.6	7.6
	100	925	925	55893.4	7.3	7.5	14.0	5.6	-1.8	7.8
	100	950	950	55902.8	10.1	7.3	14.2	7.3	-1.6	7.9
	100	975	975	55881.7	10.0	5.8	14.7	8.6	-3.0	8.1
	100	1000	1000	55811.8	9.8	4.0	14.8	8.3	-4.1	8.2
	100	1025	1025	55963.3	13.1	5.2	14.5	12.2	-1.7	8.0

	100	1050	1050	55940.7	17.1	7.9	15.3	15.2	-0.1	8.4
	100	1075	1075	55902.8	5.9	-1.2	16.5	5.3	-7.2	8.9
	100	1100	1100	55882.3	6.6	-1.0	15.8	6.6	-5.9	8.6
line	200									
	200	650	650	55910.1	-30.1	20.4	15.2	-22.7	6.6	7.8
	200	675	675	55889.1	-26.2	19.5	15.2	-18.3	6.1	7.8
	200	700	700	55863.0	-18.5	17.3	15.3	-14.3	4.4	8.1
	200	725	725	55903.0	-18.6	13.4	15.2	-14.9	0.9	7.9
	200	750	750	55931.5	-14.1	12.6	15.0	-11.9	0.0	7.7
	200	775	775	55911.0	-7.1	13.3	15.1	-6.0	0.3	7.7
	200	800	800	55898.1	-9.6	9.6	14.7	-7.1	-1.8	7.6
	200	825	825	55904.7	-6.4	9.0	14.6	-3.7	-2.5	7.5
	200	850	850	55899.1	-4.5	7.4	14.8	-2.0	-3.6	7.7
	200	875	875	55897.7	-4.8	4.5	14.9	-2.8	-5.4	7.8
	200	900	900	55894.7	-0.7	5.8	14.5	1.1	-5.0	7.5
	200	925	925	55918.4	1.1	6.0	14.5	4.3	-5.3	7.6
	200	950	950	55884.8	6.8	8.1	14.9	9.3	-1.9	7.7
	200	975	975	55924.1	15.4	11.5	16.1	16.0	2.2	8.3
	200	1000	1000	55930.3	7.6	3.2	16.6	8.3	-5.0	8.5
	200	1025	1025	55943.5	2.4	-0.9	16.5	2.3	-10.2	8.5
	200	1050	1050	55910.5	5.7	-0.2	16.2	6.8	-8.7	8.3



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,346

R Hillaby

1989 SAMPLES
Au AGPPM

LOWER STAMP GRID Map 9

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

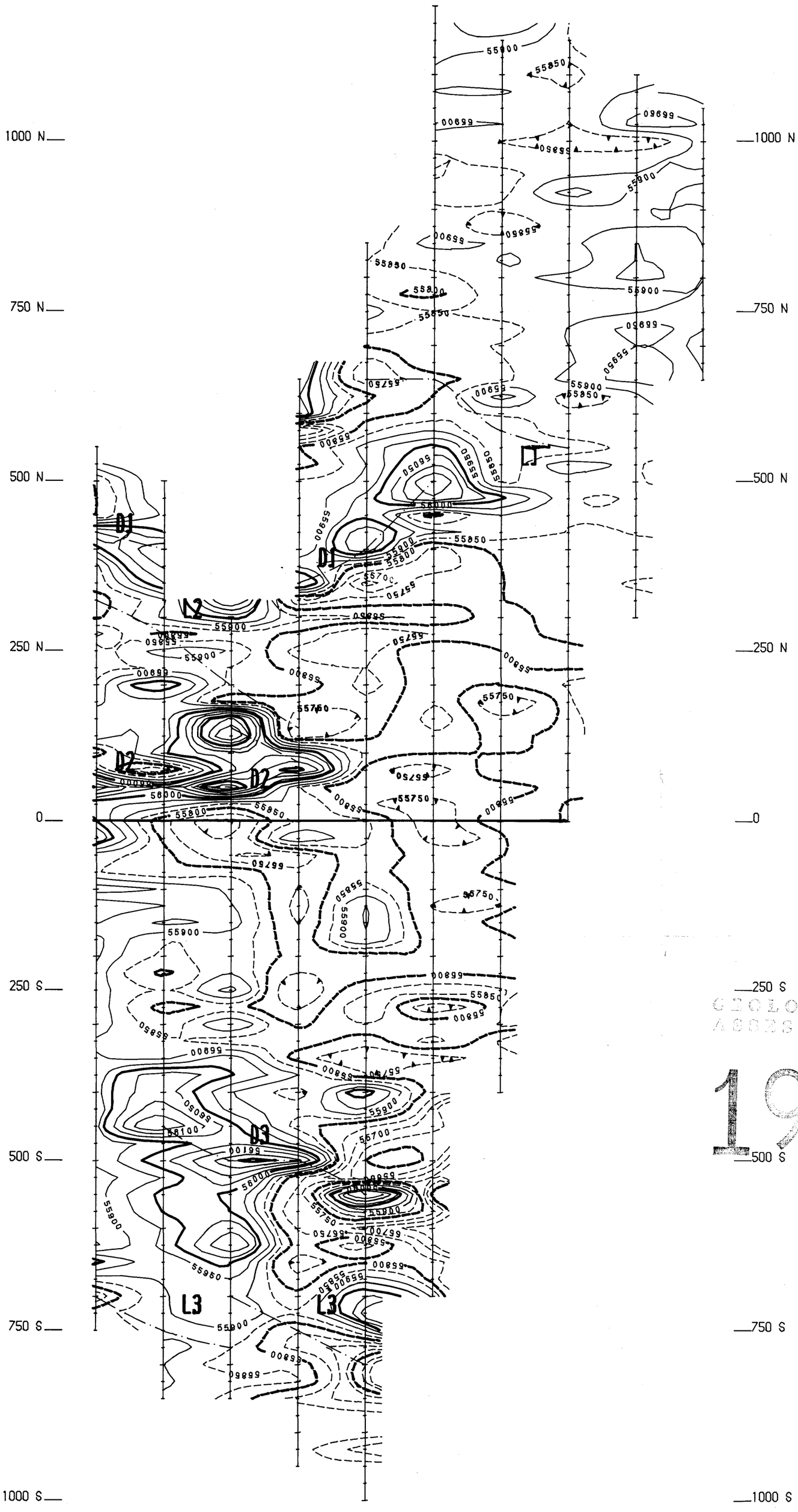
Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
SILVER

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 10 Oct 1989 | SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING



Scale 1:5000

50 0 50 100 150 200 250 (metres)

LEGEND

Contour Interval

< 55900 nT	> 55900 nT	
– – –	———	20 nT
– – –·	———	200 nT
——·——		Magnetic Lineament

Map 19

BROCKTON RESOURCES INC.

Total Field Magnetic Contours

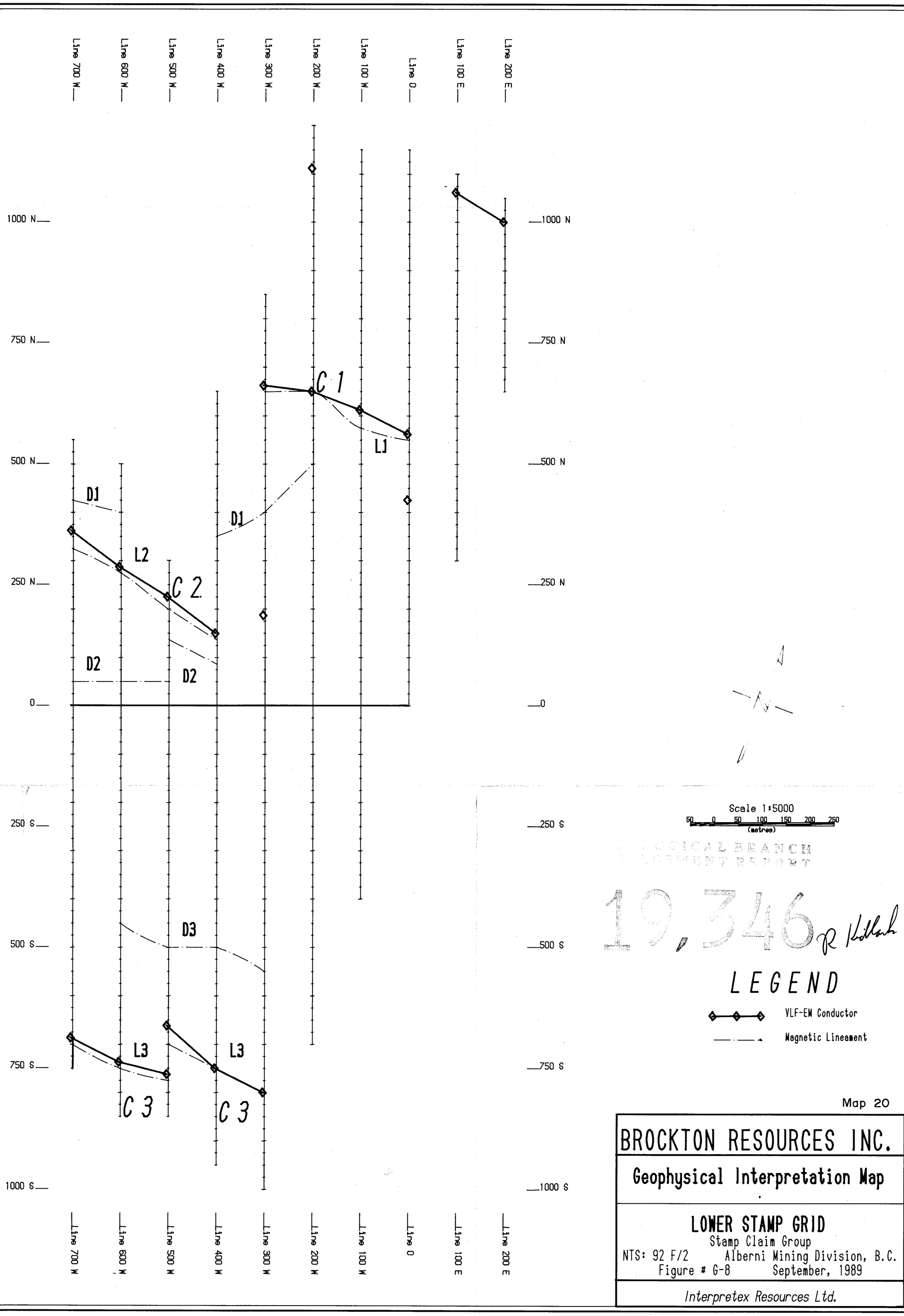
LOWER STAMP GRID

Stamp Claim Group

NTS: 92 F/2 Alberni Mining Division, B.C.

Figure # G-7 September, 1989

Interpretex Resources Ltd.



Map 20

BROCKTON RESOURCES INC.

Geophysical Interpretation Map

LOWER STAMP GRID

Stamp Claim Group
NTS: 92 F/2 Alberni Mining Division, B.C.
Figure # G-8 September, 1989

Interpretex Resources Ltd.

Devils Den Lake

Johnstone Island

Hoik Island

Hohm Island

Alberni Inlet

TL 10+00W

BL 0+00

TL 10+00E

L.46+00 N
L.44+00 N
L.41+00 N
L. 40+00 N
L.39+00 N
L.37+00 N
L.35+00 N
L.33+00 N
L.31+00 N
L.30+00 N
L.29+00 N
L.27+00 N
L.25+00 N
L. 20+00 N

M·1
M·2
T·1
T·2
T·3
T·4
T·5
D·1
D·2
D·3
D·4
C·1

AR-14 30,1.2,82
DEVIL'S DEN WORKINGS
PIT-2
PIT-1
AR-15 85,x 0.1,73
KR-05 5,1.5,203
KR-06 5,1.6,465
KR-07 10,1.6,1410
KR-08 5,1.7,101

CLAIM BOUNDARY

GEOLOGICAL BRANCH
ASSESSMENT REPORT
12,346

LEGEND

GEOLOGY

TRIASSIC

KARMUTSEN FORMATION

V V V — Undifferentiated pillow lavas, massive andesite flows, tuffs, sills.
Vp - Porphorytic andesite and dacite
Vf - Pillowed andesite and basalt
Vt - Aphanitic, light coloured poorly bedded tuff

Altered metamorphosed volcanics (chlorite, epidote, iron oxides)

SYMBOLS

- Rusty quartz-calcite stringer (inclined, vertical)
- Strike and dip of bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Jointing (inclined, vertical)
- Outcrop
- Geological contact (assumed)
- Limit of 1989 mapping
- Adit
- Shaft
- Pit
- 1989 Blast pit
- KR-07 ▲ Rock sample location Au(ppb), Ag(ppm), Cu(ppm)
- Fault approximate
- 1988 Flagged grid line
- 1989 Flagged grid line
- Road
- Swamp
- Creek
- Lake

GEOPHYSICAL ANOMALIES

- C·1 — VLF-EM Conductor
- D·1 — Magnetic lineament (High)
- L·3 — Magnetic lineament (Low)
- M·2 / M·1 — Magnetic terrane boundary

GEOCHEMICAL SOIL ANOMALIES

- 70 ● Sample location (GOLD-ppb)
- 1.24 ■ Sample location (SILVER-ppm) multipoint
- 698 ● Sample location (COPPER-ppm) multipoint
- T·2 — Target Area

0 50 100 200 300 400 metres

BROCKTON RESOURCES INC.
STAMP CLAIM GROUP
ALBERNI MINING DIVISION, B.C.
- North Half -
COMPILATION MAP

RELIANCE GEOLOGICAL SERVICES INC.

Scale 1 : 5000	N.T.S. 92 F/2
Date Oct 18 1989	Map 21
Drawn	

LEGEND

GEOLOGY

TRIASSIC

KARMUTSEN FORMATION

V V V — Undifferentiated pillow lavas, massive andesite flows, tuffs, sills.

Vp - Porphorytic andesite and dacite

Vf - Pillowed andesite and basalt

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- Jointing (inclined, vertical)
- Outcrop
- Geological contact (assumed)
- Limit of 1989 mapping
- Adit
- Shaft
- Pit
- 1989 Blast pit
- KR-07 ▲ Rock sample location Au(ppb), Ag(ppm), Cu(ppm)
- Fault approximate
- 1988 Flagged grid line
- 1989 Flagged grid line
- Road
- Swamp
- Creek
- Lake

GEOPHYSICAL ANOMALIES

- C-1 — VLF-EM Conductor
- D-1 — Magnetic lineament (High)
- L-3 — Magnetic lineament (Low)
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- 70 ● Sample location (GOLD-ppb)
- 1.24 ■ Sample location (SILVER-ppm) multipoint
- 698 ● Sample location (COPPER-ppm) multipoint
- T-2 — Target Area

0 50 100 200 300 400 metres

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

ALBERNI MINING DIVISION, B.C.

- South Half -

COMPILATION MAP

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1:5000	N.T.S.	92 F/2
	Date Oct. 18 1989	Map	22
	Drawn		

Devils Den Lake

Johnstone Island

Hoik Island

Hohm Island

Alberni Inlet

CLAIM BOUNDARY

BL 0+00

T.L. 10+00 W

T.L. 10+00 E

L.46+00 N
L.44+00 N
L.41+00 N
L.40+00 N
L.39+00 N
L.37+00 N
L.35+00 N
L.33+00 N
L.31+00 N
L.30+00 N
L.29+00 N
L.27+00 N
L.25+00 N
L.20+00 N

AR-14 30, 1, 2, 82
DEVIL'S DEN WORKINGS
PIT-2
PIT-1
AR-15 85, 0.1, 73
KR-05 <5, 1, 5, 205
KR-06 5, 1, 8, 465
KR-08 <5, 1, 7, 101
KR-07 10, 1, 6, 1410

LEGEND

GEOLOGY

TRIASSIC

KARMUTSEN FORMATION

V V V — Undifferentiated pillow lavas, massive andesite flows, tuffs, sills.
Vp - Porphorytic andesite and dacite
Vf - Pillowed andesite and basalt
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- Foliation (inclined, vertical)
- Jointing (inclined, vertical)
- Outcrop
- Geological contact (assumed)
- Limit of 1989 mapping
- Adit
- Shaft
- Pit
- 1989 Blast pit
- KR-07 Rock sample location Au(ppb), Ag(ppm), Cu(ppm)
- Fault approximate
- 1988 Flagged grid line
- 1989 Flagged grid line
- Road
- Swamp
- Creek
- Lake

0 50 100 200 300 400 metres

BROCKTON RESOURCES INC.

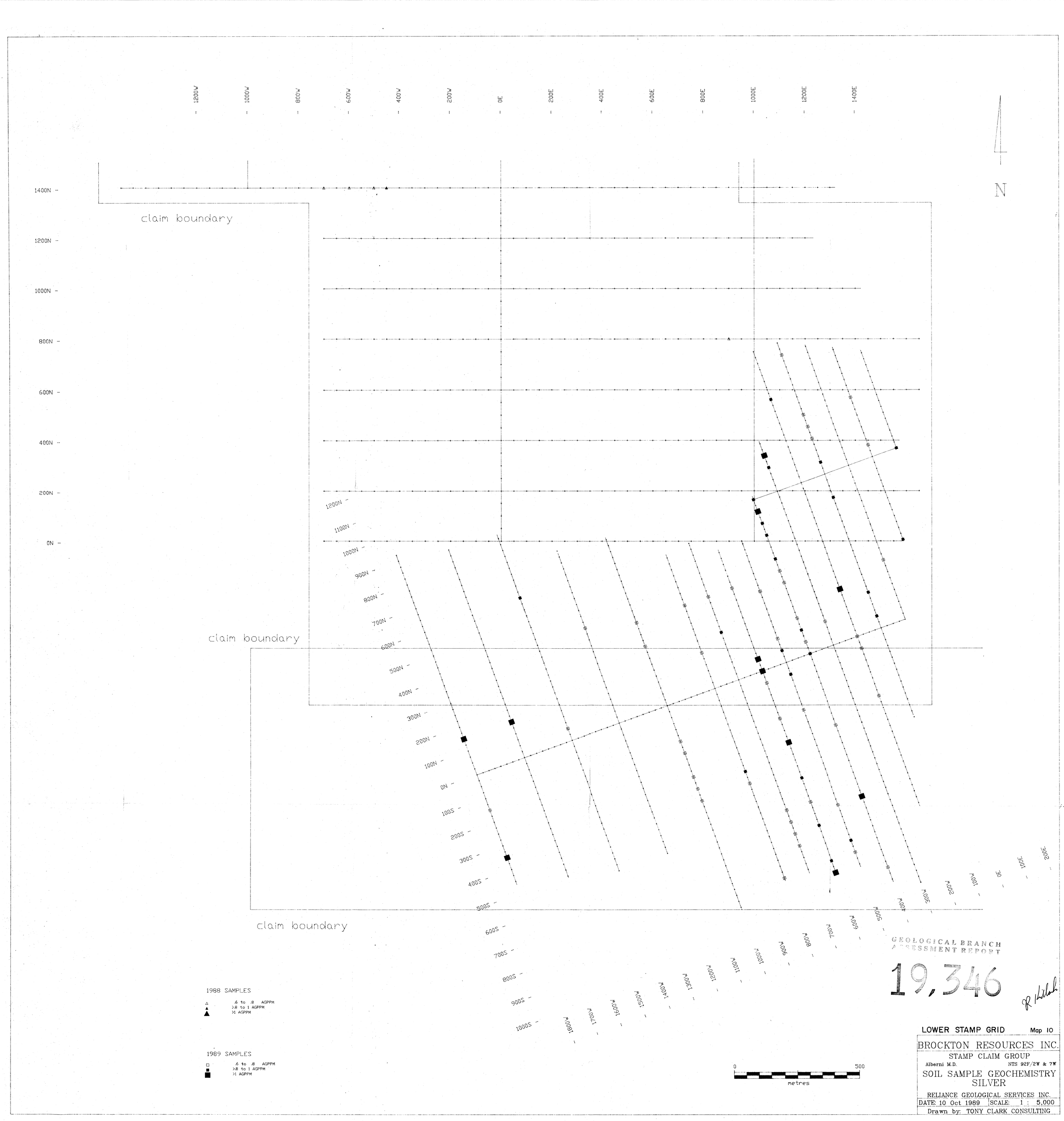
STAMP CLAIM GROUP

ALBERNI MINING DIVISION, B.C.

- North Half -

GEOLOGY and ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1:5000	N.T.S. 92 F/2
	Date Oct. 18 1989	Map 1
	Drawn	



LOWER STAMP GRID Map 10

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
SILVER

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 10 Oct 1989 | SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING

1200W
1000W
800W
600W
400W
200W
0E
200E
400E
600E
800E

claim boundary

4600N
4400N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2200N
2000N
1800N
1600N
1400N
1200N

claim boundary

N

1989 SAMPLES

All CUPPM

0 500
metres

UPPER STAMP GRID Map II

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

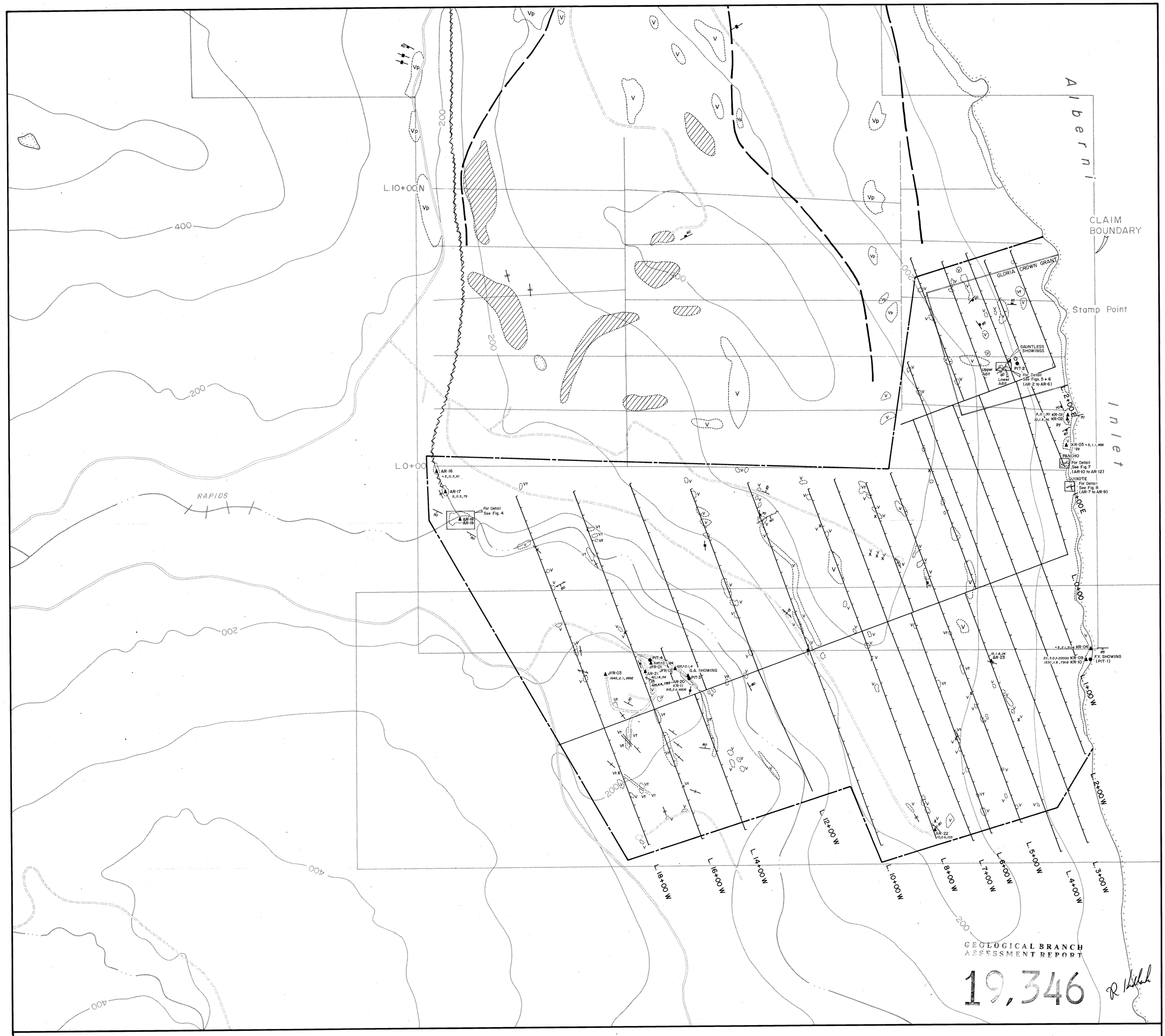
Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
COPPER

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 11 Oct 1989 | SCALE: 1 : 5000

Drawn by: TONY CLARK CONSULTING



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,346

LEGEND

GEOLOGY

TRIASSIC

KARMUTSEN FORMATION

V V V — Undifferentiated pillow lavas, massive andesite flows, tuffs, sills.

Vp - Porphorytic andesite and dacite

Vf - Pillowed andesite and basalt

Vt - Aphanitic, light coloured poorly bedded tuff

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- Strike and dip of bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Jointing (inclined, vertical)
- Outcrop
- Geological contact (assumed)
- Limit of 1989 mapping
- Adit
- Shaft
- Pit
- 1989 Blast pit
- KR-07 ▲ Au(ppb), Ag(ppm), Cu(ppm) — Rock sample location
- Fault approximate
- 1988 Flagged grid line
- 1989 Flagged grid line
- Road
- Swamp
- Creek
- Lake

0 50 100 200 300 400 metres

BROCKTON RESOURCES INC.

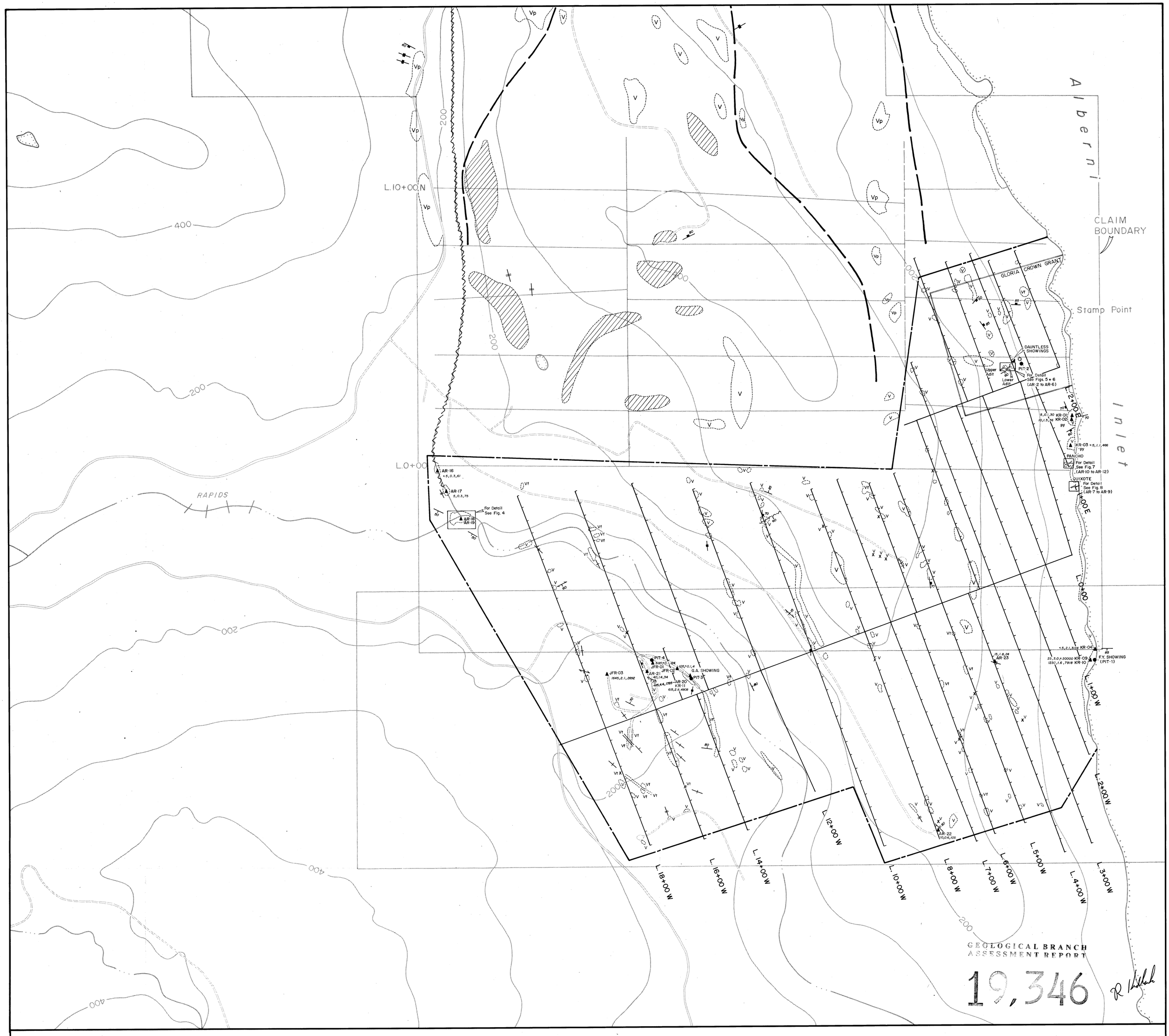
STAMP CLAIM GROUP

ALBERNI MINING DIVISION, B.C.

- South Half -

GEOLOGY and ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.	Scale 1 : 5000	N.T.S.	92 F/2
	Date Oct. 18 1989	Map	2
	Drawn		



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,346

LEGEND

GEOLOGY

TRIASSIC

KARMUTSEN FORMATION

V V V — Undifferentiated pillow lavas, massive andesite flows, tuffs, sills.

Vp - Porphorytic andesite and dacite

Vf - Pillowed andesite and basalt

Vt - Aphanitic, light coloured poorly bedded tuff

Altered metamorphosed volcanics (chlorite, epidote, iron oxides)

SYMBOLS

- Rusty quartz-calcite stringer (inclined, vertical)
- Strike and dip of bedding (inclined, vertical)
- Foliation (inclined, vertical)
- Jointing (inclined, vertical)
- Outcrop
- Geological contact (assumed)
- Limit of 1989 mapping
- Adit
- Shaft
- Pit
- 1989 Blast pit
- KR-07 ▲ Au(ppb), Ag(ppm), Cu(ppm) — Rock sample location
- Fault approximate
- 1988 Flagged grid line
- 1989 Flagged grid line
- Road
- Swamp
- Creek
- Lake

0 50 100 200 300 400 metres

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

ALBERNI MINING DIVISION, B.C.

- South Half -

GEOLOGY and ROCK SAMPLE LOCATIONS

RELIANCE GEOLOGICAL SERVICES INC.

Scale 1 : 5000 | N.T.S. 92 F/2

Date Oct. 18 1989 | Map 2

Drawn

1200W
1000W
800W
600W
400W
200W
0E
200E
400E
600E
800E

claim boundary

4600N
4400N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2200N
2000N
1800N
1600N
1400N
1200N

claim boundary

N

1989 SAMPLES

100 Au AuPPB

0 500
metres

R Killeen

UPPER STAMP GRID Map 3

BROCKTON RESOURCES INC.
STAMP CLAIM GROUP
Alberni M.D. NTS 92F/2W & 7W
SOIL SAMPLE GEOCHEMISTRY
GOLD
RELIANCE GEOLOGICAL SERVICES INC.
DATE: 10 Oct 1989 SCALE: 1 : 5000
Drawn by: TONY CLARK CONSULTING

1200W 1000W 800W 600W 400W 200W 0E 200E 400E 600E 800E

claim boundary

4600N
4400N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2200N
2000N
1800N
1600N
1400N
1200N

claim boundary

N

1988 SAMPLING

△ 15 to 30 AUPPB
▲ >30 TO 45 AUPPB
▲ >45 AUPPB

1989 SAMPLING

□ 15 to 30 AUPPB
■ >30 to 45 AUPPB
■ >45 AUPPB

0 500
metres

R Kidd

UPPER STAMP GRID Map 4

BROCKTON RESOURCES INC.
STAMP CLAIM GROUP
Alberni M.D. NTS 92F/2W & 7W
SOIL SAMPLE GEOCHEMISTRY
GOLD
RELIANCE GEOLOGICAL SERVICES INC.
DATE: 10 Oct 1989 SCALE: 1 : 5000
Drawn by: TONY CLARK CONSULTING

claim boundary

claim boundary

claim boundary

N

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,346

1989 SAMPLES

Ag All AUPPB

0 500
metres

LOWER STAMP GRID Map 5

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
GOLD

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 10 Oct 1989 | SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING

1200W 1000W 800W 600W 400W 200W 0E 200E 400E 600E 800E

claim boundary

4600N
4400N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2200N
2000N
1800N
1600N
1400N
1200N

claim boundary

N

1988 SAMPLES

△ 110 to 160 CUPPM
▲ >160 to 220 CUPPM
▲ 220+ CUPPM

1989 SAMPLES

□ 110 to 160 CUPPM
■ >160 to 220 CUPPM
■ >220 CUPPM

0 500
metres

R Kilbank

UPPER STAMP GRID Map 12

BROCKTON RESOURCES INC.
STAMP CLAIM GROUP
Alberni M.D. NTS 92F/2W & 7W
SOIL SAMPLE GEOCHEMISTRY
COPPER
RELIANCE GEOLOGICAL SERVICES INC.
DATE: 11 Oct 1989 SCALE: 1 : 5000
Drawn by: TONY CLARK CONSULTING

claim boundary

claim boundary

claim boundary

N

1988 SAMPLES

△ 15 to 30 AUPPB
▲ >30 TO 45 AUPPB
▲ >45 AUPPB

1989 SAMPLES

□ 15 to 30 AUPPB
■ >30 to 45 AUPPB
■ >45 AUPPB

0 500
metres

R Kidah

LOWER STAMP GRID Map 6

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
GOLD

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 10 Oct 1989 | SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING

1200W
1000W
800W
600W
400W
200W
0E
200E
400E
600E
800E

claim boundary

4600N
4400N
4200N
4100N
4000N
3900N
3800N
3700N
3600N
3500N
3400N
3300N
3200N
3100N
3000N
2900N
2800N
2700N
2600N
2500N
2400N
2200N
2000N
1800N
1600N
1400N
1200N

claim boundary

N

1989 SAMPLES

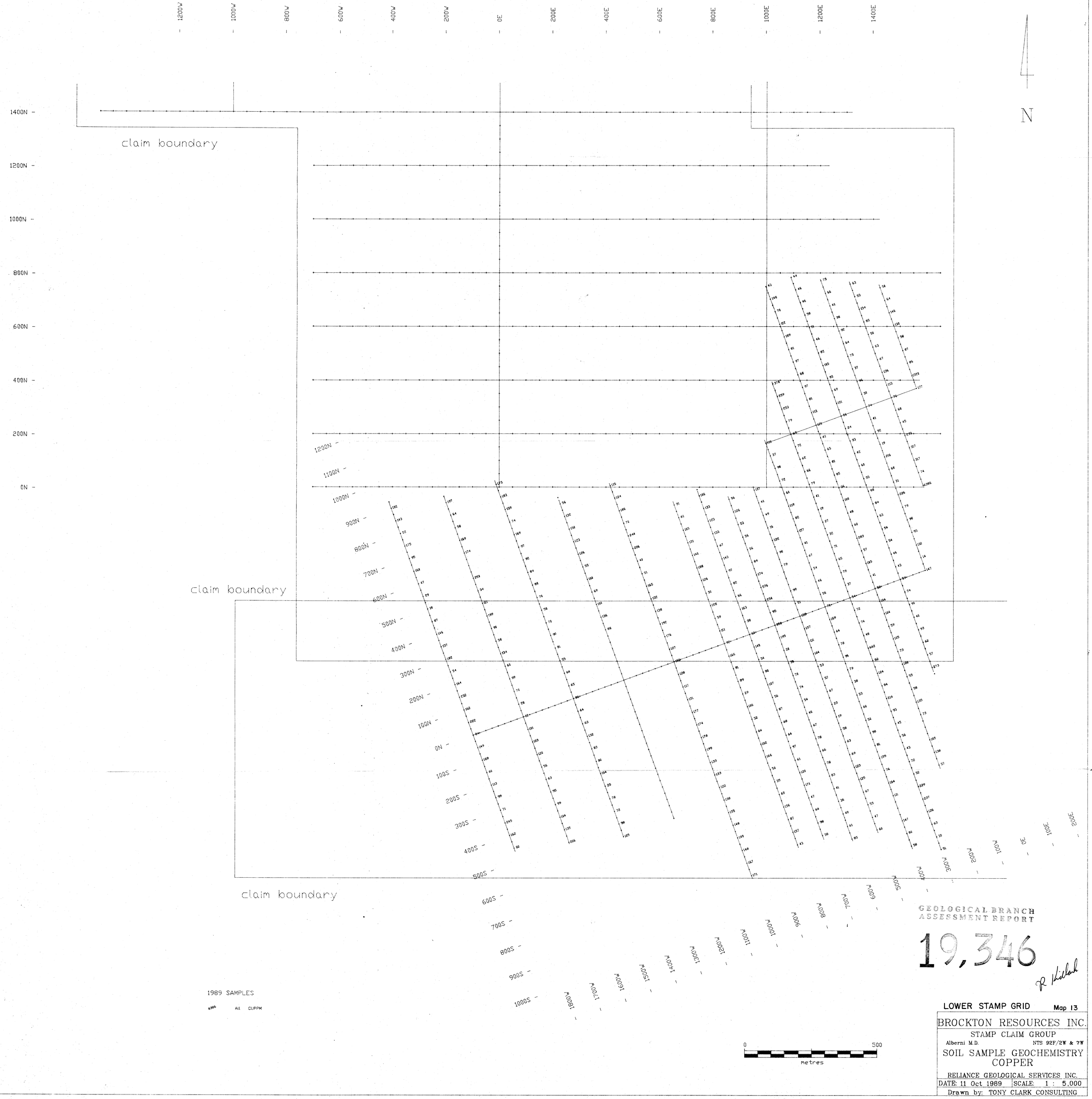
2.4 All AGPPM

0 500
metres

R Kilah

UPPER STAMP GRID Map 7

BROCKTON RESOURCES INC.
STAMP CLAIM GROUP
Alberni M.D. NTS 92F/2W & 7W
SOIL SAMPLE GEOCHEMISTRY
SILVER
RELIANCE GEOLOGICAL SERVICES INC.
DATE: 10 Oct 1989 | SCALE: 1 : 5000
Drawn by: TONY CLARK CONSULTING



GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,346

LOWER STAMP GRID Map 13

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
COPPER

RELIANCE GEOLOGICAL SERVICES INC.

DATE: 11 Oct 1989 | SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING

1200W 1000W 800W 600W 400W 200W 0E 200E 400E 600E 800E 1000E 1200E 1400E

N

1400N
1200N
1000N
800N
600N
400N
200N
0N

claim boundary

1200N
1100N
1000N
900N
800N
700N
600N
500N
400N
300N
200N
100N
0N
100S
200S
300S
400S
500S
600S
700S
800S
900S
1000S

claim boundary

claim boundary

1400W 1300W 1200W 1100W 1000W 900W 800W 700W 600W 500W 400W 300W 200W 100W 0E 100E 200E 300E

1988 SAMPLES

△ 110 to 160 CUPPM
▲ >160 to 220 CUPPM
▲ >220 CUPPM

1989 SAMPLES

□ 110 to 160 CUPPM
■ >160 to 220 CUPPM
■ >220 CUPPM

0 500
metres

LOWER STAMP GRID Map 14

BROCKTON RESOURCES INC.

STAMP CLAIM GROUP

Alberni M.D. NTS 92F/2W & 7W

SOIL SAMPLE GEOCHEMISTRY
COPPER

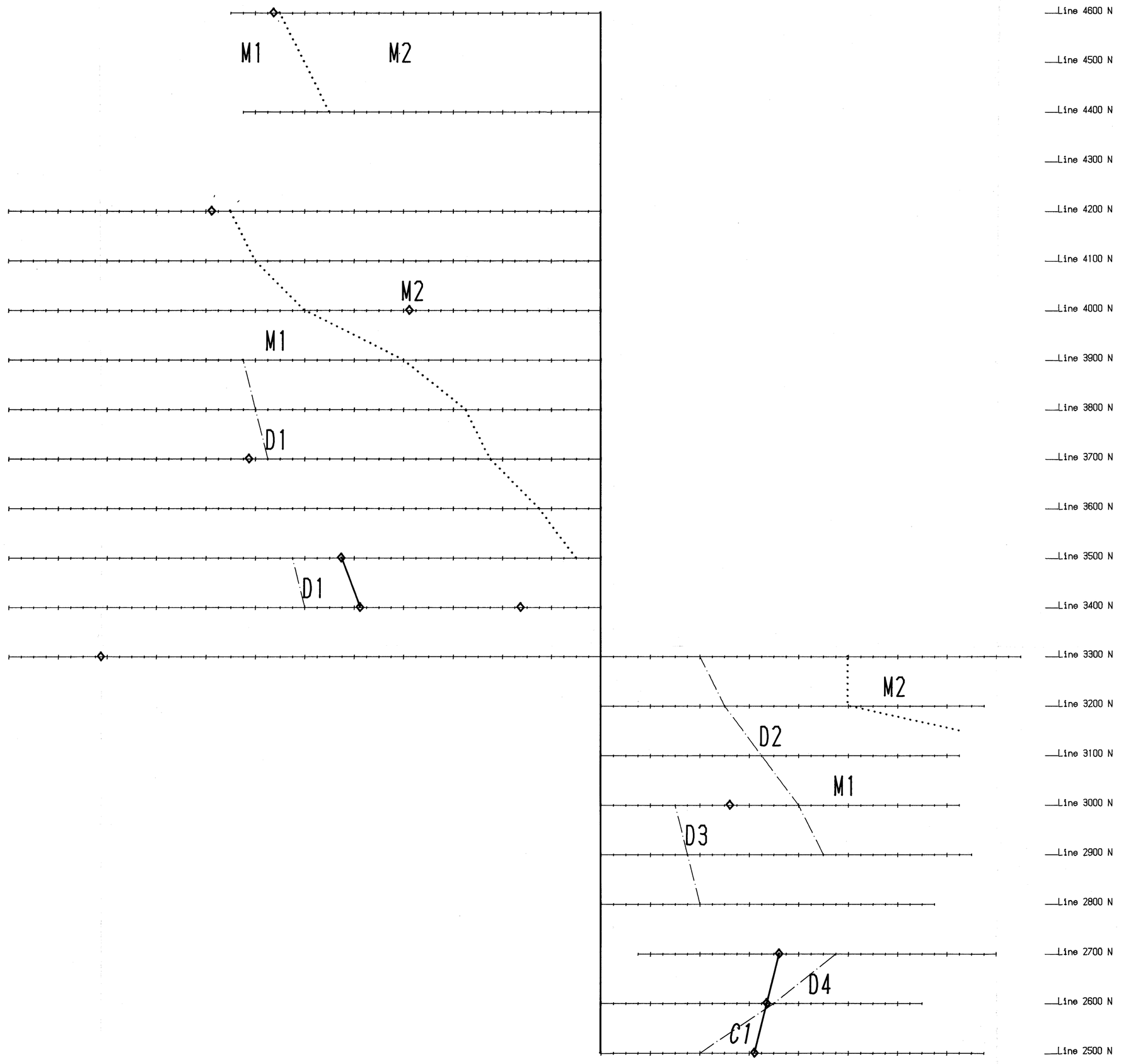
RELIANCE GEOLOGICAL SERVICES INC.

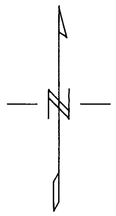
DATE: 11 Oct 1989 SCALE: 1 : 5,000

Drawn by: TONY CLARK CONSULTING

1000 W | 750 W | 500 W | 250 W | 0 | 250 E | 500 E | 750 E

Line 4600 N
Line 4500 N
Line 4400 N
Line 4300 N
Line 4200 N
Line 4100 N
Line 4000 N
Line 3900 N
Line 3800 N
Line 3700 N
Line 3600 N
Line 3500 N
Line 3400 N
Line 3300 N
Line 3200 N
Line 3100 N
Line 3000 N
Line 2900 N
Line 2800 N
Line 2700 N
Line 2600 N
Line 2500 N





Scale 1:5000
50 0 50 100 150 200 250
(metres)

GEOLOGICAL BRANCH
ASSESSMENT REPORT

19,546

LEGEND.

- VLF-EM Conductor
- Magnetic Lineament
- M1 / M2 Magnetic Unit Boundary

Map 17

BROCKTON RESOURCES INC.

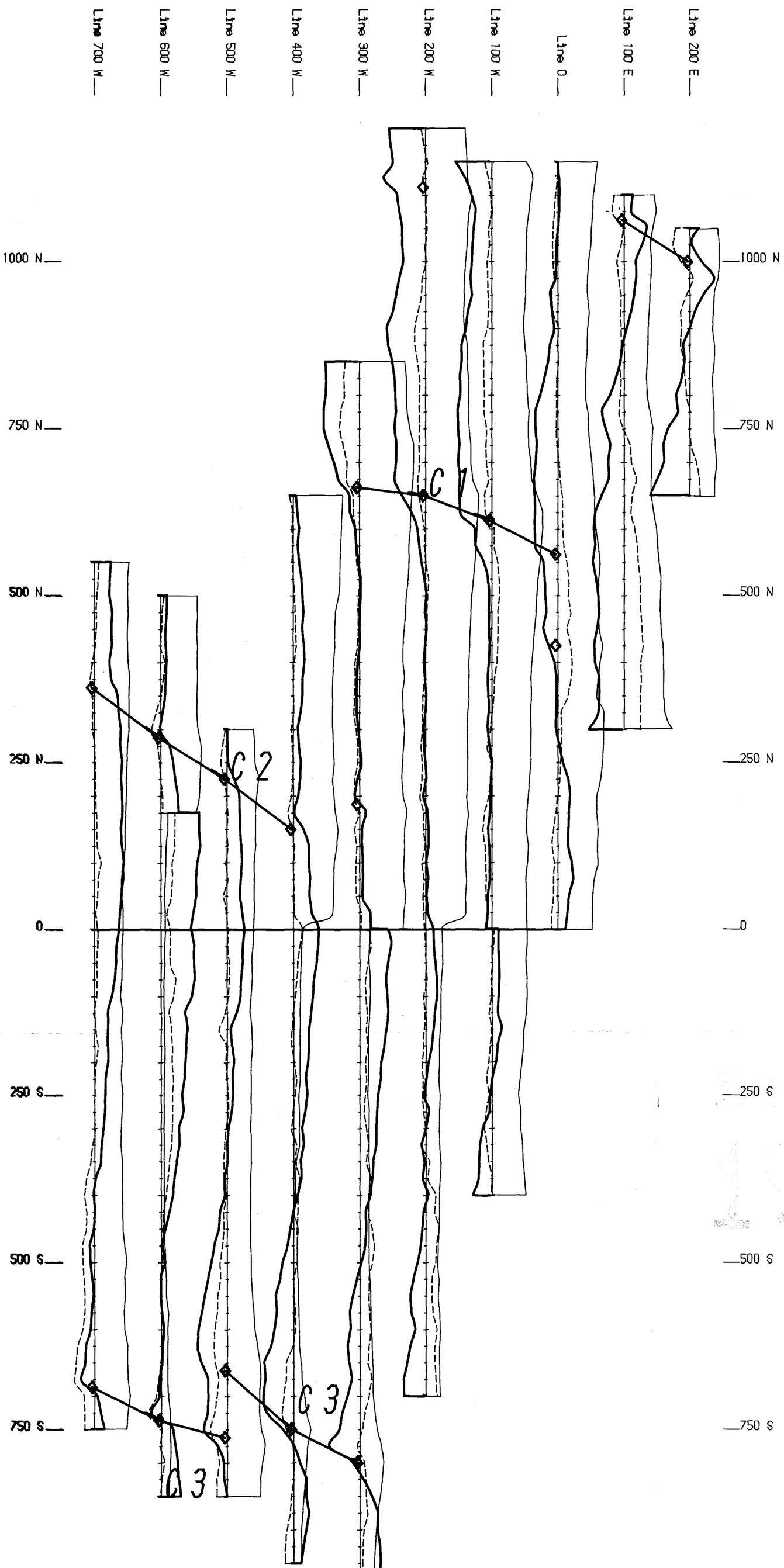
Geophysical Interpretation Map

UPPER STAMP GRID

Stamp Claim Group
NTS: 92 F/2 Alberni Mining Division, B.C.
Figure # G-4 September, 1989

Interpretex Resources Ltd.

R Kirkham



Scale 1:5000

50 0 50 100 150 200 250 (metres)

LEGEND

Anomalous Inflection (In-Phase)

In-Phase

Quadrature

} 1 cm. = 20 %

VLF-EM Conductor

Map 18

BROCKTON RESOURCES INC.

VLF-EM Profiles

NSS, Annapolis, Md.

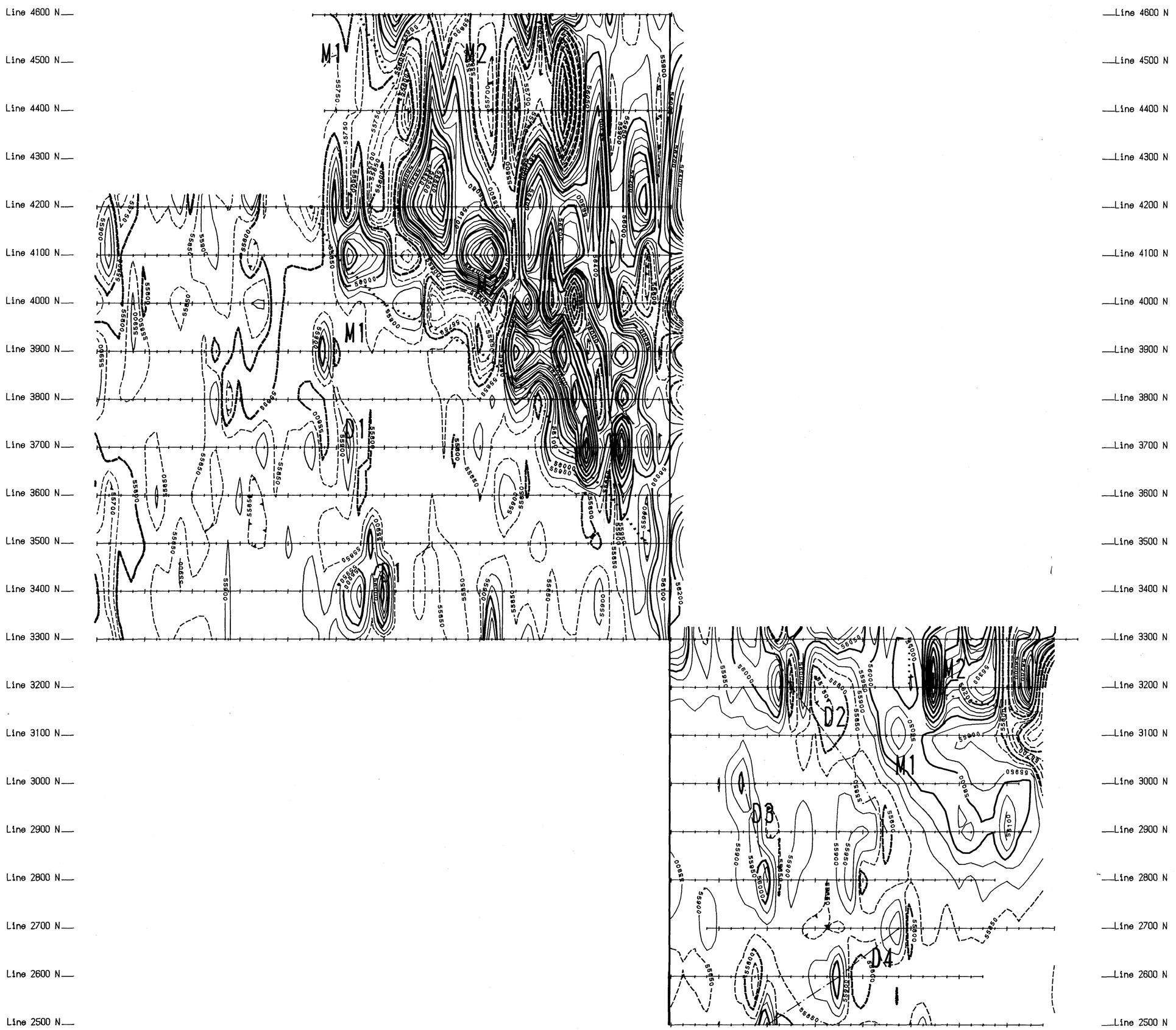
LOWER STAMP GRID

Stamp Claim Group

NTS: 92 F/2 Alberni Mining Division, B.C.

Figure # G-5 September, 1989

Interpretex Resources Ltd.



N

Scale 1:5000

50 0 50 100 150 200 250

(metres)

LEGEND.

Contour Interval

< 58600 nT	> 58600 nT	
----	———	50 nT
- - -	———	200 nT

Magnetic Lineament

M1 ..... M2 Magnetic Unit Boundary

Map 16

BROCKTON RESOURCES INC.

Total Field Magnetic Contours

UPPER STAMP GRID

Stamp Claim Group

NTS: 92 F/2 Alberni Mining Division, B.C.

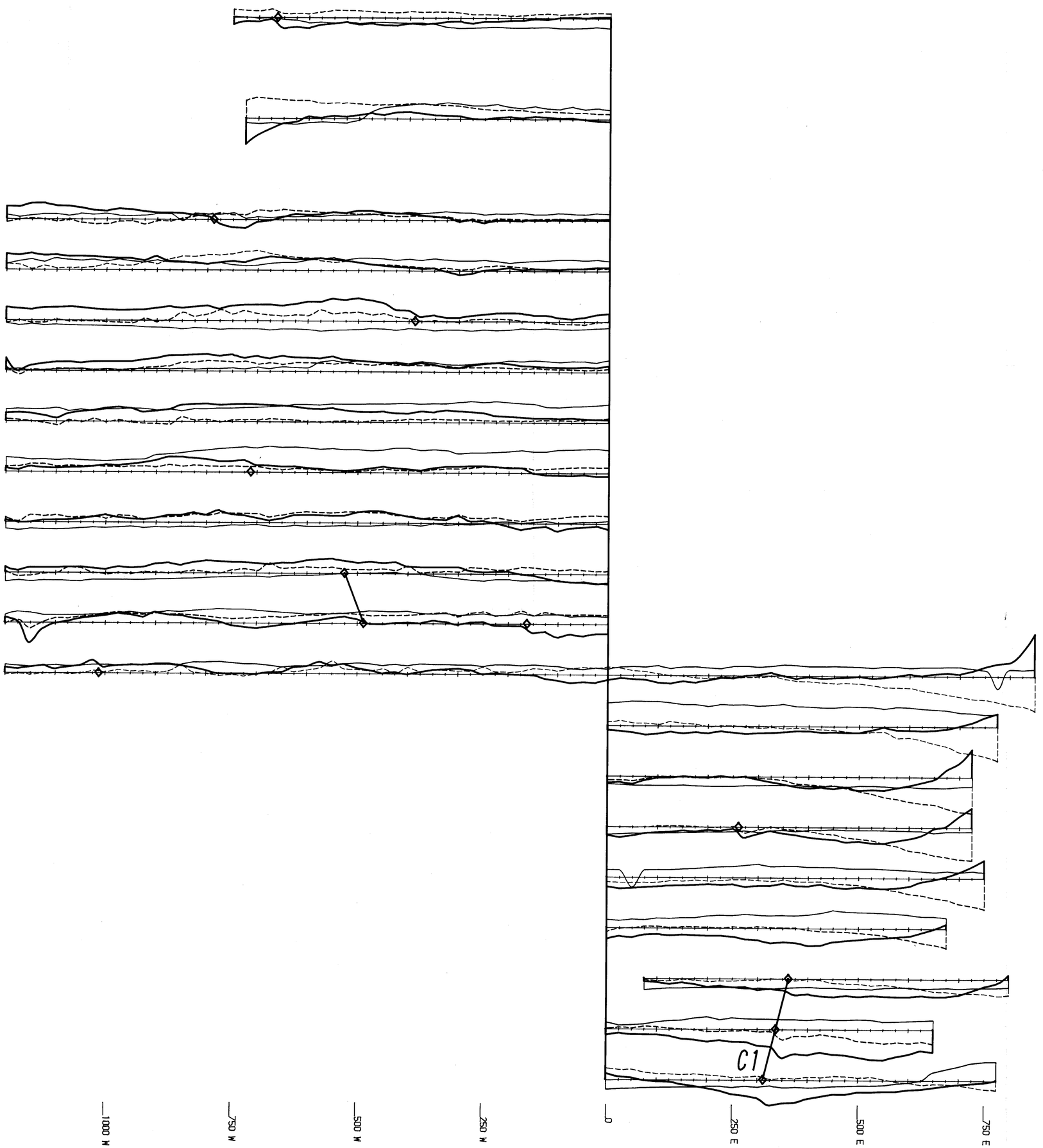
Figure # G-4 September, 1989

Interpretex Resources Ltd.

R Killeen

1000 W | 750 W | 500 W | 250 W | 0 | 250 E | 500 E | 750 E

Line 4600 N
Line 4500 N
Line 4400 N
Line 4300 N
Line 4200 N
Line 4100 N
Line 4000 N
Line 3900 N
Line 3800 N
Line 3700 N
Line 3600 N
Line 3500 N
Line 3400 N
Line 3300 N
Line 3200 N
Line 3100 N
Line 3000 N
Line 2900 N
Line 2800 N
Line 2700 N
Line 2600 N
Line 2500 N



Line 4600 N
Line 4500 N
Line 4400 N
Line 4300 N
Line 4200 N
Line 4100 N
Line 4000 N
Line 3900 N
Line 3800 N
Line 3700 N
Line 3600 N
Line 3500 N
Line 3400 N
Line 3300 N
Line 3200 N
Line 3100 N
Line 3000 N
Line 2900 N
Line 2800 N
Line 2700 N
Line 2600 N
Line 2500 N

Scale 1:5000
50 0 50 100 150 200 250 (metres)

LEGEND

Anomalous Inflection (In-Phase)
In-Phase
Quadrature
1 cm. = 20 %
Field Strength 1 cm. = 10 units
VLF-EW Conductor

Map 15

BROCKTON RESOURCES INC.

VLF-EM Profiles
NPW, Lualualei, Hw.

UPPER STAMP GRID
Stamp Claim Group
NTS: 92 F/2 Alberni Mining Division, B.C.
Figure # G-1 September, 1989

Interpretex Resources Ltd.