

**GEOLOGICAL, GEOCHEMICAL AND GEOPHYSICAL REPORT**

on the

**S 1 to 48 CLAIMS**

**Logan Lake Area  
Kamloops Mining Division**

**92I-7E**

**(50° 26' North Latitude, 120° 37' West Longitude)**

for

**GOLDCLIFF RESOURCE CORPORATION**

6976 Laburnum Street

Vancouver, BC

V6P 5M9

(Owner and Operator)

by

**GRANT F. CROOKER, P.Geo.,  
CONSULTING GEOLOGIST**

November, 1996

24862

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**GEOLOGICAL SURVEY BRANCH**  
**ASSESSMENT REPORT**  
November, 1996

24,862

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## 1.0 SUMMARY AND RECOMMENDATIONS

The Plug project consists of 48 two post mineral claims (S Claims) located in the Kamloops Mining Division. It is located approximately 14 kilometres east of Logan Lake in southern British Columbia and is owned and operated by Goldcliff Resource Corporation of Vancouver BC.

The general area of Kamloops-Merritt has been the scene of intense exploration and mining activity for over 100 years. The exploration culminated with the discovery and development of the bulk tonnage copper-molybdenum deposits at Craigmont, Afton and Highland Valley.

Exploration has been carried out in the vicinity of the Plug project since the late 1880's with six mineral occurrences (Figure 3.0) having been documented. These include the Bertha/Molly, Chatrandts, JHC, Rhyolite, Pom Pom and Plug. Shaft sinking, trenching, drilling, prospecting and geological, geochemical and geophysical surveys have been carried out over the showings.

The S claims cover the area of the Plug and Meadow showings. Upper Triassic Nicola volcanic and sedimentary rocks with minor intrusives underlie the claims. Percussion drilling was carried out over coincidental geological, geochemical and geophysical targets in 1972 to test for copper and silver? mineralization. The results are unknown but are assumed to be uneconomic. This drilling did show that in excess of 80 feet of overburden covers some areas of the S claims.

During the period 1986 through 1988 Western Resource Technologies Inc. carried out geological mapping, prospecting, soil geochemical sampling and magnetic and VLF-EM surveying over the Meadow Creek grid (Figure 4.0). These programs outlined a number of weak to moderate gold soil geochemical anomalies with values up to 700 ppb gold. Several silver and copper soil geochemical anomalies were also outlined.

Prospecting and sampling of the old trenches at the Plug showing revealed weak to strong carbonate-quartz alteration with minor fuchsite over several hundred metres. A grab sample of the mineralization yielded gold and silver values of 7500 ppb (0.282 oz/ton) and 67.5 ppm respectively and two soil samples taken from the same trench gave 70 and 150 ppb gold.

Two grab samples of quartz-carbonate-fuchsite schist with galena and sphalerite from the Meadow showing yielded 605 and 482 ppb gold and 165.1 and 258.4 ppm silver.

Sampling of the Plug showing by Goldcliff Resource Corporation personnel in the fall of 1995 gave gold values ranging from 0.060 to 2.620 grams per tonne and silver values ranging from 1.8 to 114.5 grams per tonne. The positive results of this sampling prompted the staking of the S claims.

The 1996 work program consisted of establishing grid lines over most of the property and carrying out soil geochemical sampling and magnetic and VLF-EM geophysical surveys over them. Silt geochemical sampling and a limited amount of prospecting were also carried out over the property.

The silt sampling program was very successful with 11 of 25 samples giving anomalous gold values. Anomalous gold values came from below the Plug and Meadow showings on Meadow Creek, Hay Brook and the northwesterly flowing drainages in the southeastern portion of the property. Four of the samples from the northwesterly flowing drainages were also anomalous in copper.

Gold soil geochemical values were generally low, with no broad, contiguous anomalies outlined. However, four areas do show clustering of values and these areas have been indicated as gold geochemical anomalies. The gold anomalies do not occur coincidentally with the mercury and copper anomalies.

Two weak to moderate mercury soil geochemical anomalies were outlined. These two anomalies are made up of clusters of small, contiguous mercury anomalies. Mercury appears to have moderate correlation with copper. Copper was the most strongly anomalous of all elements, and three weak to strong anomalies were outlined. Copper appears to have little correlation with gold, but moderate to strong correlation with mercury. The strongest copper and mercury anomalies occur in the southeastern portion of the property.

The geophysical surveys indicated a number of significant magnetic and electromagnetic features. The Plug showing occurs within interpreted intrusive or volcanic rock and appears to be associated with a weak magnetic high, VLF conductivity and an interpreted fault intersection in the centre of the detail grid area. VLF conductors in the detail grid area vary from strong to weak, are of short strike length and are near surface, possibly reflecting the mineralization within the detail grid.


The Meadow showing appears to be in a more complex structural, conductive and alteration environment. The mineralization may be related to conductivity within a northeast trending fault. This conductor and fault form the northern boundary between the unaltered intrusive material and the interpreted altered intrusive or volcanic rock. An east-west and a northwest interpreted lineament appear to form a triangular structural pattern which may provide structural traps for mineralization in this region. A small conductor may be associated with the southeast corner of the intersection triangle.

The geochemical and geophysical surveys conducted over the property yielded positive results and further work is warranted.

Recommendations are as follows:

- 1) Geological mapping should be completed over the property.
- 2) Prospecting should be carried out over the silt and soil geochemical anomalies as well as the geophysical anomalies to determine their significance.
- 3) The Plug and Meadow showings should be investigated by trenching to determine the precious metal content and dimensions of the mineralization.

Respectfully submitted,



Grant Crooker, P. Geo.,  
Consulting Geologist



## **2.0 INTRODUCTION**

### **2.1 GENERAL**

Field work was carried out on the Plug project by Goldcliff Resource Corporation personnel from June 10th to October 25, 1996. Personnel consisted of Lee Mollison, Mike Harris, Reg Barber and Jaimee Barber, field assistants. The work program was supervised by Grant F. Crooker, P. Geo., consulting geologist.

The work program consisted of establishing grid lines and carrying out soil geochemical sampling and magnetic and VLF-EM geophysical surveying over the grid. Silt geochemical sampling was also carried out over the major drainages, as well as a limited amount of prospecting.

### **2.2 LOCATION AND ACCESS**

The property (Figure 1.0) is located approximately 14 kilometres east of Logan Lake in southern British Columbia. It lies between 50°25'40" and 50°27'40" north latitude and 120°34'30" and 120°39'50" west longitude (NTS 92I-7E).

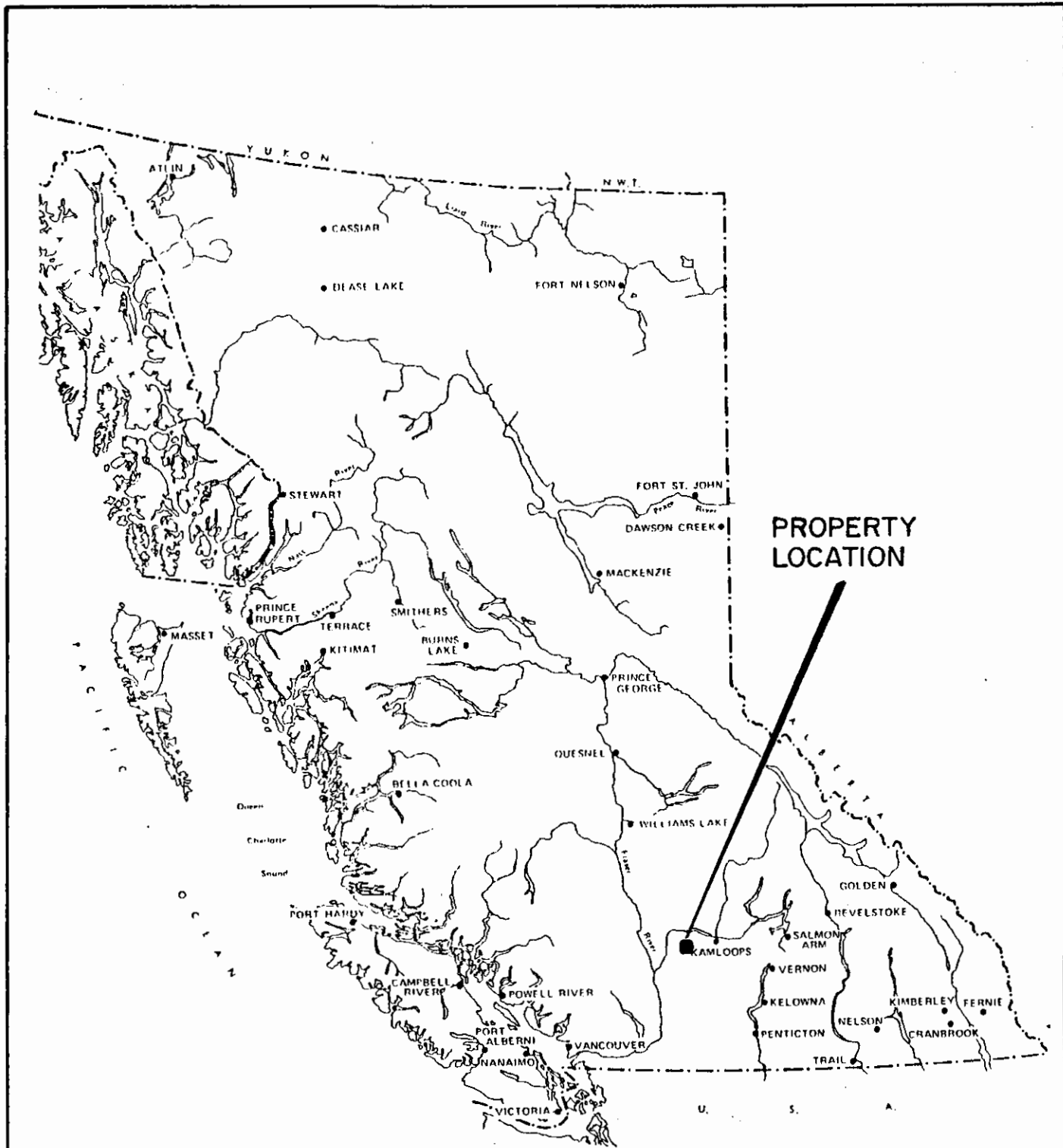
A network of paved, gravel and dirt roads (Figure 2.0) give excellent access to all areas of the claims. The Logan Lake-Kamloops highway passes through the northern portion of the claims. The Surrey Lake Forest Access road turns off this highway 14 kilometres east of Logan Lake and cuts through the centre of the claims. Four wheel drive roads access the Plug and Meadow showings, as well as other areas from the Surrey Lake road.

The Coquihalla highway and the Ridge Mountain Forest Access road give access to the southeastern and eastern portions of the claims.

### **2.3 PHYSIOGRAPHY**

The property is located in the Interior Plateau of southern British Columbia. Topography is gentle to steep and elevation varies from 1180 to 1646 metres above sea level. Meadow Creek drains through the claims and numerous swamps and meadows are found along the creek. Snowfall is not excessive and water is usually available from the creek and swamps.

Vegetation consists of swamps, open grassy meadows and forest covered areas. The forested areas vary from aspen and spruce to jackpine and fir.



**PROPERTY  
LOCATION**



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GOLDCLIFF RESOURCE CORPORATION**

**PLUG PROJECT, S CLAIMS  
LOCATION MAP**

**KAMLOOPS M.D., B.C.**



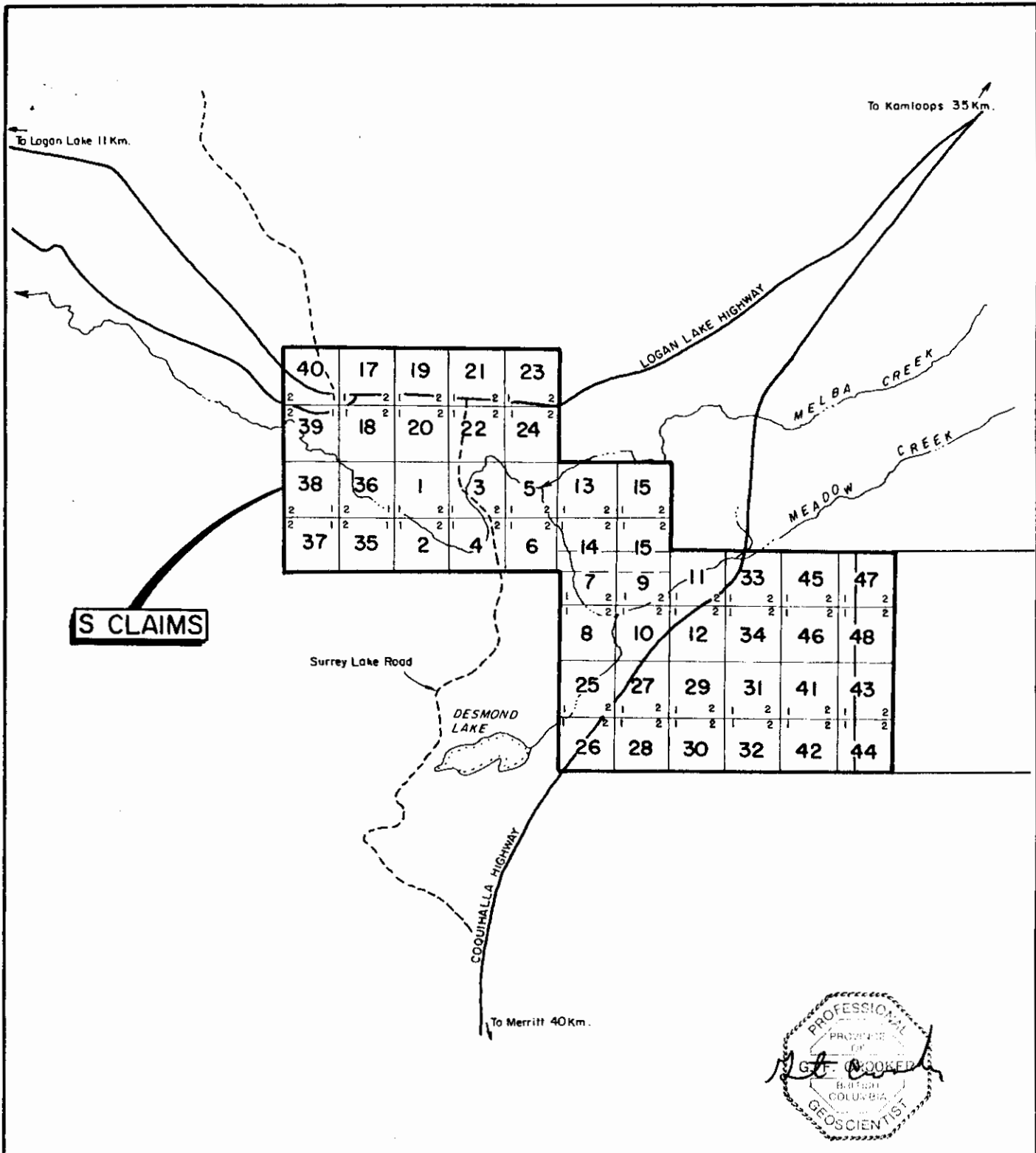
DATE: NOV. 1996	SCALE: AS SHOWN	FIGURE: 1.0
DRAWN BY: G.F.C.	N.T.S.: 921-7E	

## 2.4 PROPERTY AND CLAIM STATUS

The S mineral claims (Figure 2.0) are owned by Goldcliff Resource Corporation, 6976 Laburnum Street Vancouver BC, V6P 5M9.

The property consists of forty-eight two post claims and is located in the Kamloops Mining Division.

Claim	Units	Mining Division	Tenure No.	Record Date m/d/y	New Expiry Date
S-1	1	Kamloops	341654	11/01/95	11/01/06*
S-2	1	Kamloops	341655	11/01/95	11/01/06*
S-3	1	Kamloops	341656	11/01/95	11/01/06*
S-4	1	Kamloops	341657	11/01/95	11/01/06*
S-5	1	Kamloops	341658	11/01/95	11/01/06*
S-6	1	Kamloops	341659	11/01/95	11/01/06*
S-7	1	Kamloops	341660	11/01/95	11/01/06*
S-8	1	Kamloops	341661	11/01/95	11/01/06*
S-9	1	Kamloops	341662	11/01/95	11/01/06*
S-10	1	Kamloops	341663	11/01/95	11/01/06*
S-11	1	Kamloops	341664	11/01/95	11/01/06*
S-12	1	Kamloops	341665	11/01/95	11/01/06*
S-13	1	Kamloops	341666	11/04/95	11/04/06*
S-14	1	Kamloops	341667	11/04/95	11/04/06*
S-15	1	Kamloops	341668	11/04/95	11/04/06*
S-16	1	Kamloops	341669	11/04/95	11/04/06*
S-17	1	Kamloops	344644	03/25/96	03/25/06*
S-18	1	Kamloops	344645	03/25/96	03/25/06*
S-19	1	Kamloops	344646	03/25/96	03/25/06*
S-20	1	Kamloops	344648	03/29/96	03/29/06*
S-21	1	Kamloops	344648	03/29/96	03/29/06*
S-22	1	Kamloops	344649	03/29/96	03/29/06*
S-23	1	Kamloops	344650	03/29/96	03/29/06*
S-24	1	Kamloops	344651	03/29/96	03/29/06*
S-25	1	Kamloops	344652	03/26/96	03/26/06*
S-26	1	Kamloops	344653	03/26/96	03/26/06*



3	3 - S-3 Claim
1	1 - Initial post
2	2 - Final post



GEOTEC CONSULTANTS LTD.		
GOLDCLIFF RESOURCE CORPORATION		
PLUG PROJECT, S CLAIMS		
CLAIM MAP		
KAMLOOPS M.D., B.C.		
DATE: NOV. 1996	SCALE: 1:50,000	FIGURE: 2.0
DRAWN BY: G.F.C.	N.T.S.: 921-7E	

S-27	1	Kamloops	344654	03/26/96	03/26/06*
S-28	1	Kamloops	344655	03/26/96	03/26/06*
S-29	1	Kamloops	344655	03/26/96	03/26/06*
S-30	1	Kamloops	344657	03/26/96	03/26/06*
S-31	1	Kamloops	344658	03/26/96	03/26/06*
S-32	1	Kamloops	344659	03/26/96	03/26/06*
S-33	1	Kamloops	344660	03/29/96	03/29/06*
S-34	1	Kamloops	344661	03/29/96	03/29/06*
S-35	1	Kamloops	346479	05/29/96	05/29/06*
S-36	1	Kamloops	346480	05/29/96	05/29/06*
S-37	1	Kamloops	346481	05/29/96	05/29/06*
S-38	1	Kamloops	346482	05/29/96	05/29/06*
S-39	1	Kamloops	346483	05/29/96	05/29/06*
S-40	1	Kamloops	346484	05/29/96	05/29/06*
S-41	1	Kamloops	346485	06/03/96	06/03/06*
S-42	1	Kamloops	346486	06/03/96	06/03/06*
S-43	1	Kamloops	346487	06/03/96	06/03/06*
S-44	1	Kamloops	346488	06/03/96	06/03/06*
S-45	1	Kamloops	346489	06/04/96	06/04/06*
S-46	1	Kamloops	346490	06/04/96	06/04/06*
S-47	1	Kamloops	346492	06/04/96	06/04/06*
S-48	1	Kamloops	346491	06/04/96	06/04/06*

**TABLE I - CLAIM DATA**

\* Upon acceptance of this report.

## **2.5 AREA AND PROPERTY HISTORY**

The Kamloops-Merritt-Logan Lake area has been the scene of intense exploration activity over the past 100 years. This activity culminated with the discovery and development of the porphyry copper-molybdenum mines in the Highland Valley, the Craigmont mine near Merritt and the Afton mine near Kamloops, beginning in the 1960's. Small mines with good copper-gold values were worked south of Kamloops Lake in earlier days..



Prospecting and development has been carried out in the vicinity of the S claims for almost 100 years. The documented showings near the property (Figure 3.0) are the Bertha/Molly, JHC, Pom Pom, Chatrandts and Rhyolite. The S claims cover the former Plug property, now referred to as the Plug and Meadow showings (Meadow Creek grid).

Shaft sinking, trenching, drilling, prospecting, and geophysical and geochemical surveys have been carried out on the properties near the S claims. A brief summary of the showings is given below.

### **Bertha/Molly Showing**

This showing was first staked in 1988 by Wright and Fletcher. A shaft was sunk on the main showing (No. 1 Showing) and lodes 3 feet to 4.5 feet in thickness were discovered. In 1928 Meadow Creek mines worked the Number 1 Showing and a few tons of high grade copper ore were sorted for shipment. Dunmore Mines Ltd. carried out road building, trenching and diamond drilling in 1954. A small mill was erected but the supergene copper minerals were not amenable to gravity concentration. Dunmore mines drilled 17 diamond drill holes in 1957 and Hemsworth reported that the holes encountered only sparse mineralization.

Highhawk Mines Ltd. and Consolidated Standard mines Ltd. acquired ground in the vicinity in 1972. Approximately 17 line miles of grid was established northwest of Dupont Lake to encompass Showings Number 2 and 4. Soil geochemical and Induced Polarization surveys were conducted and two diamond drill holes totalling 750 feet were drilled to test IP anomalies flanking copper geochemical responses. Both holes encountered fracture related copper mineralization but the holes were not assayed and the claims were allowed to lapse.

### **JHC SHOWING**

Vanex Minerals Ltd. acquired claims covering the JHC showing in 1958. They conducted magnetic surveys and physical work under the direction of Hill, Stark and Associates, consulting Engineers. In 1959 Vanex drilled two holes in the JHC area:

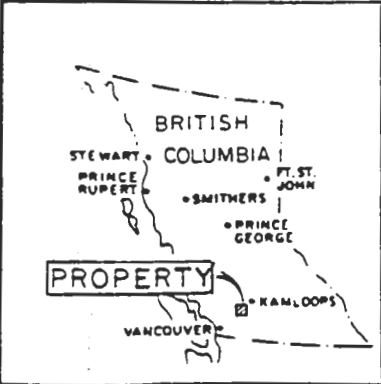
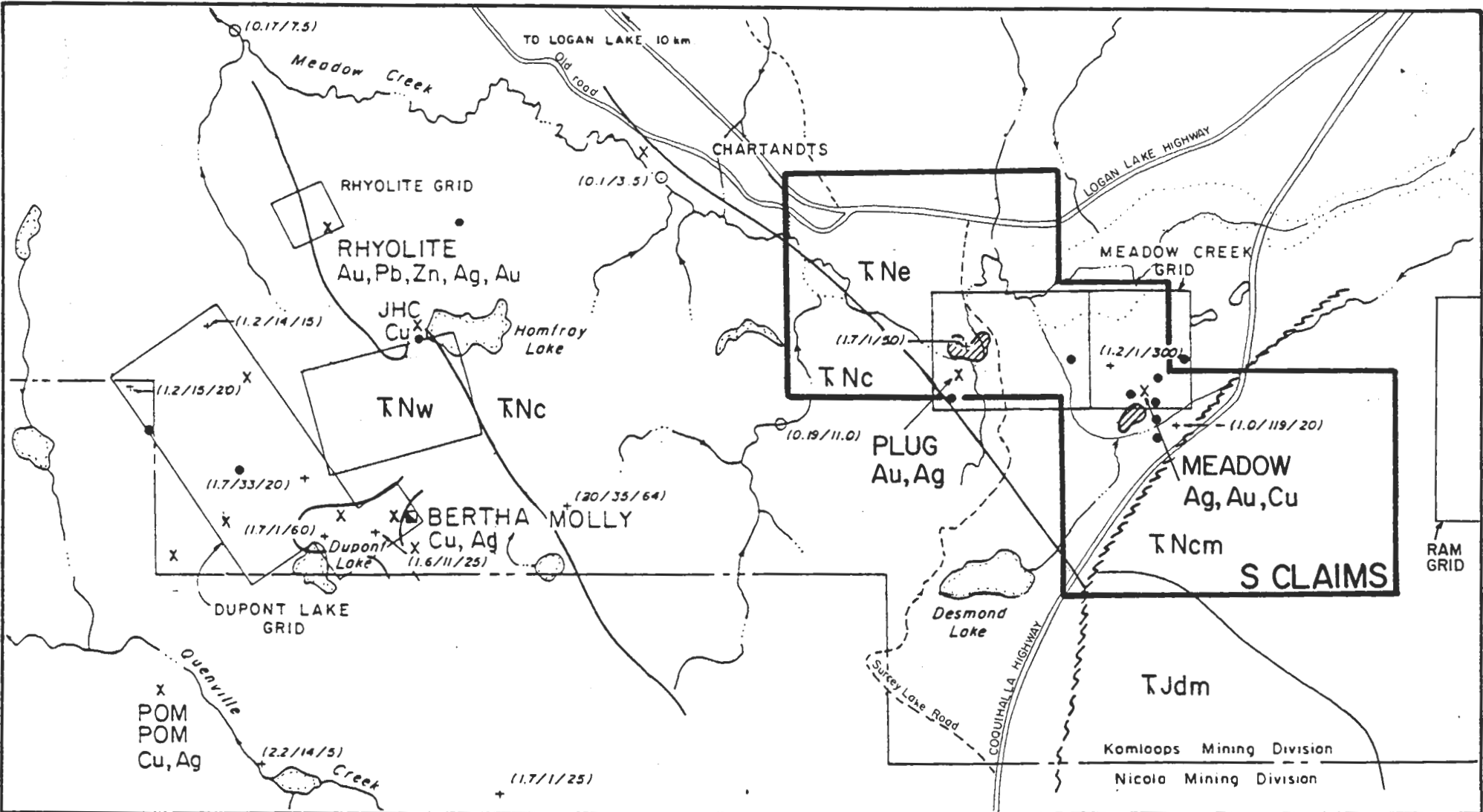
#### **Hole No. 1**

This hole was located approximately 3000 feet north of Homfray Lake and was drilled vertically to a depth of 358 feet to test a magnetic high. The lower portion of the hole encountered a silicious, altered grey-green rock with considerable pyrite. No assays were reported but the recommendation was made to extend the hole to 1000 feet.

#### **Hole No. 2**

This hole was located on the west shore of Homfray Lake and was drilled at minus 45 degrees to a depth of at least to 293 feet. Altered volcanics were noted but no mineralization was reported and no reason given for drilling the hole.

CHONG

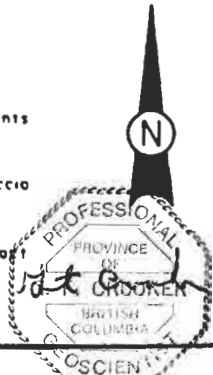


**LEGEND**

- Anomalous Regional Silts (Ag/As)
- X Mineralized Showings
- Adit
- Drill Holes
- + Anomalous Geochem. (Ag/As/Au)
- ▭ Survey Grids
- ▨ Alteration Zones

**GEOLOGY**

- NICOLA GROUP
- TNw Tufts & Sediments
- TNc Basic Flows
- TNe Porphyry & Breccio
- TJdm Diorite
- Geological Contact
- ~ Fault



GEOTEC CONSULTANTS LTD.  
 GOLDCLIFF RESOURCE CORPORATION  
**PLUG PROJECT, S CLAIMS  
 COMPILATION MAP**  
 KAMLOOPS M.D., B.C.

0 1 2 3 KM.

DATE: NOV. 1996	SCALE 1:50,000	FIGURE: 3.0
DRAWN BY: G.F.C.	N.T.S. '921-7E	

Craigmont Mines Limited staked claims in the area of the JHC showing in 1970. A small survey consisting of geological mapping, geochemical sampling and magnetic and IP surveying was conducted. Two holes totalling 800 feet were drilled but the location and results of the drilling are unknown.

### **Pom Pom Showing**

Newmont Mining Corporation of Canada staked the Pom Pom claims in 1973 after copper mineralization grading 0.17% copper was discovered. A small grid was established and mapping, soil geochemical sampling, magnetic and IP surveying (one line mile) were conducted. Follow up investigations were not conducted.

### **Chatrandts Showing**

The Minister of Mines Report for 1916 describes the showing as consisting of several deep open cuts and a 40 foot long adit. The location is not well documented and no further information is available on the showing.

### **Plug Showing**

The S claims cover the old Plug showings, (Meadow Creek grid) now referred to as the Plug showing (west showing) and Meadow showing (east showing). A description of the historical information available on the area is given below.

In 1972 Texada Mines Ltd. conducted geological mapping, magnetic and induced polarization surveying and soil geochemical sampling (copper, zinc and silver) over 14 line miles of grid. The coincidental targets were percussion drilled with eight holes totalling 1400 feet. This work identified and concentrated on two zones of interest that are now referred to as the Plug and Meadow showings.

The Plug showing is described as being underlain by altered lapilli tuff, minor lenses of limey sediments and chloritic schist. Narrow hornblende and andesite sills cut the sediments and volcanics. A quartz-carbonate-mariposite? schist with a N20°W strike and a steep easterly dip is in contact with the chloritic schist. One percussion drill hole tested the zone and encountered altered volcanic rocks with no visible mineralization.

The Meadow showing is underlain by chlorite mica feldspar schist and a highly pyritic quartz feldspar porphyry. Narrow hornblende and andesite sills cut the other rock types.

A five to ten foot wide zone of quartz-mariposite schist (east-west strike, dip 75°south) occurs within the chlorite mica feldspar schist and contains minor silver bearing galena, sphalerite and chalcopryrite. During 1959 several AX diamond drill holes tested this zone, but the results are unknown.

A highly pyritized quartz feldspar porphyry with minor chalcopyrite outcrops along Meadow Creek. This zone was tested by seven percussion drill holes that did not yield economic copper mineralization. An irregular, steeply south and east plunging pyritized quartz feldspar porphyry sill with a maximum thickness of 100 feet was encountered in the holes. One of the percussion drill holes encountered over 80 feet of overburden.

During the period 1985 through 1988 Western Resource Technologies Inc. carried out extensive work programs on the Rhyolite, Dupont Lake and Meadow Creek grids (Figure 3.0) and associated showings. A silt sampling program was carried out over all drainages covered by the WRT claims. Soil and rock geochemical sampling, prospecting and magnetic and VLF-EM surveying were carried out over the grids. Anomalous copper, lead, zinc, gold, silver and arsenic values were found in silt and soil samples. As well, a number of VLF-EM conductors and magnetic trends were found.

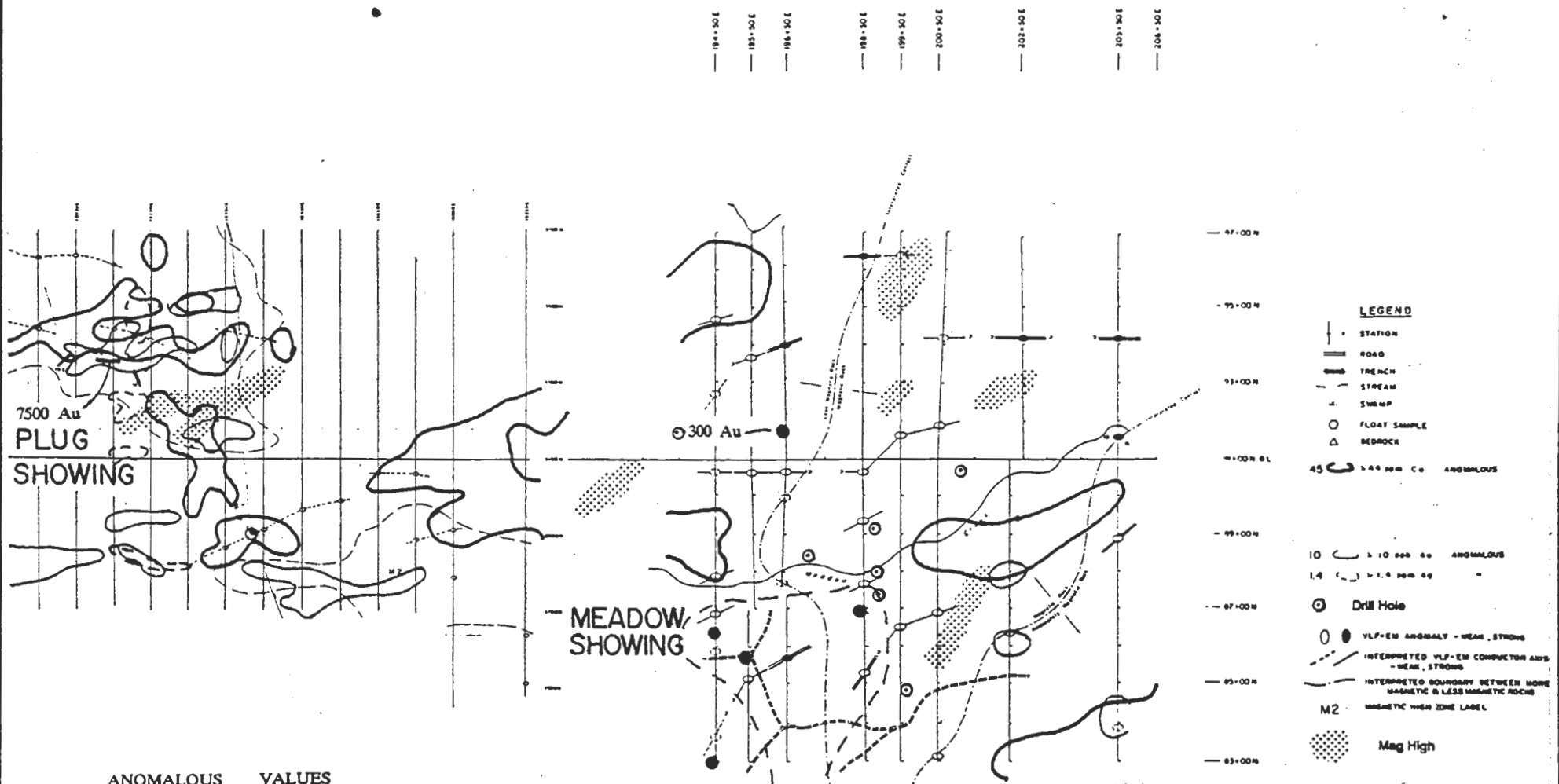
The program on the Meadow Creek grid (Figure 4.0) outlined a number of weak to moderate gold geochemical anomalies with values of up to 700 ppb gold. Several silver and copper geochemical anomalies were also outlined. Prospecting and sampling of the old trenches at the Plug showing revealed weak to moderate carbonate±quartz±fuchsite alteration over several hundred metres, with a grab sample yielding gold and silver values of 7500 ppb (0.282 oz/ton) and 67.5 ppm respectively. Several soil samples taken from the same trench as the anomalous rock sample gave 70 and 150 ppb gold.

Five rock samples taken from the Plug showing by Goldcliff Resource Corporation personnel in the fall of 1995 gave gold values ranging from 0.060 to 2.620 grams/tonne and silver values ranging from 1.8 to 114.5 grams/tonne.

Very little rock sampling has been carried out on the Meadow showing. However two grab samples taken of quartz±carbonate±fuchsite schist with galena and sphalerite from this showing yielded 605 and 482 ppb gold and 165.1 and 258.4 ppm silver.

During 1972, a soil geochemical survey was carried out over the Ram claims that are now partially covered by the eastern portions of the S claims. A number of small copper geochemical anomalies were outlined by the survey, but no follow up work was carried out.

Soil geochemical sampling carried out on the Genesis claims (east of the S claims) during 1994 confirmed the presence of the copper geochemical anomalies with weaker gold values. No cause was found for the copper/gold soil geochemical anomalies.



- LEGEND**
- STATION
  - ROAD
  - TRENCH
  - STREAM
  - SWAMP
  - FLOAT SAMPLE
  - BEDROCK
  - 45 1.44 ppm Cu ANOMALOUS
  - 10 1.10 ppm Au ANOMALOUS
  - 1.4 1.14 ppm Au
  - Drill Hole
  - VLF-EM ANOMALY - WEAK, STRONG
  - INTERPRETED VLF-EM CONDUCTION AND WEAK, STRONG
  - INTERPRETED BOUNDARY BETWEEN MORE MAGNETIC & LESS MAGNETIC ROCKS
  - M2 MAGNETIC HIGH ZONE LABEL
  - Mag High

- ANOMALOUS VALUES**
- Copper
  - Gold
  - Silver

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GOLDCLIFF RESOURCE CORPORATION

PLUG PROJECT, S CLAIMS  
INTERPRETATION MAP

KAMLOOPS M.D., B.C.

0 300 600 900 Metres

DATE: NOV. 1996	SCALE AS SHOWN	FIGURE: 4.0
DRAWN BY: G.F.C.	N.T.S. 921-7E	



### 3.0 EXPLORATION PROCEDURE

During this program grid lines were established over most of the S claims. Soil geochemical sampling and magnetic and VLF-EM geophysical surveys were then carried out over the grid.

#### 3.1 GRID PARAMETERS

- baseline direction east-west
- survey lines perpendicular to baseline
- survey line separation 50 and 100 metres
- survey station spacing 25 metres
- survey total - 91.95 kilometres
- declination 21°

#### 3.2 GEOCHEMICAL SURVEY PARAMETERS

- survey line separation 100 metres
- survey sample spacing 25 metres
- survey totals - 2733 soil samples
  - 24 silt samples
  - 7 rock samples
- 2697 soil samples analyzed by 32 element ICP and for gold (10 gram)
- 17 silt samples analyzed by 32 element ICP and for gold (10 gram)
- 17 silt samples analyzed for gold (30 gram)
- 7 rock samples analyzed by 32 element ICP and for gold (10 gram)
- soil sample depth 10 to 20 centimetres
- soil samples taken from brown or orange B horizon
- silt samples collected from active portion of stream
- silt samples sieved to -20 mesh in field

All samples were sent to Chemex Labs Ltd., 212 Brooksbank Avenue, North Vancouver BC, V7J 2C1 for analysis. Laboratory technique for soil and silt samples consisted of preparing samples by drying at 95° C and sieving to minus 80 mesh. Rock samples were crushed and split, with one split ring ground to minus 150 mesh.

Gold (fire assay, atomic adsorption finish) and 32 element ICP analyses were then carried out on all samples.

The silt and rock geochemistry was plotted on figure 7.0 and the soil geochemical data on figures 8.0 and 9.0. Figure 10.0 is a compilation of the soil geochemical data, and certificates of analysis are listed in appendix I.

### 3.3 GEOPHYSICAL SURVEY PARAMETERS

#### TOTAL FIELD MAGNETIC SURVEY

- survey line separation 50 and 100 metres
- survey station spacing 25 metres
- survey total - 90.95 kilometres
- measured total magnetic field in nanoteslas (gammas)
- instrument - Scintrex MP-2 magnetometer
- instrument accuracy  $\pm 1$  nanotesla
- operator faced north for all readings

Readings were taken along the baseline to obtain standard readings for all baseline stations. All loops ran off the baseline were then corrected to these standard values by the straight line method.

The total field magnetic contours were plotted on figure 1 G and the data listed in appendix II.

#### VLF-EM SURVEY

- survey line separation 50 and 100 metres
- survey station spacing - 25 metres
- survey total - 67.26 kilometres
- transmitting station - Cutler - 29.0 KHz
- direction faced - northerly
- instrument - Geonics EM-16
- in-phase (dip angle) and out-of-phase (quadrature) components measured in percent at each station

The VLF-EM profiles were plotted on figure 2 G and the data listed in appendix II.

## **4.0 GEOLOGY AND MINERALIZATION**

### **4.1 REGIONAL GEOLOGY**

The area of the property lies within the Intermontane Belt of the Canadian Cordillera and is part of Quesnellia. Late Triassic arc-volcanic rocks (Figure 5.0) and volcanogenic sedimentary rocks of the Nicola Group underlie the western portions of the property. The eastern portions of the property are underlain by Triassic Nicola Group volcanic rocks typically metamorphosed to low greenschist facies. The western and eastern portions are separated by the northerly striking, steeply dipping Tertiary Clapperton fault system.

The metamorphosed Nicola Group rocks are part of the Nicola Horst that is a northerly trending block 40 kilometres long, entirely separated from the surrounding Nicola Group volcanic rocks by Tertiary normal faults. It is a complex of Nicola strata, quartzite, metaconglomerate and black schist of unknown age, and tonalite and tonalite porphyry that are penetratively deformed and metamorphosed to amphibolite facies. A variety of plutonic rocks ranging from metagabbro and tonalite to gabbro cut the older rocks. These plutonic rocks range in age from at least Early Jurassic to Paleocene.

There are two main sets of major faults. Northwesterly striking, at least partly contractional features that are probably Mesozoic in age, and northerly striking Tertiary extensional faults.

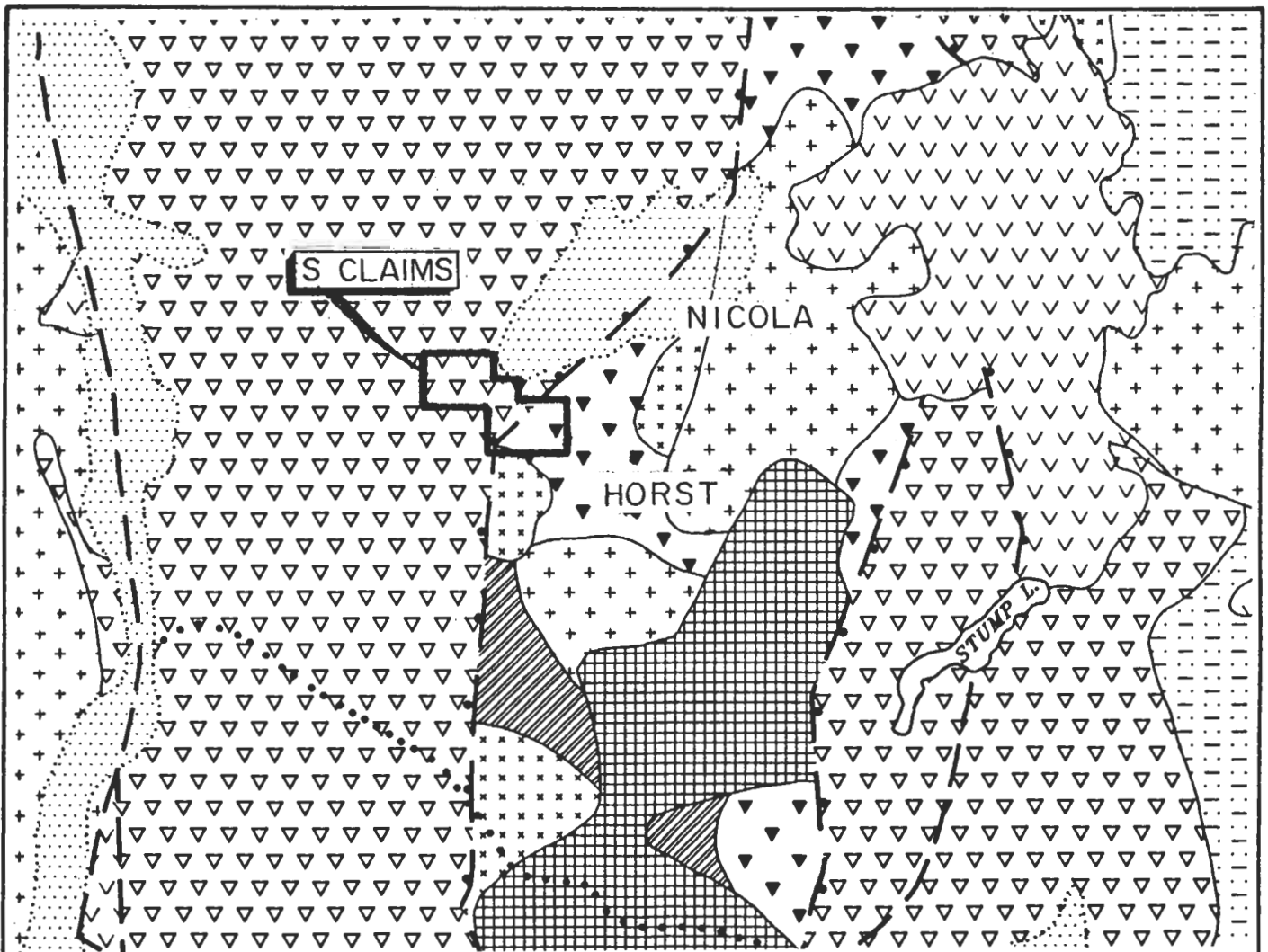
### **4.2 CLAIM GEOLOGY**

The S claims are underlain by Late Triassic arc-volcanic rocks and sedimentary facies of the Nicola Group (Figure 6.0) that have been divided into three belts on the basis of distinct facies and assemblages. These three belts have been named the western (TNw), central (TNc) and eastern (TNe) belts.

Most of the property is underlain by the eastern belt facies that consists almost entirely of mafic augite-phyric volcanoclastic rocks, ranging from coarse breccias to fine wacke and siltstone. Central belt facies rocks underlie the southwest part of the property. These rocks are mainly augite and plagioclase-phyric basalt flows and associated breccias. Subvolcanic intrusions of diorite and gabbro are also abundant. Western belt facies rocks outcrop southwest of the property and are a succession of calcalkaline, mainly plagioclase-phyric andesite flows and breccias, with lenticular interlayers of limestone and bedded volcanoclastic rocks.

The portion of the property lying east of the Clapperton fault within the Nicola Horst is underlain by subgreenschist and greenschist grade metamorphic rocks (TNcm) of the central volcanic belt.





**LITHOLOGIC UNITS**

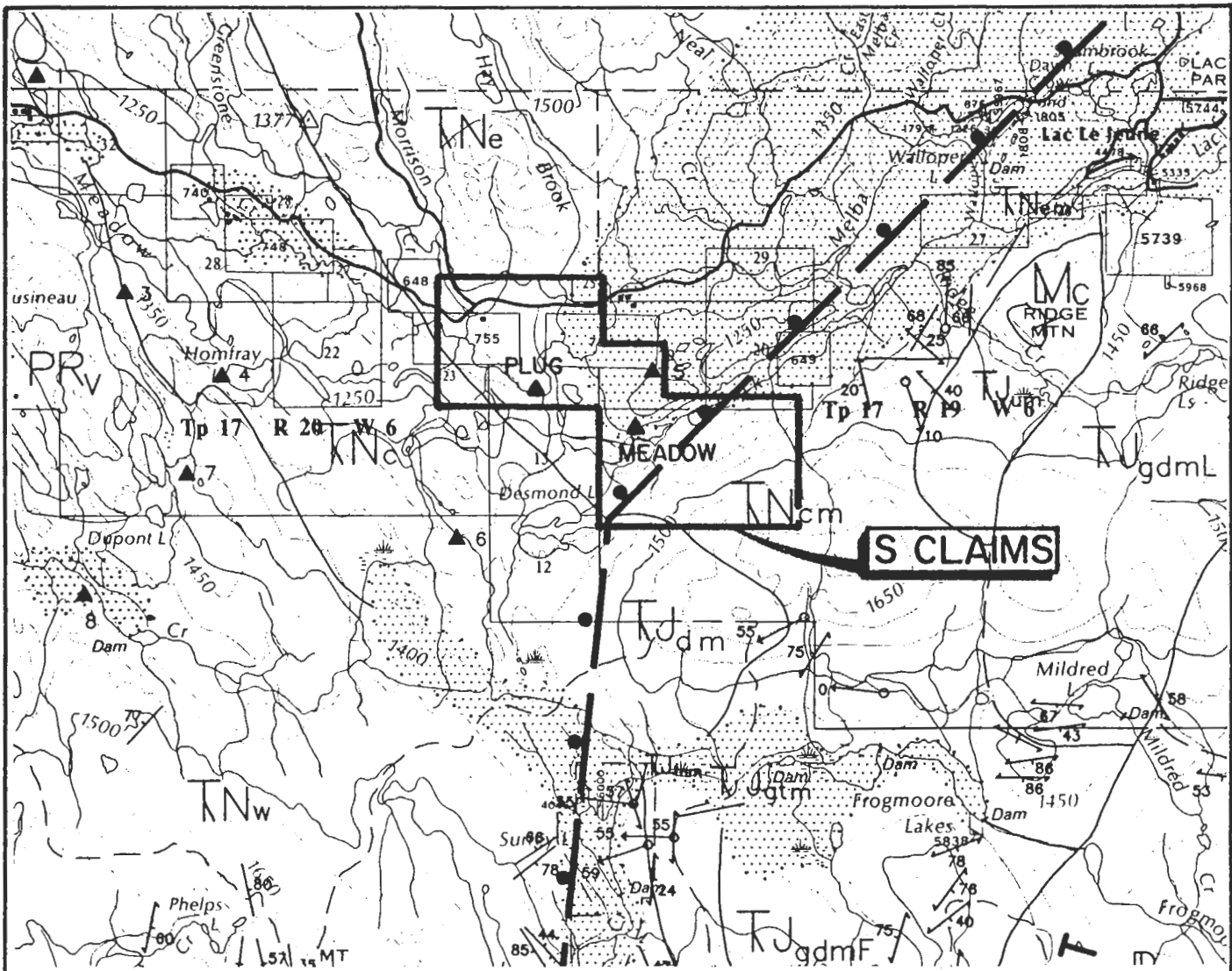
<b>QUATERNARY</b>	
	Glacial and fluvial deposits
<b>TERTIARY</b>	
	Granitic rocks
	Volcanic rocks
<b>Eocene</b>	
	"Coldwater beds"
<b>CRETACEOUS</b>	
	SPENCES BRIDGE Group
<b>JURASSIC</b>	
	ASHCROFT Formation
<b>MESOZOIC</b>	
	Granitic intrusive rocks
	Mafic and ultramafic intrusive rocks
<b>LATE TRIASSIC</b>	
	NICOLA Group (metamorphosed rocks in Nicola horst)
	NICOLA Group (predom. volcanic and coarse volcanoclastic)
	NICOLA Group (predom. sedimentary)
<b>MESOZOIC (or older?)</b>	
	Metaconglomerate, schist; metatonalite
<b>MID TO LATE PALEOZOIC and TRIASSIC</b>	
	HARPER RANCH Group, associated rocks (includes some NICOLA Group)
<b>EARLY TO LATE PALEOZOIC</b>	
	SILVER CREEK Formation, CHAPPERON Group and associated rocks
<b>PALEOZOIC (and older ?)</b>	
	OKANAGAN COMPLEX: gneiss and migmatite

**SYMBOLS**

	UNIT CONTACT
	UNIT CONTACT (INFERRED UNDER QUATERNARY)
	QUATERNARY BOUNDARY
	LAKE BOUNDARY
	FAULT
	DIP-SLIP FAULT (DOTS ON DOWN-THROWN SIDE)
	THRUST FAULT
	LITHOPROBE TRANSECT LINE



GEOTEC CONSULTANTS LTD. PROVINCE OF BRITISH COLUMBIA SCIENTIST		
<b>GOLDCLIFF RESOURCE CORPORATION</b>		
<b>PLUG PROJECT, S CLAIMS</b> <b>REGIONAL GEOLOGY</b>		
KAMLOOPS M.D., B.C.		
DATE: NOV. 1996	SCALE 1:250,000	FIGURE : 5.0
DRAWN BY: G.F.C.	N.T.S. 921-7E	



**LITHOLOGIC UNITS**

- QUATERNARY**
- Glacial, fluvio-glacial, fluvial and lacustrine deposits; colluvium, landslide deposits
  - PR<sub>v</sub> Olivine basalt, typically vesicular ("Valley basalt")
- TERTIARY**
- PALEOCENE**
- EP<sub>g</sub> Granodiorite, tonalite and granite with K-feldspar megacrysts, of ROCKY GULCH batholith and possibly REY LAKE pluton
- MIOCENE**
- Mc Olivine basalt ("Chicolet basalt")
- LATE TRIASSIC and/or OLDER**
- Tj<sub>gd</sub> Hornblende-biotite and biotite granodiorite and quartz diorite (gd) of GUICHON CREEK, WILD HORSE and PENNASK batholiths, JESSE CREEK and DOUGLAS LAKE stocks and unnamed bodies
  - Tj<sub>gdm</sub> Metamorphosed hornblende-biotite and biotite quartz diorite, granodiorite and granite (g) of Nicola horst; F: Frogmore variety; L: Le Jeune variety
  - Tj<sub>g</sub> Augite, hornblende diorite, quartz diorite; Includes subvolcanic intrusions into NICOLA GROUP. m:biotite-hornblende meta-diorite of Nicola horst
  - Tj<sub>cm</sub> Metaperidotite (Nicola horst)
- LATE TRIASSIC NICOLA GROUP**
- IN Mafic and intermediate volcanic and volcanoclastic rocks, undivided; upper greenschist-low amphibolite facies meta-volcanic rocks, mainly in Nicola horst; hornblende and biotite-hornblende schist, amphibolite
  - IN<sub>w</sub> Western volcanic facies: mafic to felsic, plagioclase-phyric flows, pyroclastic and epiclastic breccias, tuff, wacke, minor limestone and limestone conglomerate; predominantly felsic flows, tuff, welded tuff
  - IN<sub>c</sub> Central volcanic facies: mafic and intermediate plagioclase-augite-phyric flows, locally pillowed, and breccias; subordinate tuff, limestone, wacke and siltstone
  - IN<sub>e</sub> Eastern volcanic facies: mafic hornblende- and augite-phyric, predominantly epiclastic breccia, turbidite wacke, local siltstone

**SYMBOLS**

- Lithologic contact (broken where speculative)
- Boundary of unconsolidated deposits
- Fault; solid circles on downthrown side
- Base and/or precious metal occurrence (Table 1)
- LITHOPROBE transect route
- Bedding (inclined, vertical)
- Cleavage / schistosity (inclined vertical)
- Lineation (mineral aggregates, deformed cists)
- Uranium-lead zircon date locality
- Potassium-argon sericite schist date locality
- Fossil locality

FROM OPEN FILE 1990-29

PROFESSIONAL  
GEOLOGICAL  
ENGINEER  
G. F. CROOKER



GEOTEC CONSULTANTS LTD.  
GOLDCLIFF RESOURCE CORPORATION

**PLUG PROJECT, S CLAIMS  
CLAIM GEOLOGY**

KAMLOOPS M.D., B.C.

0 2 4 6 KM.

DATE: NOV. 1996	SCALE: 1:100,000	FIGURE: 6.0
DRAWN BY: G.F.C.	N.T.S.: 921-7 E	

### 4.3 MINERALIZATION

Mineralization is found at both the Plug and Meadow showings (Figure 7.0) on the S claims.

Four rock samples from the Plug showing were sent for polished thin section examination (appendix IV). The thin sections showed strong carbonate alteration with lesser silicification and quartz. The carbonate and quartz occur as fragments and veins, with two or more generations of carbonate veining occurring in several samples. Chrome rich sericite (fuchsite) was noted in one sample. Based on their textures and mineral assemblages these rocks are believed to be alteration of mafic rocks. The presence of magnesite, fuchsite and extensive veining suggests profound alteration of a magnesium and chromium rich source.

Opaque content of the samples varied from 1 to 3% in the four samples. Pyrite is the dominant opaque mineral, usually making up 75 to 99% of the opaques. Pyrite occurs as crystals, crystal fragments and ragged grains in seams and veins as well as disseminations throughout the rock. Grain size is usually in the 0.1 to 0.3 millimetre range. Magnetite was observed to make up 30% of the opaques in one sample and occurs as fine grains in the 0.05 to 0.1 millimetre range. Rare 5 to 60 micron size grains of chalcopyrite also occur in three of the samples.

Outcrop is scarce in the area and several old trenches have sloughed in. Carbonate alteration plus or minus quartz alteration with minor fuchsite was noted at a number of locations in the trenches. The mineralization appears to occur over a over a length of 30 metres in one trench. Sampling of the carbonate-quartz material by previous owners gave significant gold and silver values. The highest values came from a grab sample which gave 7500 ppb gold and 67.5 ppm silver.

Five grab samples taken by Goldcliff Resource Corporation in personnel in the fall of 1995 gave gold values up to 2.620 grams/tonne and silver values up to 114.5 grams/tonne. Eight additional rock samples were taken during the 1996 field season and only one sample was anomalous. It gave anomalous gold, silver and mercury values of 180 ppb, 3.2 ppm and 1020 ppb respectively. Table II lists the analyses for all 13 rock samples.

Sample Number	Au ppb	Au grams/tonne	Ag ppm	Ag grams/tonne	Hg ppm	Cu ppm
1-040	<5		<0.2		20	<1
1-041	<5		<0.2		<10	<1
1-055	<5		<0.2		<10	54
1-056	<5		<0.2		<10	18
1-229	<5		<0.2		<10	84
1-230	180		3.2		1020	23
1-231	<5		<0.2		<10	<1

1-232	<5		<0.2		<2	46
SB-205		0.155		4.4		50
SB-206		0.060		1.8		44
SB-207		2.620		114.5		78
SB-208		0.455		13.8		52
SB-209		0.425		30.6		113

**TABLE II - ROCK SAMPLE ANALYSES**

Two types of mineralization occur at the Meadow showing. The first is a five to ten foot wide zone of quartz-carbonate schist with minor fuchsite containing minor silver bearing galena, sphalerite and chalcopyrite. Two grab samples of the mineralization taken by previous owners gave anomalous gold values of 605 and 482 ppb and anomalous silver values of 165.1 and 258.4 ppm (5 and 7.5 ozs/ton). The dimensions of the mineralization are not known at this time.

The second type of mineralization is a highly pyritized quartz feldspar porphyry with minor chalcopyrite occurring along Meadow Creek. The dimensions of this quartz feldspar porphyry are also unknown at this time.

## 5.0 GEOCHEMISTRY

### 5.1 SILT GEOCHEMISTRY

Twenty-four silt samples were collected from the major drainages on the property and analyzed for gold and 32 element ICP. Table III lists the analyses for all 24 silt samples.

Sample No.	Mesh	Au ppb 10 gram	Au ppb 30 gram	Hg ppb	Ag ppm	As ppm	Sb ppm	Cu ppm
1-036	-20	10	<5	30	<0.2	2	<2	45
1-037	-20	65	<5	10	<0.2	<2	<2	23
1-038	+20	<5	-	20	<0.2	8	<2	54
1-039	-20	220	380	<10	<0.2	<2	<2	23
1-108	-20	<5	<5	<10	<0.2	4	2	39
1-109	-20	<5	10	<10	<0.2	<2	<2	32
1-110	-20	<5	<5	<10	<0.2	8	<2	36
1-111	+20	<5	-	<10	<0.2	2	<2	34
1-118	-20	<5	<5	10	<0.2	6	<2	36
1-119	-20	365	180	10	<0.2	4	<2	48
1-120	-20	25	<5	<10	<0.2	10	<2	52
1-121	-20	<5	195	<10	<0.2	<2	<2	84
1-122	-20	<5	<5	10	<0.2	6	<2	79
1-123	-20	765	25	<10	<0.2	<2	<2	34
1-145	-20	10	<5	<10	<0.2	2	4	41
1-146	-20	<5	<5	<10	<0.2	<2	6	17
1-147	-20	<5	250	10	<0.2	<2	8	18
1-148	-20	<5	<5	10	<0.2	10	<2	19
1-149	-20	<5	5	20	<0.2	4	8	25
1-150	-20	5	30	10	<0.2	<2	<2	19
1-151	-20	<5	15	10	<0.2	2	<2	19
1-152	-20	25	30	10	<0.2	8	4	33
1-153	-20	<5	20	10	<0.2	6	8	30
1-170	-20	260	285	10	<0.2	<2	<2	30

**TABLE III - SILT SAMPLE ANALYSES**

**GOLD**

Gold values ranged from <5 to 765 ppb and values >15 ppb were considered anomalous. Gold was the most strongly anomalous of all elements and also had the highest number of anomalous samples with 11.

Along Meadow Creek, two silt samples taken below the Plug showing were strongly anomalous (65 and 380 ppb) as well as one below the Meadow showing (250 ppb). The one sample taken from Hay Brook was also strongly anomalous (285 ppb). The remaining seven anomalous samples were all taken from northwesterly flowing drainages in the southeastern portion of the property. These samples gave values up to 765 ppb, with four samples over 100 ppb.

**MERCURY**

Mercury values ranged from <10 to 30 ppb and none of the values were considered anomalous.

**SILVER**

Silver values were all <0.2 ppm and none of the values were considered anomalous.

**ARSENIC**

Arsenic values ranged from <2 to 10 ppm and values  $\geq 6$  ppm (8 samples) were considered anomalous. All but one of the anomalous samples were taken from the northwesterly flowing drainages in the southeastern portion of the property.

**ANTIMONY**

Antimony values ranged from <2 to 8 ppm and values  $\geq 4$  ppm (6 samples) were considered anomalous. Three of the anomalous samples were taken from Meadow Creek below the Meadow showing and the other three samples were taken from drainages up slope from the Meadow showing.

**COPPER**

Copper values ranged from 17 to 84 ppm and values >40 ppm (6 samples) were considered anomalous. Four of the anomalous samples came from the northwesterly flowing drainages in the eastern portion of the property while the other two samples were taken from Meadow Creek.

Some inter-element correlation is evident from the silt sampling. The samples taken from the eastern portion of the property (1-119, 1-120, 1-121, 1-122, 1-123) show good correlation between gold and copper, with lesser correlation with arsenic. The samples taken up slope from the Meadow showing (1-152, 1-153) show good correlation with gold, arsenic and antimony.

## 5.2 SOIL GEOCHEMISTRY

Soil sampling was carried out at 25 metre station spacing over the property. Background and anomalous values were chosen as follows:

ELEMENT	BACKGROUND	ANOMALOUS
Gold ppb	5	10 and greater
Mercury ppb	30	50 and greater
Copper ppm	44	60 and greater
Arsenic ppm	3	6 and greater

### GOLD

Gold values ranged from <5 to 590 ppb (Figure 8.0) and most anomalous samples occur as single station values. While no broad, contiguous anomalies were outlined by the survey, the gold values show weak clustering and four weak gold geochemical anomalies have been outlined (Figure 10.0).

Anomaly Au-1 occurs over an area 800 metres long by 250 metres wide and consists mainly of values in the 10 to 15 ppb range, with three samples giving 80 ppb. Mercury is weakly anomalous over parts of the anomaly and copper is not anomalous.

Anomaly Au-2 occurs southeast of the Coquihalla highway and is 600 metres long by 200 metres wide. Most geochemical values are in the 25 to 50 ppb range, with a maximum of 85 ppb. Mercury and copper are weakly anomalous around the periphery of the gold anomaly.

Anomaly Au-3 is a circular anomaly approximately 300 metres in diameter. Gold values are generally in the 20 ppb range, with two samples giving strongly anomalous values of 485 and 590 ppb. Mercury and copper do not occur coincidentally with the gold.

Anomaly Au-4 is a small, four station anomaly 250 metres long by 50 metres wide. Gold values vary from 15 to 85 ppb and the anomaly occurs coincidentally with mercury and copper anomalies Hg-1 and Cu-2.

### MERCURY

Mercury values ranged from <10 to 380 ppb (Figure 8.0) and two broad areas have been outlined as anomalous.

Anomaly Hg-1 consists of six, small discrete anomalies occurring over an area 1200 metres long by 400 metres wide. Most geochemical values are in the 50 to 80 ppb range, with a maximum value of 260 ppb. The anomaly strikes slightly east of north and occurs coincidentally with the eastern portions of strongly anomalous copper anomalies Cu-1 and Cu-2.

Anomaly Hg-2 again consists of small, discrete anomalies occurring over an area 1000 metres long by 500 metres wide. This anomaly is approximately 600 metres northwest of the Plug showing and is partially coincidental with weakly anomalous copper values. Mercury values are in the 50 to 70 ppb range.

## **COPPER**

Copper values ranged from 4 to 4510 ppm (Figure 9.0) and three soil geochemical anomalies have been outlined. Copper does not show any correlation with gold, but does show moderate correlation with mercury.

Anomaly Cu-1 is a moderate to strong anomaly occurring over an area 900 metres long by 200 metres wide. Geochemical values range to a high of 516 ppm, with many values in the 200 to 400 ppm range. The anomaly strikes east-west and the eastern portion is coincidental with mercury anomaly Hg-1.

Anomaly Cu-2 is also a moderate to strong anomaly occurring over an area 500 metres square. Many geochemical values are in the 100 to 200 ppm range with a maximum value of 4510 ppm. This anomaly is 100 to 200 metres northeast of anomaly Cu-1 and the eastern portion is again coincidental with mercury anomaly Hg-1.

Anomaly Cu-3 is a small, weak anomaly 300 metres long by 100 metres wide. Copper geochemical values are in the 50 to 90 ppm range and mercury occurs coincidentally with the central portion of the anomaly.

## **ARSENIC**

Due to the variability of the background arsenic values from the ICP analysis, it was not possible to determine arsenic anomalies with any degree of certainty.



## 6.0 GEOPHYSICS

### 6.1 MAGNETIC SURVEY

A total of 90.9 line kilometres of reconnaissance total field magnetic survey (Figure 1 G) was carried out on the S claim grid with interpretation of the results by Interpretex Resources (Appendix VII). The survey grid can be divided into two blocks, the northwest covering the Plug showing and the southeast the Meadow showing. Interpretex Resources has interpreted four general magnetic domains (Figure 3 G) within the survey area as determined by total field magnetic values. Magnetic lineaments trend mainly northeast and northwest.

Local surface rock types are volcanic and metavolcanic rocks which define the first two magnetic domains. The first domain is shown by a large number of local magnetic highs and lows (a mottled appearance) in the southwest half of the southeastern block. This domain is believed to reflect metavolcanic rocks with local variations of magnetic minerals. The first domain appears to be separated from the second by a northeast trending fault zone as shown by an interpreted magnetic lineament between 669900E, 5589650N and 671600E, 5590750N. The second domain is believed to incorporate much of the rest of the survey grid to the northwest and represent surface volcanic rocks.

The third domain is the most magnetic in the area and is shown by the large oval shaped magnetic high seen in the southeast block. This feature is believed to represent intrusive rock, possibly granitoid, which underlies the volcanic cover and/or unconsolidated surficial deposits. A highly pyritized quartz feldspar porphyry that outcrops near Meadow Creek and may be related to this magnetic feature. The fourth domain is interpreted by Interpretex as altered intrusive rock related to the third domain (possibly parent) intrusive. This material is interpreted to underlay the first two domains in both blocks as shown on the interpretation map (Figure 3 G). This domain may also be interpreted as more magnetic volcanic or metavolcanic rocks.

One other weak magnetic high may be a significant magnetic feature. This magnetic high may be related to the mineralization at the Plug showing as it occurs over the old trenches. The zone trends slightly north of west, and is approximately 100 metres wide by 700 metres long. Polished thin sections of the mineralized material from the Plug showing have indicated a significant magnetite content.

## **6.2 VLF-EM SURVEY**

A total of 67.2 line kilometres of reconnaissance VLF-EM survey (Figure 2 G) were carried out on the S claim grid and VLF-EM profiles show a moderate to strong response to conductivity. Negative topographic bias, due to down-slope VLF instrument orientation, can be seen in the southeastern half of the southeast block. Interpreted VLF conductors trend east-west, northeast and northwest as shown on the interpretation map (Figure 3 G). Two conductors are probably due to cultural objects and have been tagged with an "F" to denote a fence and "F?" to denote a fence and/or power line.

VLF-EM conductors other than those tagged "F" or "F?" are believed to be caused by bedrock conductivity, in some cases possibly confined to structural features. The most important conductors are within the mineral showing detail grids.

## 7.0 CONCLUSIONS AND RECOMMENDATIONS

The 1996 work program consisted of establishing grid lines over most of the property and carrying out soil geochemical sampling and magnetic and VLF-EM geophysical surveys over them. Silt geochemical sampling and a limited amount of prospecting were also carried out over the property.

The silt sampling program was very successful with 11 of 25 samples giving anomalous gold values. Anomalous gold values came from below the Plug and Meadow showings on Meadow Creek, Hay Brook and the northwesterly flowing drainages in the southeastern portion of the property. Four of the samples from the northwesterly flowing drainages were also anomalous in copper.

Gold soil geochemical values were generally low, with no broad, contiguous anomalies outlined. However, four areas do show clustering of values and these areas have been indicated as gold geochemical anomalies. The gold anomalies do not occur coincidentally with the mercury and copper anomalies.

Two weak to moderate mercury soil geochemical anomalies were outlined. These two anomalies are made up of clusters of small, contiguous mercury anomalies. Mercury appears to have moderate correlation with copper. Copper was the most strongly anomalous of all elements, and three weak to strong anomalies were outlined. Copper appears to have little correlation with gold, but moderate to strong correlation with mercury. The strongest copper and mercury anomalies occur in the southeastern portion of the property.

The geophysical surveys indicated a number of significant magnetic and electromagnetic features. The Plug showing occurs within interpreted intrusive or volcanic rock and appears to be associated with a weak magnetic high, VLF conductivity and an interpreted fault intersection in the centre of the detail grid area. VLF conductors in the detail grid area vary from strong to weak, are of short strike length and are near surface, possibly reflecting the mineralization within the detail grid.


The Meadow showing appears to be in a more complex structural, conductive and alteration environment. The mineralization may be related to conductivity within a northeast trending fault. This conductor and fault form the northern boundary between the unaltered intrusive material and the interpreted altered intrusive or volcanic rock. An east-west and a northwest interpreted lineament appear to form a triangular structural pattern which may provide structural traps for mineralization in this region. A small conductor may be associated with the southeast corner of the intersection triangle.

The geochemical and geophysical surveys conducted over the property yielded positive results and further work on the property is warranted.

Recommendations are as follows:

- 1) Geological mapping should be completed over the property.
- 2) Prospecting should be carried out over the silt and soil geochemical anomalies as well as the geophysical anomalies to determine their significance.
- 3) The Plug and Meadow showings should be investigated by trenching to determine the precious metal content and dimensions of the mineralization.

Respectfully submitted,



Grant F. Crooker, P. Geo.,  
Consulting Geologist

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## 9.0 CERTIFICATE OF QUALIFICATIONS

I, Grant F. Crooker, of Upper Bench Road, PO Box 404, Keremeos, British Columbia, Canada, V0X 1N0 do certify that:

I am a Consulting Geologist registered with the Association of Professional Engineers and Geoscientists of the Province of British Columbia (Registration No. 18961);

I am a Fellow of the Geological Association of Canada (Registration No. 3758) and I am a Member of the Canadian Institute of Mining and Metallurgy and Petroleum;

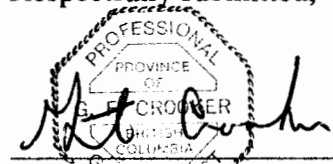
I am a graduate (1972) of the University of British Columbia with a Bachelor of Science degree (B.Sc.) from the Faculty of Science having completed the Major program in geology;

I have practised my profession as a geologist for over 20 years, and since 1980, I have been practising as a consulting geologist and, in this capacity, have examined and reported on numerous mineral properties in North and South America;

I have based this report on field examinations within the area of interest and on a review of the technical and geological data provided by Goldcliff Resource Corporation;

I am the owner of Goldcliff Resource Corporation securities.

Respectfully submitted,



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Grant F. Crooker, P. Geol.,  
GFC Consultants Inc.

**APPENDIX I**  
**CERTIFICATES OF ANALYSIS**





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :1-B  
 Total Pages :1  
 Certificate Date:12-JUL-96  
 Invoice No. :19622949  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9622949

SAMPLE	PREP CODE	Mo ppm	Na %	Mi ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Tl %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
206692091289036	201 202	< 1 < 0.01	30	1140	3	< 2	8	76	0.16	< 10	< 10	123	< 10	56	
206790991124037	201 202	< 1 < 0.01	41	1280	< 2	< 2	8	62	0.15	< 10	< 10	121	< 10	42	
206832390874039	201 202	< 1 < 0.01	28	1260	< 2	< 2	8	59	0.15	< 10	< 10	120	< 10	40	
207012589200108	201 202	< 1 < 0.01	46	800	6	3	5	31	0.21	< 10	< 10	125	< 10	56	
207040089215109	201 202	< 1 < 0.01	37	630	6	< 2	4	29	0.19	< 10	< 10	121	< 10	42	
2070757908923110	201 202	< 1 < 0.01	41	810	3	< 2	8	67	0.24	< 10	< 10	125	< 10	48	
207146590247118	201 202	< 1 < 0.01	23	840	2	< 2	6	62	0.23	< 10	< 10	145	< 10	38	
207158109953119	201 202	< 1 < 0.01	38	590	2	< 2	3	24	0.23	< 10	< 10	131	< 10	38	
207092590420120	201 202	< 1 < 0.01	50	840	10	< 2	6	44	0.18	< 10	< 10	150	< 10	48	
207138090795121	201 202	< 1 < 0.01	37	610	3	< 2	6	33	0.20	< 10	< 10	153	< 10	44	
207195090820122	201 202	< 1 < 0.01	37	490	3	< 2	8	43	0.24	< 10	< 10	125	< 10	40	
207290090810123	201 202	< 1 < 0.01	17	630	3	< 2	6	48	0.21	< 10	< 10	123	< 10	34	
20683291297145	201 202	< 1 < 0.01	18	1150	2	6	5	41	0.15	< 10	< 10	154	< 10	54	
206947091243146	201 202	< 1 < 0.01	36	1190	< 2	6	5	54	0.15	< 10	< 10	89	< 10	60	
206955090689147	201 202	< 1 < 0.01	44	1100	2	8	5	52	0.13	< 10	< 10	80	< 10	60	
206975790508148	201 202	< 1 < 0.01	37	1490	2	< 2	4	53	0.10	< 10	< 10	80	< 10	70	
206976590475149	201 202	< 1 < 0.01	43	1210	4	8	4	58	0.09	< 10	< 10	101	< 10	38	
207025090660150	201 202	< 1 < 0.01	29	1190	< 2	< 2	5	37	0.11	< 10	< 10	73	< 10	46	
207059890961151	201 202	< 1 < 0.01	13	1090	4	< 2	4	37	0.13	< 10	< 10	40	< 10	74	
207028090510152	201 202	< 1 < 0.01	149	940	< 2	4	4	147	0.10	< 10	< 10	89	< 10	66	
207011090485153	201 202	< 1 < 0.01	54	610	3	8	5	53	0.23	< 10	< 10	144	< 10	98	
206882492439170	201 202	< 1 < 0.01	11	860	< 2	< 2	5	59	0.18	< 10	< 10	166	< 10	40	

CERTIFICATION: *Hart Bickler*



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 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :1-A  
 Total Pages :1  
 Certificate Date:12-JUL-96  
 Invoice No. :19622949  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9622949

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
206692091289036	201 202	10 < 0.2	2.25	2	210 < 0.5	< 2	1.29 < 0.5	21	64	48	6.87	< 10	30	0.13	< 10	1.20	1.01	1.33	448	
206790991124037	201 202	55 < 0.2	1.32	< 2	180 < 0.5	< 2	1.12 < 0.5	15	118	23	3.79	< 10	10	0.05	< 10	0.85	510			
206832390874039	201 202	220 < 0.2	1.21	< 2	110 < 0.5	< 2	1.04 < 0.5	13	147	23	3.88	< 10	< 10	0.04	< 10	0.85	510			
207012589200108	201 202	4.8 < 0.2	1.71	8	70 < 0.5	< 2	0.73 < 0.5	21	113	39	4.34	< 10	< 10	0.13	< 10	1.46	635			
207040089215109	201 202	4.8 < 0.2	1.67	< 2	70 < 0.5	2	0.75 < 0.5	20	94	32	4.30	< 10	< 10	0.13	< 10	1.25	445			
2070757908923110	201 202	4.8 < 0.2	1.55	8	80 < 0.5	3	1.02 < 0.5	19	95	36	6.28	< 10	< 10	0.11	< 10	1.33	448			
207146590247118	201 202	4.8 < 0.2	1.73	6	80 < 0.5	3	0.81 < 0.5	20	83	36	6.45	< 10	10	0.10	< 10	1.09	653			
207158109953119	201 202	345 < 0.2	1.98	4	80 < 0.5	< 2	0.49 < 0.5	18	89	46	6.18	< 10	10	0.10	< 10	1.02	430			
207092590420120	201 202	25 < 0.2	1.47	10	70 < 0.5	< 2	0.93 < 0.5	32	142	82	6.99	< 10	< 10	0.12	< 10	1.54	660			
207138090795121	201 202	4.8 < 0.2	1.93	< 2	70 < 0.5	< 2	0.76 < 0.5	18	83	84	6.70	< 10	< 10	0.09	< 10	1.02	460			
207195090820122	201 202	4.8 < 0.2	1.59	6	60 < 0.5	< 2	0.85 < 0.5	17	76	79	6.27	< 10	10	0.08	< 10	0.55	500			
207290090810123	201 202	765 < 0.2	1.41	< 2	50 < 0.5	< 2	0.85 < 0.5	14	63	34	6.02	< 10	< 10	0.08	< 10	0.84	400			
20683291297145	201 202	18 < 0.2	1.48	2	80 < 0.5	< 2	1.51 < 0.5	17	51	41	4.81	< 10	< 10	0.08	< 10	0.99	690			
206947091243146	201 202	4.8 < 0.2	1.79	< 2	100 < 0.5	< 2	0.97 < 0.5	19	110	17	1.20	< 10	< 10	0.07	< 10	1.46	525			
206955090689147	201 202	4.8 < 0.2	1.74	< 2	130 < 0.5	< 2	0.84 < 0.5	31	103	18	1.08	< 10	10	0.07	< 10	1.56	635			
206975790508148	201 202	4.8 < 0.2	1.44	10	180 < 0.5	< 2	0.88 < 0.5	16	92	19	3.92	< 10	10	0.08	< 10	1.24	695			
206976590475149	201 202	4.8 < 0.2	1.37	4	290 < 0.5	< 2	1.05 < 0.5	16	133	25	4.05	< 10	20	0.12	< 10	1.37	940			
207025090660150	201 202	5 < 0.2	1.42	< 2	100 < 0.5	< 2	0.81 < 0.5	17	85	19	2.94	< 10	10	0.07	< 10	1.35	450			
207059890961151	201 202	4.8 < 0.2	1.70	2	70 < 0.5	< 2	0.81 < 0.5	17	87	26	2.96	< 10	10	0.09	< 10	1.40	395			
207028090510152	201 202	25 < 0.2	1.55	8	170 < 0.5	< 2	2.07 < 0.5	20	260	33	3.40	< 10	10	0.11	< 10	2.83	1295			
207011090485153	201 202	4.8 < 0.2	1.72	6	80 < 0.5	< 2	0.91 < 0.5	17	200	32	5.09	< 10	10	0.09	< 10	1.34	540			
206882492439170	201 202	240 < 0.2	1.39	< 2	90 < 0.5	< 2	1.17 < 0.5	13	40	38	6.41	< 10	10	0.04	< 10	0.78	525			

CERTIFICATION: *Hart Bickler*





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To: GEOTEC CONSULTANTS LTD.  
6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :1-A  
Total Pages :1  
Certificate Date:12-JUL-96  
Invoice No. :19622950  
P.O. Number :20  
Account :LOY

Project: PLVQ  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9622950

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
1206791091335038	205 226	< 5 < 0.2	2.43	8	270 < 0.5	< 2	1.43 < 0.5	21	102	94	4.86 < 10	20	0.23 < 10	1.76	1210					
1206834090865040	205 226	< 5 < 0.2	0.31	2	10 < 0.5	< 2	3.24 < 0.5	37	389 < 1	3.07 < 10	< 10	0.17 < 10	0.15 < 10	9.55	415					
1206834190865041	205 226	< 5 < 0.2	0.39	4	40 < 0.5	< 2	3.95 < 0.5	37	451 < 1	3.25 < 10	< 10	0.15 < 10	0.12 < 10	1.40	1005					
1206953089630055	205 226	< 5 < 0.2	2.43	< 2	30 < 0.5	< 2	13.70 < 0.5	13	140	54	3.70 < 10	< 10	0.12 < 10	1.78	655					
1206953189631056	205 226	< 5 < 0.2	3.73	< 2	30 < 0.5	< 2	8.29 < 0.5	24	183	18	2.92 < 10	< 10	0.22 < 10	1.83	965					
0997075188926111	205 226	< 5 < 0.2	2.45	2	80 < 0.5	2	1.23 < 0.5	22	94	75	5.33 < 10	10	< 10	0.14 < 10	1.83	780				
1206838791103229	205 226	< 5 < 0.2	2.24	< 2	120 < 0.5	2	1.70 < 0.5	15	66	84	3.23 < 10	< 10	0.09 < 10	2.17	750					
1206838891104230	205 226	180	3.2	0.30	46	150 < 0.5	< 2	3.51 < 0.5	43	180	23	4.12 < 10	1030	0.13 < 10	11.30	715				
1206838991105231	205 226	< 5 < 0.2	0.27	< 2	170 < 0.5	< 2	3.90 < 0.5	42	384 < 1	2.93 < 10	10	8.08 < 10	12.40	705						
1206839091115232	205 226	< 5 < 0.2	2.53	< 2	180 < 0.5	2	4.50 < 0.5	29	33	46	5.16 < 10	70	0.08 < 10	2.91	1030					

CERTIFICATION: *Hart Buchler*



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To: GEOTEC CONSULTANTS LTD.  
6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :1-B  
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Certificate Date:12-JUL-96  
Invoice No. :19622950  
P.O. Number :20  
Account :LOY

Project: PLVQ  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9622950

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
1206791091335038	205 226	1	0.05	40	1400	< 2	< 2	9	95	0.12 < 10	< 10	128	< 10	44	
1206834090865040	205 226	< 1	0.01	450	210	< 2	2	8	108	< 0.01 < 10	< 10	49	< 10	12	
1206834190865041	205 226	< 1	0.01	684	240	< 2	2	9	101	< 0.01 < 10	< 10	55	< 10	16	
1206953089630055	205 226	< 1	0.04	81	320	< 2	< 2	13	172	0.01 < 10	< 10	58	< 10	44	
1206953189631056	205 226	< 1	0.04	132	160	< 2	< 2	16	110	0.01 < 10	< 10	60	< 10	66	
1206838791103229	205 226	< 1	0.05	12	1650	< 2	< 2	7	239	0.13 < 10	< 10	114	< 10	68	
1206838891104230	205 226	< 1	< 0.01	575	450	< 2	< 2	10	232	< 0.01 < 10	< 10	35	< 10	16	
1206838991105231	205 226	< 1	< 0.01	629	300	< 2	8	8	137	< 0.01 < 10	< 10	54	< 10	12	
1206839091115232	205 226	< 1	0.01	21	1090	< 2	< 2	16	105	0.16 < 10	< 10	172	< 10	82	
0997075188926111	205 226	< 1	0.04	34	1140	< 2	< 2	8	55	0.23 < 10	< 10	127	< 10	56	

CERTIFICATION: *Hart Buchler*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-A  
Total Pages : 5  
Certificate Date: 16-JUL-98  
Invoice No. : 19623221  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Mn ppm	Hg ppb	K %	La ppm	Mg %	Nb ppm
18050E 11150W	201 202	< 3	< 0.3	3.49	< 2	470	< 0.5	< 2	0.79	< 0.5	9	22	36	1.70	< 10	30	0.16	< 10	0.44	1240
18050E 11175W	201 202	< 3	< 0.3	3.47	< 2	469	< 0.5	< 2	0.81	< 0.5	10	22	36	1.74	< 10	30	0.17	< 10	0.44	1240
18050E 11200W	201 202	< 3	< 0.3	3.41	< 2	468	< 0.5	< 2	0.82	< 0.5	10	22	36	1.74	< 10	30	0.17	< 10	0.44	1240
18050E 11215W	201 202	< 3	< 0.3	3.38	< 2	468	< 0.5	< 2	0.82	< 0.5	10	22	36	1.74	< 10	30	0.17	< 10	0.44	1240
18050E 11225W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18150E 09725W	201 202	< 3	< 0.2	2.03	12	210	< 0.5	< 2	0.90	< 0.5	14	32	36	3.20	< 10	10	0.23	< 10	0.70	923
18150E 09750W	201 202	< 3	< 0.2	1.93	< 2	170	< 0.5	< 2	0.83	< 0.5	12	34	39	3.20	< 10	10	0.18	< 10	0.68	483
18150E 09775W	201 202	< 3	< 0.2	2.26	8	200	< 0.5	< 2	1.02	< 0.5	15	37	44	3.68	< 10	10	0.25	< 10	0.78	860
18150E 09800W	201 202	< 3	< 0.2	2.37	6	240	< 0.5	< 2	0.92	< 0.5	12	34	31	3.44	< 10	10	0.26	< 10	0.66	860
18150E 09825W	201 202	< 3	< 0.2	2.91	< 2	210	< 0.5	< 2	1.14	< 0.5	14	43	59	4.08	< 10	10	0.24	< 10	0.86	513
18150E 09850W	201 202	< 3	< 0.2	2.12	< 2	150	< 0.5	< 2	0.92	< 0.5	11	32	27	3.17	< 10	< 10	0.25	< 10	0.63	630
18150E 09875W	201 202	< 3	< 0.2	2.69	6	210	< 0.5	< 2	1.00	< 0.5	15	37	41	3.36	< 10	10	0.28	< 10	0.76	840
18150E 09900W	201 202	< 3	< 0.2	2.38	4	180	< 0.5	< 2	1.01	< 0.5	13	36	31	3.37	< 10	10	0.30	< 10	0.63	775
18150E 09925W	201 202	< 3	< 0.2	2.91	< 2	240	< 0.5	< 2	1.08	< 0.5	14	39	44	3.95	< 10	< 10	0.35	< 10	0.75	860
18150E 09950W	201 202	< 3	< 0.2	2.29	6	260	< 0.5	< 2	1.26	< 0.5	12	37	44	3.45	< 10	10	0.30	< 10	0.76	860
18150E 09975W	201 202	< 3	< 0.2	3.16	< 2	270	< 0.5	< 2	1.34	< 0.5	18	46	63	4.31	< 10	40	0.37	< 10	0.94	985
18150E 10000W	201 202	< 3	< 0.2	1.96	< 2	190	< 0.5	< 2	1.04	< 0.5	12	35	31	3.41	< 10	10	0.20	< 10	0.43	470
18150E 10025W	201 202	< 3	< 0.2	1.85	10	130	< 0.5	< 2	0.95	< 0.5	11	33	23	3.17	< 10	< 10	0.18	< 10	0.58	435
18150E 10050W	201 202	< 3	< 0.2	2.14	< 2	170	< 0.5	< 2	0.88	< 0.5	9	31	19	3.07	< 10	10	0.17	< 10	0.54	613
18150E 10075W	201 202	< 3	< 0.2	2.46	< 2	160	< 0.5	< 2	1.05	< 0.5	10	36	30	3.57	< 10	10	0.27	< 10	0.73	443
18150E 10100W	201 202	< 3	< 0.2	2.09	8	220	< 0.5	< 2	1.02	< 0.5	14	36	41	3.25	< 10	10	0.22	< 10	0.73	910
18150E 10125W	201 202	< 3	< 0.2	1.95	8	160	< 0.5	< 2	0.79	< 0.5	9	29	20	2.90	< 10	< 10	0.16	< 10	0.50	365
18150E 10150W	201 202	< 3	< 0.2	1.82	4	130	< 0.5	< 2	0.86	< 0.5	8	30	18	2.98	< 10	< 10	0.16	< 10	0.52	430
18150E 10175W	201 202	10	< 0.2	2.00	6	190	< 0.5	< 2	0.89	< 0.5	10	29	29	3.03	< 10	20	0.18	< 10	0.56	405
18150E 10200W	201 202	< 3	< 0.2	2.53	2	220	< 0.5	< 2	1.16	< 0.5	14	34	36	3.36	< 10	10	0.25	< 10	0.71	790
18150E 10225W	201 202	< 3	< 0.2	1.97	< 2	170	< 0.5	< 2	0.90	< 0.5	11	32	28	3.18	< 10	10	0.18	< 10	0.57	665
18150E 10250W	201 202	< 3	< 0.2	2.16	< 2	170	< 0.5	< 2	1.07	< 0.5	11	32	29	3.32	< 10	10	0.22	< 10	0.61	765
18150E 10275W	201 202	< 3	< 0.2	2.85	2	210	< 0.5	< 2	0.96	< 0.5	11	37	34	3.58	< 10	20	0.21	< 10	0.63	710
18150E 10300W	201 202	< 3	< 0.2	2.68	< 2	260	< 0.5	< 2	1.28	< 0.5	12	36	43	3.59	< 10	10	0.27	< 10	0.65	780
18150E 10325W	201 202	< 3	< 0.2	2.85	< 2	270	< 0.5	< 2	1.01	< 0.5	11	34	35	3.30	< 10	10	0.23	< 10	0.60	770
18150E 10350W	201 202	< 3	< 0.2	2.58	6	190	< 0.5	< 2	0.72	< 0.5	11	33	34	3.11	< 10	10	0.26	< 10	0.53	740
18150E 10375W	201 202	< 3	< 0.2	2.50	< 2	220	< 0.5	< 2	0.90	< 0.5	10	28	27	3.22	< 10	10	0.20	< 10	0.59	560
18150E 10400W	201 202	< 3	< 0.2	2.15	2	230	< 0.5	< 2	1.03	< 0.5	13	24	40	3.23	< 10	60	0.23	< 10	0.62	755
18150E 10425W	201 202	< 3	< 0.2	2.11	6	190	< 0.5	< 2	0.90	< 0.5	12	32	33	3.23	< 10	10	0.23	< 10	0.61	730
18150E 10450W	201 202	< 3	< 0.2	2.16	2	180	< 0.5	< 2	1.09	< 0.5	11	32	32	3.23	< 10	< 10	0.20	< 10	0.66	515
18150E 10475W	201 202	< 3	< 0.2	2.34	4	230	< 0.5	< 2	1.61	< 0.5	13	34	54	3.43	< 10	30	0.38	< 10	0.95	660
18150E 10500W	201 202	< 3	< 0.2	2.09	6	190	< 0.5	< 2	0.97	< 0.5	13	36	41	3.39	< 10	20	0.20	< 10	0.72	690
18150E 10525W	201 202	< 3	< 0.2	2.40	6	280	< 0.5	< 2	0.68	< 0.5	11	27	26	2.82	< 10	< 10	0.16	< 10	0.52	770
18150E 10550W	201 202	10	< 0.2	2.28	8	220	< 0.5	< 2	1.05	< 0.5	14	34	37	3.35	< 10	10	0.23	< 10	0.65	900
18150E 10575W	201 202	< 3	< 0.2	1.89	< 2	230	< 0.5	< 2	1.14	< 0.5	12	28	34	2.73	< 10	40	0.24	< 10	0.58	910

CERTIFICATION: *Grant Crooker*



# Chemex Labs Ltd.

Analytical Chemists / Geochemists / Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-B  
Total Pages : 5  
Certificate Date: 16-JUL-98  
Invoice No. : 19623221  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18050E 11150W	201 202	1	0.04	14	1040	4	< 2	6	43	0.15	< 10	< 10	63	< 10	140
18050E 11175W	201 202	1	0.01	17	490	6	< 2	9	73	0.22	< 10	< 10	145	< 10	64
18050E 11200W	201 202	2	0.03	11	340	2	< 2	6	53	0.18	< 10	< 10	85	< 10	60
18050E 11215W	201 202	1	0.03	9	460	1	< 2	4	30	0.11	< 10	< 10	49	< 10	80
18050E 11225W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18150E 09725W	201 202	2	0.01	15	420	< 2	< 2	8	59	0.18	< 10	< 10	93	< 10	58
18150E 09750W	201 202	1	0.01	15	560	2	< 2	8	51	0.18	< 10	< 10	97	< 10	46
18150E 09775W	201 202	2	0.01	16	470	6	< 2	9	65	0.20	< 10	< 10	112	< 10	44
18150E 09800W	201 202	1	0.02	15	570	4	< 2	9	68	0.20	< 10	< 10	99	< 10	56
18150E 09825W	201 202	1	0.02	18	810	2	< 2	11	83	0.24	< 10	< 10	127	< 10	54
18150E 09850W	201 202	1	0.02	12	320	4	< 2	8	78	0.23	< 10	< 10	102	< 10	40
18150E 09875W	201 202	2	0.03	18	750	2	< 2	9	79	0.20	< 10	< 10	95	< 10	66
18150E 09900W	201 202	< 1	0.01	13	540	4	< 2	8	47	0.21	< 10	< 10	100	< 10	60
18150E 09925W	201 202	1	0.02	17	640	6	< 2	11	76	0.22	< 10	< 10	110	< 10	58
18150E 09950W	201 202	< 1	0.01	15	750	8	< 2	9	77	0.19	< 10	< 10	112	< 10	44
18150E 09975W	201 202	< 1	0.01	20	690	< 2	< 2	13	95	0.23	< 10	< 10	128	< 10	56
18150E 10000W	201 202	< 1	0.01	13	550	< 2	< 2	8	68	0.21	< 10	< 10	108	< 10	52
18150E 10025W	201 202	< 1	0.01	11	530	6	< 2	7	67	0.21	< 10	< 10	102	< 10	36
18150E 10050W	201 202	1	0.01	11	620	2	< 2	7	66	0.20	< 10	< 10	96	< 10	45
18150E 10075W	201 202	1</													



**Chemex Labs Ltd.**  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTECH CONSULTANTS LTD.  
 6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9  
 Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :2-A  
 Total Pages :5  
 Certificate Date: 16-JUL-96  
 Invoice No. :19623221  
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 Account :LOY

**CERTIFICATE OF ANALYSIS A9623221**

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18150E 10600W	201 202	< 5	< 0.2	3.38	< 2	300	0.5	< 2	1.34	< 0.5	15	39	43	3.74	< 10	60	0.24	< 10	0.86	885
18150E 10625W	201 202	< 5	< 0.2	2.24	< 2	210	< 0.5	< 2	1.26	< 0.5	14	35	40	3.40	< 10	60	0.20	< 10	0.71	880
18150E 10650W	201 202	< 5	< 0.2	2.47	< 2	190	< 0.5	< 2	0.96	< 0.5	12	36	30	2.42	< 10	< 10	0.21	< 10	0.59	725
18150E 10675W	201 202	< 5	< 0.2	2.09	< 2	160	< 0.5	< 2	0.95	< 0.5	12	36	29	3.36	< 10	10	0.16	< 10	0.59	700
18150E 10700W	201 202	< 5	< 0.2	2.35	< 2	180	< 0.5	< 2	1.38	< 0.5	13	38	44	3.46	< 10	40	0.19	< 10	0.69	680
18150E 10725W	201 202	< 5	< 0.2	2.20	< 2	200	< 0.5	< 2	0.98	< 0.5	12	31	37	3.08	< 10	20	0.28	< 10	0.63	755
18150E 10750W	201 202	< 5	< 0.2	2.03	< 2	180	< 0.5	< 2	0.84	< 0.5	13	33	29	3.78	< 10	10	0.18	< 10	0.45	735
18150E 10775W	201 202	< 5	< 0.2	2.05	< 2	130	< 0.5	< 2	0.90	< 0.5	11	36	25	4.01	< 10	10	0.19	< 10	0.52	395
18150E 10825W	201 202	< 5	< 0.2	2.16	< 2	180	0.5	< 2	2.68	< 0.5	17	37	51	3.91	< 10	80	0.12	< 10	0.81	745
18150E 10850W	201 202	< 5	< 0.2	2.51	< 2	180	0.5	< 2	0.80	< 0.5	12	32	31	3.59	< 10	< 10	0.18	< 10	0.49	525
18150E 10875W	201 202	< 5	< 0.2	2.62	< 2	160	0.5	< 2	0.78	< 0.5	12	33	30	3.77	< 10	10	0.16	< 10	0.48	450
18150E 10900W	201 202	< 5	< 0.2	2.31	< 2	280	< 0.5	< 2	0.89	< 0.5	13	28	23	3.36	< 10	20	0.16	< 10	0.52	1145
18150E 10925W	201 202	< 5	< 0.2	1.94	< 2	180	< 0.5	< 2	0.90	< 0.5	13	31	28	3.49	< 10	10	0.16	< 10	0.56	755
18150E 10950W	201 202	< 5	< 0.2	1.82	< 2	170	< 0.5	< 2	0.54	< 0.5	10	22	16	2.38	< 10	< 10	0.19	< 10	0.38	595
18150E 10975W	201 202	< 5	< 0.2	1.59	< 2	210	< 0.5	< 2	1.05	< 0.5	15	28	35	2.96	< 10	10	0.25	< 10	0.60	805
18150E 11000W	201 202	< 5	< 0.2	3.27	< 2	290	0.5	< 2	0.92	< 0.5	15	32	40	3.40	< 10	10	0.19	< 10	0.59	885
18150E 11025W	201 202	< 5	< 0.2	3.74	< 2	420	0.5	< 2	0.74	< 0.5	10	26	27	3.06	< 10	20	0.19	< 10	0.45	970
18150E 11050W	201 202	< 5	< 0.2	1.74	< 2	180	< 0.5	< 2	1.05	< 0.5	14	33	32	3.33	< 10	20	0.17	< 10	0.52	850
18150E 11075W	201 202	< 5	< 0.2	1.86	< 2	200	< 0.5	< 2	0.94	< 0.5	13	31	28	3.25	< 10	10	0.23	< 10	0.49	860
18150E 11100W	201 202	< 5	< 0.2	2.28	< 2	240	0.5	< 2	1.05	< 0.5	13	31	31	3.28	< 10	10	0.33	< 10	0.53	920
18150E 11125W	201 202	< 5	< 0.2	2.13	< 2	280	< 0.5	< 2	0.96	< 0.5	16	33	39	3.66	< 10	10	0.38	< 10	0.59	1235
18150E 11150W	201 202	< 5	< 0.2	1.97	< 2	190	0.5	< 2	1.56	< 0.5	17	33	47	3.73	< 10	40	0.22	< 10	0.75	895
18150E 11175W	201 202	< 5	< 0.2	2.81	< 2	400	0.5	< 2	1.37	< 0.5	17	39	67	3.94	< 10	30	0.52	< 10	0.84	1525
18150E 11200W	201 202	< 5	< 0.2	3.20	< 2	310	0.5	< 2	1.32	< 0.5	19	44	67	4.41	< 10	50	0.40	< 10	1.01	1340
18150E 11225W	201 202	< 5	< 0.2	3.32	< 2	380	0.5	< 2	0.96	< 0.5	12	28	28	3.17	< 10	30	0.27	< 10	0.54	1450
18150E 11250W	201 202	< 5	< 0.2	3.61	< 2	480	0.5	< 2	1.21	< 0.5	16	40	45	4.08	< 10	40	0.33	< 10	0.67	1020
18150E 09725W	201 202	< 5	< 0.2	2.01	< 2	160	< 0.5	< 2	0.87	< 0.5	11	34	32	3.28	< 10	20	0.19	< 10	0.70	630
18150E 09750W	201 202	< 5	< 0.2	2.50	< 2	170	0.5	< 2	0.89	< 0.5	15	40	59	3.70	< 10	30	0.28	< 10	0.82	690
18150E 09775W	201 202	< 5	< 0.2	2.41	< 2	260	0.5	< 2	1.10	< 0.5	14	33	58	3.06	< 10	20	0.24	< 10	0.72	880
18150E 09800W	201 202	< 5	< 0.2	2.35	< 2	210	< 0.5	< 2	1.02	< 0.5	16	39	36	3.70	< 10	20	0.26	< 10	0.77	1060
18150E 09825W	201 202	< 5	< 0.2	2.21	< 2	170	< 0.5	< 2	1.02	< 0.5	14	39	39	3.66	< 10	30	0.25	< 10	0.76	710
18150E 09850W	201 202	< 5	< 0.2	2.66	< 2	220	< 0.5	< 2	1.34	< 0.5	16	42	63	3.82	< 10	40	0.32	< 10	0.92	930
18150E 09875W	201 202	< 5	< 0.2	2.65	< 2	210	< 0.5	< 2	1.20	< 0.5	17	38	52	3.62	< 10	30	0.35	< 10	0.83	960
18150E 09900W	201 202	< 5	< 0.2	2.40	< 2	170	< 0.5	< 2	0.94	< 0.5	12	38	39	3.53	< 10	10	0.23	< 10	0.76	540
18150E 09925W	201 202	< 5	< 0.2	1.80	< 2	150	< 0.5	< 2	0.73	< 0.5	10	29	20	2.94	< 10	10	0.19	< 10	0.51	855
18150E 09950W	201 202	< 5	< 0.2	1.86	< 2	140	< 0.5	< 2	0.85	< 0.5	11	33	28	3.27	< 10	< 10	0.15	< 10	0.61	415
18150E 09975W	201 202	< 5	< 0.2	1.85	< 2	140	< 0.5	< 2	0.82	< 0.5	12	33	31	3.20	< 10	< 10	0.23	< 10	0.65	545
18150E 10000W	201 202	< 5	< 0.2	1.88	< 2	130	< 0.5	< 2	0.74	< 0.5	12	30	28	3.04	< 10	< 10	0.19	< 10	0.58	490
18150E 10025W	201 202	< 5	< 0.2	1.82	< 2	150	< 0.5	< 2	0.59	< 0.5	9	23	16	2.39	< 10	< 10	0.17	< 10	0.42	625
18150E 10050W	201 202	< 5	< 0.2	1.90	< 2	200	< 0.5	< 2	0.73	< 0.5	9	27	20	2.71	< 10	< 10	0.18	< 10	0.47	770

CERTIFICATION: *[Signature]*



**Chemex Labs Ltd.**  
 Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTECH CONSULTANTS LTD.  
 6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9  
 Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :2 B  
 Total Pages :5  
 Certificate Date: 16-JUL-96  
 Invoice No. :19623221  
 P.O. Number :  
 Account :LOY

**CERTIFICATE OF ANALYSIS A9623221**

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	So ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18150E 10600W	201 202	1	0.01	19	920	4	6	10	79	0.17	< 10	< 10	110	< 10	50
18150E 10625W	201 202	1	0.01	16	520	2	8	8	92	0.17	< 10	< 10	100	< 10	48
18150E 10650W	201 202	< 1	0.01	12	470	2	2	8	82	0.19	< 10	< 10	102	< 10	64
18150E 10675W	201 202	< 1	0.01	12	480	2	2	8	72	0.19	< 10	< 10	104	< 10	60
18150E 10700W	201 202	< 1	0.01	16	710	4	< 2	8	94	0.18	< 10	< 10	106	< 10	66
18150E 10725W	201 202	< 1	0.02	12	610	2	2	7	74	0.16	< 10	< 10	85	< 10	46
18150E 10750W	201 202	< 1	0.01	11	490	2	6	6	54	0.18	< 10	< 10	120	< 10	48
18150E 10775W	201 202	< 1	0.01	10	290	2	8	7	60	0.21	< 10	< 10	129	< 10	66
18150E 10825W	201 202	< 1	< 0.01	15	1060	4	10	9	92	0.14	< 10	< 10	127	< 10	64
18150E 10850W	201 202	< 1	0.01	12	420	6	6	8	52	0.18	< 10	< 10	107	< 10	62
18150E 10875W	201 202	< 1	0.01	11	370	6	6	7	50	0.19	< 10	< 10	115	< 10	54
18150E 10900W	201 202	< 1	0.01	13	680	4	2	5	43	0.18	< 10	< 10	91	< 10	96
18150E 10925W	201 202	< 1	< 0.01	12	290	4	6	6	39	0.16	< 10	< 10	104	< 10	46
18150E 10950W	201 202	< 1	0.02	8	370	4	6	4	29	0.11	< 10	< 10	63	< 10	62
18150E 10975W	201 202	< 1	< 0.01	13	350	4	< 2	7	51	0.10	< 10	< 10	83	< 10	34
18150E 11000W	201 202	< 1	0.01	14	440	6	8	8	43	0.16	< 10	< 10	80	< 10	56
18150E 11025W	201 202	< 1	0.03	16	740	6	6	7	40	0.16	< 10	< 10	67	< 10	106
18150E 11050W	201 202	< 1	< 0.01	11	310	2	6	7	66	0.17	< 10	< 10	107	< 10	38
18150E 11075W	201 202	< 1	0.01	11	370	6	< 2	7	67	0.17	< 10	< 10	102	< 10	42
18150E 11100W	201 202	< 1	0.01	12	370	6	8	7	66	0.16	< 10	< 10	96	<	



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

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 Total Pages : 5  
 Certificate Date: 18-JUL-98  
 Invoice No. : 19623221  
 P.O. Number :  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18250E 10075N	201 202	< 5 < 0.2	2.29	6	200 < 0.5	< 2	0.96 < 0.5	12	35	33	3.22 < 10	20	0.21 < 10	0.61	735					
18250E 10100N	201 202	< 5 < 0.2	2.22	6	240 < 0.5	< 2	1.34 < 0.5	12	33	50	3.09 < 10	30	0.27 < 10	0.79	700					
18250E 10125N	201 202	< 5 < 0.2	1.97	2	200 < 0.5	< 2	1.04 < 0.5	12	38	31	3.48 < 10	20	0.17 < 10	0.62	665					
18250E 10130N	201 202	< 5 < 0.2	1.90	4	140 < 0.5	< 2	0.96 < 0.5	13	34	28	3.22 < 10	10	0.17 < 10	0.58	740					
18250E 10175N	201 202	< 5 < 0.2	1.67	6	110 < 0.5	< 2	0.77 < 0.5	10	31	18	2.99 < 10	20	0.14 < 10	0.49	470					
18250E 10200N	201 202	< 5 < 0.2	2.11	< 2	170 < 0.5	< 2	0.85 < 0.5	10	31	23	3.03 < 10	10	0.15 < 10	0.52	535					
18250E 10225N	201 202	< 5 < 0.2	2.16	4	180 < 0.5	< 2	1.45 < 0.5	10	32	51	2.98 < 10	30	0.24 < 10	0.94	395					
18250E 10250N	201 202	< 5 < 0.2	2.57	8	290 < 0.5	< 2	1.11 < 0.5	16	39	39	3.74 < 10	20	0.29 < 10	0.69	1015					
18250E 10275N	201 202	< 5 < 0.2	2.75	6	240 < 0.5	< 2	1.23 < 0.5	17	45	65	4.13 < 10	30	0.27 < 10	0.94	880					
18250E 10300N	201 202	< 5 < 0.2	2.56	10	210 < 0.5	< 2	1.21 < 0.5	15	41	49	3.81 < 10	40	0.23 < 10	0.80	790					
18250E 10325N	201 202	< 5 < 0.2	2.59	2	200 < 0.5	< 2	1.14 < 0.5	15	42	50	3.76 < 10	30	0.25 < 10	0.84	730					
18250E 10350N	201 202	< 5 < 0.2	3.93	8	180 < 0.5	< 2	1.20 < 0.5	16	46	55	4.17 < 10	30	0.29 < 10	0.92	760					
18250E 10375N	201 202	< 5 < 0.2	2.72	10	180 < 0.5	< 2	1.18 < 0.5	15	43	51	4.00 < 10	30	0.23 < 10	0.85	680					
18250E 10400N	201 202	< 5 < 0.2	2.34	< 2	140 < 0.5	< 2	0.91 < 0.5	10	37	37	3.40 < 10	< 10	0.20 < 10	0.58	365					
18250E 10425N	201 202	< 5 < 0.2	1.91	< 2	120 < 0.5	< 2	0.70 < 0.5	8	30	17	2.77 < 10	10	0.17 < 10	0.44	470					
18250E 10450N	201 202	< 5 < 0.4	1.98	< 2	120 < 0.5	< 2	0.83 < 0.5	10	35	27	3.28 < 10	20	0.19 < 10	0.57	335					
18250E 10475N	201 202	< 5 < 0.2	2.11	6	190 < 0.5	< 2	1.19 < 0.5	12	35	34	3.41 < 10	40	0.19 < 10	0.66	470					
18250E 10500N	201 202	< 5 < 0.2	2.33	< 2	160 < 0.5	< 2	1.11 < 0.5	14	41	37	3.74 < 10	60	0.21 < 10	0.47	705					
18250E 10525N	201 202	< 5 < 0.2	2.28	8	210 < 0.5	< 2	1.36 < 0.5	15	39	43	3.67 < 10	40	0.21 < 10	0.72	940					
18250E 10550N	201 202	< 5 < 0.2	2.24	< 2	140 < 0.5	< 2	1.10 < 0.5	13	38	31	3.53 < 10	10	0.24 < 10	0.61	745					
18250E 10575N	201 202	10 < 0.2	2.63	10	220 < 0.5	< 2	1.24 < 0.5	11	36	61	3.30 < 10	40	0.22 < 10	0.71	455					
18250E 10600N	201 202	5 < 0.2	2.40	8	300 < 0.5	< 2	1.30 < 0.5	12	36	49	3.33 < 10	30	0.21 < 10	0.88	560					
18250E 10625N	201 202	5 < 0.2	2.35	< 2	210 < 0.5	< 2	1.01 < 0.5	13	35	35	3.35 < 10	10	0.24 < 10	0.70	685					
18250E 10650N	201 202	20 < 0.2	2.29	6	190 < 0.5	< 2	1.04 < 0.5	13	36	32	3.44 < 10	30	0.27 < 10	0.61	845					
18250E 10675N	201 202	< 5 < 0.2	2.03	4	150 < 0.5	< 2	0.96 < 0.5	12	37	24	3.47 < 10	10	0.17 < 10	0.52	440					
18250E 10700N	201 202	10 < 0.2	2.09	< 2	140 < 0.5	< 2	0.82 < 0.5	11	35	23	3.29 < 10	< 10	0.17 < 10	0.50	435					
18250E 10725N	201 202	15 < 0.2	3.01	< 2	210 < 0.5	< 2	1.09 < 0.5	14	35	27	3.75 < 10	20	0.22 < 10	0.57	740					
18250E 10750N	201 202	10 < 0.2	1.75	4	130 < 0.5	< 2	3.02 < 0.5	18	33	48	3.93 < 10	90	0.09 < 10	0.83	790					
18250E 10800N	201 202	25 < 0.2	2.30	8	150 < 0.5	< 2	0.83 < 0.5	11	31	27	3.25 < 10	30	0.13 < 10	0.45	465					
18250E 10825N	201 202	10 < 0.2	1.91	< 2	150 < 0.5	< 2	0.65 < 0.5	8	25	17	2.69 < 10	10	0.12 < 10	0.35	455					
18250E 10850N	201 202	< 5 < 0.2	2.14	< 2	160 < 0.5	< 2	0.66 < 0.5	8	28	22	2.94 < 10	< 10	0.18 < 10	0.43	475					
18250E 10875N	201 202	< 5 < 0.2	2.49	< 2	210 < 0.5	< 2	1.22 < 0.5	17	40	43	4.06 < 10	20	0.19 < 10	0.86	765					
18250E 10900N	201 202	< 5 < 0.2	1.47	< 2	150 < 0.5	< 2	0.89 < 0.5	11	33	27	3.53 < 10	20	0.14 < 10	0.51	505					
18250E 10925N	201 202	< 5 < 0.2	2.50	6	210 < 0.5	< 2	1.00 < 0.5	14	36	36	3.88 < 10	10	0.20 < 10	0.41	945					
18250E 10950N	201 202	10 < 0.2	1.58	2	190 < 0.5	< 2	0.85 < 0.5	13	25	22	2.83 < 10	30	0.15 < 10	0.41	1190					
18250E 10975N	201 202	< 5 < 0.2	1.97	2	250 < 0.5	< 2	0.89 < 0.5	16	30	30	3.24 < 10	30	0.20 < 10	0.52	1340					
18250E 11000N	201 202	< 5 < 0.2	2.36	2	160 < 0.5	< 2	1.22 < 0.5	17	40	43	4.06 < 10	20	0.19 < 10	0.86	765					
18250E 11025N	201 202	< 5 < 0.2	1.78	8	210 < 0.5	< 2	0.90 < 0.5	15	39	30	3.11 < 10	10	0.18 < 10	0.47	975					
18250E 11050N	201 202	< 5 < 0.2	1.92	6	250 < 0.5	< 2	0.86 < 0.5	13	24	28	2.67 < 10	< 10	0.30 < 10	0.44	1015					
18250E 11075N	201 202	< 5 < 0.2	2.04	< 2	200 < 0.5	< 2	1.02 < 0.5	17	31	39	3.63 < 10	20	0.33 < 10	0.71	1075					

CERTIFICATION:

*Grant Crooker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

Page Number : 3-B  
 Total Pages : 5  
 Certificate Date: 18-JUL-98  
 Invoice No. : 19623221  
 P.O. Number :  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18250E 10075N	201 202	< 1	0.01	14	520	6	2	8	61	0.19	< 10	< 10	97	< 10	46
18250E 10100N	201 202	< 1	0.02	15	520	2	2	7	85	0.14	< 10	< 10	87	< 10	43
18250E 10125N	201 202	< 1	0.01	12	340	2	2	7	66	0.22	< 10	< 10	108	< 10	36
18250E 10150N	201 202	1	0.01	12	470	4	2	7	51	0.20	< 10	< 10	101	< 10	42
18250E 10175N	201 202	1	0.01	9	520	2	< 2	5	45	0.18	< 10	< 10	92	< 10	40
18250E 10200N	201 202	< 1	0.01	11	600	6	2	6	56	0.18	< 10	< 10	90	< 10	52
18250E 10225N	201 202	< 1	0.03	14	450	8	< 2	7	92	0.14	< 10	< 10	93	< 10	46
18250E 10250N	201 202	< 1	0.01	15	480	4	< 2	8	48	0.21	< 10	< 10	111	< 10	54
18250E 10275N	201 202	< 1	0.01	19	580	6	2	11	84	0.20	< 10	< 10	130	< 10	48
18250E 10300N	201 202	< 1	0.01	17	510	4	6	9	80	0.20	< 10	< 10	117	< 10	54
18250E 10325N	201 202	1	0.01	18	430	2	4	10	80	0.21	< 10	< 10	115	< 10	58
18250E 10350N	201 202	< 1	0.01	19	510	4	6	11	85	0.23	< 10	< 10	126	< 10	58
18250E 10375N	201 202	< 1	0.01	18	460	6	6	10	81	0.23	< 10	< 10	121	< 10	54
18250E 10400N	201 202	< 1	0.01	13	300	4	2	7	70	0.22	< 10	< 10	109	< 10	40
18250E 10425N	201 202	< 1	0.01	11	440	2	2	5	53	0.18	< 10	< 10	83	< 10	52
18250E 10450N	201 202	< 1	0.01	11	390	2	4	7	56	0.21	< 10	< 10	103	< 10	42
18250E 10475N	201 202	< 1	0.01	12	390	4	6	8	80	0.19	< 10	< 10	102	< 10	42
18250E 10500N	201 202	1	0.01	15	590	2	2	9	83	0.21	< 10	< 10	118	< 10	46
18250E 10525N	201 202	1	0.01	15	590	< 2	2	9	94	0.20	< 10	< 10	112	< 10	52
18250E 10550N	201 202	1	0.01	14	560	2	< 2	8	84	0.19	< 10	< 10	109	< 10	48
18250E 10575N	201 202	< 1	0.01	15	590	2	< 2	8	86	0.17	< 10	< 10	93	< 10	44
18250E 10600N	201 202	< 1	0.02	17	590	2	6	8	104	0.17	< 10	< 10	100	< 10	42
18250E 10625N	201 202	1	0.01	12	430	4	6	8	88	0.18	< 10	< 10	98	< 10	42
18250E 10650N	201 202	< 1	0.01	14	530	4	< 2	8	74	0.20	< 10	< 10	104	< 10	50
18250E 10675N	201 202	< 1	0.01	11	330	< 2	2								



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-A  
 Total Pages : 5  
 Certificate Date: 16-JUL-96  
 Invoice No. : 19623221  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Ba ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10250E 11100W	201 202	< 5	< 0.2	1.51	< 2	280	< 0.5	< 2	0.75	< 0.5	12	22	27	2.51	< 10	20	0.38	< 10	0.45	895
10250E 11125W	201 202	< 5	< 0.2	2.32	< 2	330	0.3	< 2	0.62	< 0.5	11	22	22	2.49	< 10	10	0.42	< 10	0.44	1110
10250E 11150W	201 202	< 5	< 0.2	3.10	< 2	320	0.5	< 2	0.99	< 0.5	15	37	51	2.94	< 10	30	0.23	< 10	0.77	810
10250E 11175W	201 202	< 5	< 0.2	2.45	< 2	300	< 0.5	< 2	1.02	< 0.5	10	22	27	2.56	< 10	60	0.20	< 10	0.40	1165
10250E 11200W	201 202	< 5	< 0.2	2.48	< 2	230	0.5	< 2	1.07	< 0.5	14	33	39	2.59	< 10	30	0.36	< 10	0.71	800
10250E 11225W	201 202	< 5	< 0.2	2.50	< 2	380	0.5	< 2	0.87	< 0.5	12	27	26	3.03	< 10	40	0.33	< 10	0.50	1390
10250E 11250W	201 202	< 5	< 0.2	2.95	< 2	380	0.5	< 2	1.12	< 0.5	16	34	50	3.74	< 10	10	0.39	< 10	0.71	1485
10250E 09725W	201 202	< 5	< 0.2	2.27	< 2	210	< 0.5	< 2	0.77	< 0.5	12	33	26	3.27	< 10	30	0.21	< 10	0.64	895
10250E 09750W	201 202	< 5	< 0.2	2.29	< 2	160	< 0.5	< 2	0.73	< 0.5	9	39	20	3.16	< 10	10	0.19	< 10	0.56	570
10250E 09775W	201 202	< 5	< 0.2	1.99	< 2	170	< 0.5	< 2	0.65	< 0.5	9	28	16	2.79	< 10	30	0.19	< 10	0.48	890
10250E 09800W	201 202	< 5	< 0.2	1.92	< 2	190	< 0.5	< 2	1.41	< 0.5	12	39	47	3.24	< 10	50	0.17	< 10	0.78	925
10250E 09825W	201 202	10	< 0.2	1.91	< 2	180	< 0.5	< 2	1.50	< 0.5	13	52	50	3.12	< 10	50	0.09	< 10	0.90	1115
10250E 09850W	201 202	< 5	< 0.2	2.38	< 2	180	< 0.5	< 2	1.62	< 0.5	16	45	82	4.09	< 10	10	0.29	< 10	1.19	740
10250E 09875W	201 202	< 5	< 0.2	1.91	< 2	230	< 0.5	< 2	0.96	< 0.5	13	33	44	2.92	< 10	20	0.23	< 10	0.77	835
10250E 09900W	201 202	< 5	< 0.2	1.78	< 2	180	< 0.5	< 2	0.77	< 0.5	12	31	30	2.80	< 10	20	0.21	< 10	0.63	700
10250E 09925W	201 202	< 5	< 0.2	1.85	< 2	170	< 0.5	< 2	0.66	< 0.5	11	31	26	2.67	< 10	20	0.17	< 10	0.62	300
10250E 09950W	201 202	15	< 0.2	1.46	< 2	140	< 0.5	< 2	0.63	< 0.5	10	29	29	2.95	< 10	10	0.18	< 10	0.66	600
10250E 09975W	201 202	< 5	< 0.2	1.68	< 2	120	< 0.5	< 2	0.66	< 0.5	11	39	28	2.97	< 10	10	0.15	< 10	0.70	520
10250E 10025W	201 202	< 5	< 0.2	2.94	< 2	170	0.5	< 2	1.56	< 0.5	13	43	73	2.44	< 10	40	0.30	< 10	1.45	510
10250E 10050W	201 202	< 5	< 0.2	2.50	< 2	210	0.5	< 2	1.20	< 0.5	15	40	53	2.30	< 10	30	0.34	< 10	1.09	765
10250E 10075W	201 202	< 5	< 0.2	2.45	< 2	230	< 0.5	< 2	1.16	< 0.5	12	35	44	2.95	< 10	30	0.27	< 10	0.83	740
10250E 10100W	201 202	< 5	< 0.2	2.56	< 2	220	< 0.5	< 2	1.30	< 0.5	10	36	46	3.07	< 10	40	0.26	< 10	0.82	490
10250E 10125W	201 202	< 5	< 0.2	2.38	< 2	180	< 0.5	< 2	0.99	< 0.5	12	40	37	3.16	< 10	10	0.26	< 10	0.71	720
10250E 10150W	201 202	< 5	< 0.2	2.58	< 2	230	< 0.5	< 2	1.32	< 0.5	15	41	61	3.47	< 10	50	0.19	< 10	0.90	910
10250E 10175W	201 202	< 5	< 0.2	2.85	< 2	240	0.5	< 2	1.28	< 0.5	17	44	62	4.00	< 10	30	0.38	< 10	0.97	890
10250E 10200W	201 202	< 5	< 0.2	2.42	< 2	190	< 0.5	< 2	1.00	< 0.5	13	35	37	3.37	< 10	10	0.39	< 10	0.49	870
10250E 10225W	201 202	< 5	< 0.2	2.26	< 2	190	< 0.5	< 2	1.06	< 0.5	13	36	39	3.39	< 10	20	0.28	< 10	0.72	780
10250E 10250W	201 202	< 5	< 0.2	2.79	< 2	210	0.5	< 2	1.17	< 0.5	14	39	54	3.62	< 10	30	0.29	< 10	0.84	900
10250E 10275W	201 202	< 5	< 0.2	2.79	< 2	200	0.5	< 2	1.34	< 0.5	15	41	61	3.47	< 10	50	0.19	< 10	1.01	860
10250E 10300W	201 202	< 5	< 0.2	2.78	< 2	250	0.5	< 2	1.50	< 0.5	12	39	61	3.29	< 10	30	0.31	< 10	1.02	740
10250E 10325W	201 202	< 5	< 0.2	2.61	< 2	240	< 0.5	< 2	1.51	< 0.5	13	43	53	3.34	< 10	30	0.22	< 10	1.03	740
10250E 10350W	201 202	< 5	< 0.2	2.66	< 2	230	0.5	< 2	1.19	< 0.5	15	39	56	3.49	< 10	30	0.36	< 10	0.88	815
10250E 10375W	201 202	< 5	< 0.2	2.35	< 2	200	< 0.5	< 2	1.11	< 0.5	12	39	34	3.34	< 10	30	0.23	< 10	0.64	720
10250E 10400W	201 202	< 5	< 0.2	2.43	< 2	180	0.5	< 2	1.04	< 0.5	12	39	42	3.17	< 10	10	0.21	< 10	0.64	720
10250E 10425W	201 202	< 5	< 0.2	2.31	< 2	210	< 0.5	< 2	1.11	< 0.5	14	37	37	3.44	< 10	30	0.23	< 10	0.69	935
10250E 10450W	201 202	< 5	< 0.2	1.93	< 2	140	< 0.5	< 2	0.69	< 0.5	9	26	20	2.72	< 10	30	0.30	< 10	0.47	640
10250E 10475W	201 202	< 5	< 0.2	1.90	< 2	150	< 0.5	< 2	0.75	< 0.5	9	25	21	2.91	< 10	20	0.15	< 10	0.44	670
10250E 10500W	201 202	< 5	< 0.2	2.16	< 2	190	< 0.5	< 2	1.13	< 0.5	14	38	42	3.31	< 10	30	0.25	< 10	0.74	815
10250E 10525W	201 202	< 5	< 0.2	2.06	< 2	160	< 0.5	< 2	1.00	< 0.5	12	34	31	3.22	< 10	10	0.24	< 10	0.41	770
10250E 10550W	201 202	< 5	< 0.2	2.52	< 2	300	0.5	< 2	1.28	< 0.5	15	38	56	3.59	< 10	50	0.26	< 10	0.86	830

CERTIFICATION: [Signature]



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 16-JUL-96  
 Invoice No. : 19623221  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10250E 11100W	201 202	< 1	0.01	12	320	2	6	5	40	0.09	< 10	< 10	67	< 10	44
10250E 11125W	201 202	< 1	0.02	11	440	2	6	6	29	0.09	< 10	< 10	52	< 10	68
10250E 11150W	201 202	< 1	0.01	18	690	4	6	10	43	0.15	< 10	< 10	95	< 10	70
10250E 11200W	201 202	< 1	0.02	11	540	6	10	6	50	0.13	< 10	< 10	45	< 10	80
10250E 11200W	201 202	< 1	0.01	16	530	2	6	8	53	0.17	< 10	< 10	96	< 10	68
10250E 11225W	201 202	< 1	0.01	13	480	4	8	7	39	0.12	< 10	< 10	67	< 10	98
10250E 11250W	201 202	< 1	0.01	19	630	2	2	9	48	0.15	< 10	< 10	84	< 10	102
10250E 09725W	201 202	< 1	< 0.01	13	450	4	2	7	47	0.19	< 10	< 10	89	< 10	72
10250E 09750W	201 202	< 1	< 0.01	11	420	2	8	6	44	0.18	< 10	< 10	89	< 10	54
10250E 09775W	201 202	< 1	< 0.01	11	440	2	6	6	44	0.17	< 10	< 10	82	< 10	60
10250E 09800W	201 202	2	< 0.01	16	1440	< 2	2	7	84	0.14	< 10	< 10	102	< 10	50
10250E 09825W	201 202	< 1	< 0.01	20	1380	2	6	7	83	0.16	< 10	< 10	96	< 10	28
10250E 09850W	201 202	< 1	< 0.01	21	1320	2	10	9	74	0.17	< 10	< 10	133	< 10	50
10250E 09875W	201 202	< 1	< 0.01	15	630	2	10	6	54	0.13	< 10	< 10	85	< 10	46
10250E 09900W	201 202	< 1	< 0.01	13	580	2	6	6	37	0.13	< 10	< 10	79	< 10	38
10250E 09925W	201 202	< 1	< 0.01	12	830	2	8	6	33	0.13	< 10	< 10	76	< 10	40
10250E 09950W	201 202	< 1	< 0.01	12	320	< 2	4	8	20	0.15	< 10	< 10	77	< 10	36
10250E 09975W	201 202	< 1	< 0.01	13	560	2	2	5	39	0.16	< 10	< 10	91	< 10	38
10250E 10025W	201 202	< 1	< 0.01	21	1440	2	8	9	111	0.14	< 10	< 10	9		



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 16-JUL-96  
 Invoice No. :19623221  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Au ppb FAAA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
10350E 10575H	201 202	< 5	< 0.2	2.20	2	200	< 0.5	2	1.18	< 0.5	14	34	49	3.29	< 10	40	0.37	< 10	0.76	895
10350E 10400H	201 202	< 5	< 0.2	2.22	4	220	< 0.5	2	1.06	< 0.5	12	30	39	2.84	< 10	30	0.24	< 10	0.69	1005
10350E 10625H	201 202	< 5	< 0.2	2.27	2	210	< 0.5	2	1.41	< 0.5	14	36	61	3.33	< 10	50	0.22	< 10	1.03	755
10350E 10450H	201 202	< 5	< 0.2	2.22	2	240	< 0.5	2	1.28	< 0.5	13	32	45	3.04	< 10	30	0.26	< 10	0.86	820
10350E 10675H	201 202	< 5	< 0.2	2.35	2	220	< 0.5	2	1.27	< 0.5	13	34	45	3.23	< 10	30	0.25	< 10	0.83	865
10350E 10700H	201 202	< 5	< 0.2	2.12	2	170	< 0.5	2	1.87	< 0.5	13	35	52	3.32	< 10	40	0.21	< 10	0.78	730
10350E 10750H	201 202	< 5	< 0.2	2.90	2	170	< 0.5	2	1.83	< 0.5	14	45	80	4.14	< 10	10	0.23	< 10	0.51	700
10350E 10775H	201 202	10	< 0.2	2.03	2	130	< 0.5	2	0.87	< 0.5	9	32	25	3.01	< 10	10	0.19	< 10	0.52	450
10350E 10800H	201 202	< 5	< 0.2	2.13	2	140	< 0.5	2	0.87	< 0.5	9	31	25	3.04	< 10	10	0.21	< 10	0.49	675
10350E 10825H	201 202	< 5	< 0.2	2.07	2	130	< 0.5	2	0.75	< 0.5	8	30	23	3.00	< 10	10	0.20	< 10	0.45	525
10350E 10850H	201 202	10	< 0.2	2.12	2	190	< 0.5	2	0.87	< 0.5	9	31	26	3.11	< 10	10	0.19	< 10	0.48	650
10350E 10875H	201 202	< 5	< 0.2	1.91	2	160	< 0.5	2	0.95	< 0.5	10	31	26	3.17	< 10	10	0.17	< 10	0.45	640
10350E 10900H	201 202	< 5	< 0.2	1.73	2	150	< 0.5	2	0.72	< 0.5	9	27	19	2.88	< 10	10	0.12	< 10	0.41	540
10350E 10925H	201 202	< 5	< 0.2	1.79	2	140	< 0.5	2	0.77	< 0.5	9	28	20	2.96	< 10	10	0.16	< 10	0.40	595
10350E 10950H	201 202	45	< 0.2	2.15	2	200	< 0.5	2	0.79	< 0.5	9	27	25	2.91	< 10	10	0.24	< 10	0.44	870
10350E 10975H	201 202	< 5	< 0.2	1.91	2	160	< 0.5	2	0.91	< 0.5	10	31	28	3.18	< 10	30	0.24	< 10	0.58	760
10350E 11000H	201 202	< 5	< 0.2	1.69	2	190	< 0.5	2	0.89	< 0.5	9	25	21	2.62	< 10	30	0.17	< 10	0.45	940
10350E 11025H	201 202	10	< 0.2	1.81	2	170	< 0.5	2	1.11	< 0.5	13	36	46	3.70	< 10	10	0.41	< 10	0.65	1095
10350E 11050H	201 202	10	< 0.2	2.35	4	330	< 0.5	2	1.18	< 0.5	13	39	41	3.91	< 10	50	0.19	< 10	0.64	875
10350E 11075H	201 202	< 5	< 0.2	1.98	4	200	< 0.5	2	0.98	< 0.5	12	32	32	3.14	< 10	30	0.34	< 10	0.54	950
10350E 11100H	201 202	< 5	< 0.2	1.93	2	250	< 0.5	2	1.15	< 0.5	12	30	31	2.95	< 10	30	0.20	< 10	0.48	1070
10350E 11125H	201 202	< 5	< 0.2	1.97	2	190	< 0.5	2	0.93	< 0.5	13	31	29	3.07	< 10	30	0.24	< 10	0.54	915
10350E 11150H	201 202	< 5	< 0.2	2.94	2	250	< 0.5	2	1.11	< 0.5	13	36	46	3.70	< 10	10	0.41	< 10	0.65	1095
10350E 11175H	201 202	10	< 0.2	2.50	2	370	< 0.5	2	1.19	< 0.5	13	38	42	3.84	< 10	30	0.44	< 10	0.63	1195
10350E 11200H	201 202	< 5	< 0.2	2.10	2	230	< 0.5	2	0.92	< 0.5	11	31	26	3.23	< 10	30	0.20	< 10	0.45	1160
10350E 11225H	201 202	< 5	< 0.2	2.12	2	260	< 0.5	2	1.17	< 0.5	13	32	30	3.12	< 10	30	0.30	< 10	0.51	1190
10350E 11250H	201 202	< 5	< 0.2	1.95	2	230	< 0.5	2	1.03	< 0.5	11	32	28	3.40	< 10	30	0.26	< 10	0.50	1170
10450E 09745H	201 202	< 5	< 0.2	2.84	2	270	< 0.5	2	1.17	< 0.5	15	40	46	3.60	< 10	30	0.34	< 10	0.81	890
10450E 09750H	201 202	< 5	< 0.2	2.21	2	130	< 0.5	2	0.82	< 0.5	11	25	24	3.27	< 10	10	0.17	< 10	0.62	535
10450E 09775H	201 202	< 5	< 0.2	2.12	2	150	< 0.5	2	0.68	< 0.5	10	32	22	2.91	< 10	10	0.16	< 10	0.55	565
10450E 09800H	201 202	< 5	< 0.2	1.92	2	140	< 0.5	2	0.71	< 0.5	8	30	18	2.76	< 10	10	0.17	< 10	0.46	605
10450E 09825H	201 202	< 5	< 0.2	2.13	2	240	< 0.5	2	1.58	< 0.5	12	37	43	2.03	< 10	40	0.19	< 10	0.81	490
10450E 09850H	201 202	< 5	< 0.2	1.73	2	240	< 0.5	2	4.81	< 0.5	8	23	85	1.90	< 10	100	0.05	< 10	0.85	210
10450E 09875H	201 202	< 5	< 0.2	1.64	2	220	< 0.5	2	0.89	< 0.5	9	26	54	2.16	< 10	70	0.07	< 10	1.14	690
10450E 09900H	201 202	< 5	< 0.2	1.79	2	180	< 0.5	2	2.97	< 0.5	11	37	67	2.49	< 10	90	0.07	< 10	0.90	455
10450E 09925H	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
10450E 09950H	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
10450E 09975H	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
10450E 10000H	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
10450E 10025H	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed

CERTIFICATION: [Signature]



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 16-JUL-96  
 Invoice No. :19623221  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623221

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
10350E 10375H	201 202	2	0.01	16	700	2	6	8	80	0.17	< 10	< 10	102	< 10	54
10350E 10400H	201 202	1	0.01	14	470	2	8	7	85	0.15	< 10	< 10	85	< 10	93
10350E 10625H	201 202	< 1	0.02	18	350	2	8	8	100	0.19	< 10	< 10	103	< 10	46
10350E 10450H	201 202	< 1	0.01	15	400	2	2	7	91	0.14	< 10	< 10	88	< 10	50
10350E 10675H	201 202	< 1	0.02	15	370	4	6	8	95	0.17	< 10	< 10	96	< 10	50
10350E 10700H	201 202	< 1	0.01	15	860	4	8	8	87	0.16	< 10	< 10	105	< 10	54
10350E 10750H	201 202	< 1	0.01	22	910	2	8	11	103	0.18	< 10	< 10	129	< 10	59
10350E 10775H	201 202	< 1	0.03	10	400	2	10	7	72	0.20	< 10	< 10	102	< 10	58
10350E 10800H	201 202	< 1	0.01	11	170	4	8	7	68	0.19	< 10	< 10	96	< 10	44
10350E 10825H	201 202	< 1	0.02	10	270	2	8	7	55	0.18	< 10	< 10	87	< 10	46
10350E 10850H	201 202	< 1	0.01	10	390	2	4	6	64	0.19	< 10	< 10	101	< 10	70
10350E 10875H	201 202	< 1	0.01	10	320	4	12	6	58	0.18	< 10	< 10	103	< 10	40
10350E 10900H	201 202	< 1	0.01	8	390	2	4	5	55	0.16	< 10	< 10	94	< 10	42
10350E 10925H	201 202	< 1	0.01	8	300	6	6	5	53	0.17	< 10	< 10	98	< 10	44
10350E 10950H	201 202	< 1	0.01	10	500	2	8	6	53	0.16	< 10	< 10	87	< 10	62
10350E 10975H	201 202	< 1	0.01	10	550	2	< 2	6	64	0.18	< 10	< 10	104	< 10	42
10350E 11000H	201 202	< 1	0.01	9	420	4	6	5	72	0.16	< 10	< 10	86	< 10	46
10350E 11025H	201 202	1	0.01	9	330	4	6	6	65	0.18	< 10	< 10	100	< 10	50
10350E 11050H	201 202	< 1	0.01	15	420	2	4	9	80	0.19	< 10	< 10	118	< 10	70
10350E 11075H	201 202	1	0.01	11	250	4	10	7	79	0.18	< 10	< 10	106	< 10	46
10350E 11100H	201 202	< 1	< 0.01	11	250	6	6	7	83	0.15	< 10	< 10	95	< 10	62
10350E 11125H	201 202	< 1	< 0.01	11	260	2	8	7	71	0.17	< 10	< 10			





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To: GEOTEC CONSULTANTS LTD.  
6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 1-A  
Total Pages : 2  
Certificate Date: 16-JUL-96  
Invoice No. : 19623246  
P.O. Number  
Account : LOY

Project: PLUG  
Comments: ATTN:L.WL.SALEKEN CC:GRANT CROOKER ✓

## CERTIFICATE OF ANALYSIS A9623246

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Bg ppm	K %	La ppm	Mg %	Rn ppm
19750E 09425N	201 202	20 < 0.2	1.40	0.2	130	0.5	< 2	0.65	< 0.5	7	22	9	2.30	< 10	30	0.11	< 10	0.31	670	
19750E 09450N	201 202	< 5 < 0.2	1.93	< 2	110	0.5	< 2	0.74	< 0.5	9	33	20	2.94	< 10	20	0.17	< 10	0.50	365	
19750E 09475N	201 202	< 5 < 0.2	1.87	< 2	90	0.5	< 2	0.55	< 0.5	8	23	15	2.34	< 10	10	0.14	< 10	0.42	260	
19750E 09500N	201 202	< 5 < 0.2	1.42	0.2	100	0.5	< 2	0.56	0.5	8	27	20	2.59	< 10	20	0.13	< 10	0.50	210	
19750E 09525N	201 202	< 5 < 0.2	1.48	< 2	120	0.5	< 2	0.37	< 0.5	5	16	7	1.40	< 10	20	0.08	< 10	0.25	460	
19750E 09550N	201 202	< 5 < 0.2	1.41	< 2	100	0.5	< 2	0.44	< 0.5	5	19	9	1.85	< 10	10	0.11	< 10	0.31	465	
19750E 09575N	201 202	< 5 < 0.2	1.54	< 2	120	0.5	< 2	0.52	< 0.5	7	24	14	2.34	< 10	20	0.12	< 10	0.40	415	
19750E 09600N	201 202	< 5 < 0.2	1.51	< 2	140	0.5	< 2	0.65	< 0.5	9	24	17	2.22	< 10	40	0.15	< 10	0.43	770	
19750E 09625N	201 202	< 5 < 0.2	1.70	< 2	140	0.5	< 2	0.61	< 0.5	7	23	14	2.24	< 10	10	0.19	< 10	0.42	515	
19750E 09650N	201 202	< 5 < 0.2	1.51	< 2	130	0.5	< 2	0.47	< 0.5	7	23	15	2.24	< 10	10	0.22	< 10	0.42	480	
19750E 09675N	201 202	< 5 < 0.2	1.99	0.2	200	0.5	< 2	0.77	0.5	9	29	23	2.74	< 10	0	0.20	< 10	0.47	775	
19750E 09700N	201 202	< 5 < 0.2	1.11	0.2	110	0.5	< 2	0.49	< 0.5	4	19	9	1.84	< 10	10	0.10	< 10	0.28	595	
20050E 09100N	201 202	< 5 < 0.2	1.51	0.2	140	0.5	< 2	0.72	< 0.5	10	31	21	2.81	< 10	30	0.14	< 10	0.47	530	
20050E 09125N	201 202	< 5 < 0.2	1.42	< 2	90	0.5	< 2	0.91	< 0.5	11	37	28	3.20	< 10	10	0.17	< 10	0.59	360	
20050E 09150N	201 202	< 5 < 0.2	1.61	< 2	90	0.5	0.2	0.45	0.5	7	29	17	2.65	< 10	10	0.15	< 10	0.48	265	
20050E 09175N	201 202	< 5 < 0.2	1.58	0.2	110	0.5	< 2	0.61	< 0.5	7	27	14	2.46	< 10	10	0.13	< 10	0.42	335	
20050E 09200N	201 202	< 5 < 0.2	1.46	< 2	150	0.5	< 2	0.47	< 0.5	7	29	14	2.59	< 10	20	0.15	< 10	0.43	625	
20050E 09225N	201 202	< 5 < 0.2	1.41	< 2	100	0.5	< 2	0.58	0.5	6	24	12	2.38	< 10	10	0.12	< 10	0.37	255	
20050E 09250N	201 202	< 5 < 0.2	1.74	0.2	110	0.5	< 2	0.46	< 0.5	7	28	14	2.40	< 10	10	0.13	< 10	0.43	440	
20050E 09275N	201 202	< 5 < 0.2	1.52	0.2	110	0.5	< 2	0.71	< 0.5	7	27	15	2.56	< 10	10	0.16	< 10	0.45	530	
20050E 09300N	201 202	< 5 < 0.2	1.73	< 2	110	0.5	< 2	0.65	< 0.5	8	29	19	2.73	< 10	20	0.16	< 10	0.49	350	
20050E 09325N	201 202	< 5 < 0.2	2.01	< 2	110	0.5	< 2	0.79	< 0.5	10	35	31	3.10	< 10	20	0.19	< 10	0.65	275	
20050E 09350N	201 202	< 5 < 0.2	1.49	< 2	110	0.5	< 2	0.43	< 0.5	8	27	16	2.51	< 10	10	0.15	< 10	0.48	355	
20050E 09375N	201 202	< 5 < 0.2	1.79	< 2	120	0.5	< 2	0.64	< 0.5	8	27	16	2.88	< 10	10	0.14	< 10	0.48	280	
20050E 09400N	201 202	< 5 < 0.2	1.56	< 2	130	0.5	< 2	0.45	< 0.5	8	21	11	2.12	< 10	10	0.14	< 10	0.34	705	
20050E 09425N	201 202	< 5 < 0.2	1.57	< 2	100	0.5	< 2	0.59	< 0.5	6	23	12	2.22	< 10	30	0.14	< 10	0.37	545	
20050E 09450N	201 202	< 5 < 0.2	1.59	< 2	120	0.5	< 2	0.45	< 0.5	7	25	13	2.31	< 10	40	0.17	< 10	0.39	810	
20050E 09475N	201 202	< 5 < 0.2	1.54	< 2	100	0.5	< 2	0.42	< 0.5	6	28	11	2.37	< 10	10	0.14	< 10	0.41	600	
20050E 09500N	201 202	< 5 < 0.2	1.51	< 2	150	0.5	< 2	0.84	< 0.5	8	27	19	2.46	< 10	40	0.14	< 10	0.44	815	
20050E 09525N	201 202	< 5 < 0.2	2.01	< 2	120	0.5	< 2	0.59	< 0.5	7	29	16	2.58	< 10	10	0.12	< 10	0.44	275	
20050E 09550N	201 202	< 5 < 0.2	1.43	< 2	140	0.5	< 2	0.35	< 0.5	5	16	8	1.73	< 10	10	0.10	< 10	0.27	295	
20050E 09575N	201 202	< 5 < 0.2	1.88	< 2	140	0.5	< 2	0.75	< 0.5	9	34	30	2.71	< 10	20	0.19	< 10	0.45	650	
20050E 09600N	201 202	< 5 < 0.2	1.49	< 2	110	0.5	< 2	0.61	< 0.5	8	25	17	2.42	< 10	20	0.12	< 10	0.45	295	
20050E 09625N	201 202	< 5 < 0.2	1.97	< 2	180	0.5	< 2	0.77	< 0.5	9	28	25	2.67	< 10	30	0.15	< 10	0.49	720	
20050E 09650N	201 202	< 5 < 0.2	2.16	< 2	150	0.5	< 2	0.70	< 0.5	8	28	25	2.56	< 10	30	0.18	< 10	0.44	550	
20050E 09675N	201 202	< 5 < 0.2	2.29	< 2	340	0.5	< 2	0.84	< 0.5	8	23	34	2.36	< 10	40	0.18	< 10	0.41	1240	
20050E 09700N	201 202	< 5 < 0.2	2.88	< 2	240	0.5	< 2	1.10	< 0.5	12	35	51	3.35	< 10	30	0.27	< 10	0.82	720	
20050E 09725N	201 202	455 < 0.2	1.70	< 2	120	0.5	< 2	0.72	< 0.5	8	25	14	2.58	< 10	20	0.19	< 10	0.50	525	
20050E 09750N	201 202	5 < 0.2	1.75	< 2	130	0.5	< 2	0.70	< 0.5	9	28	20	2.72	< 10	20	0.15	< 10	0.53	625	
20050E 09775N	201 202	< 5 < 0.2	1.82	< 2	110	0.5	< 2	0.79	< 0.5	10	33	27	3.09	< 10	10	0.13	< 10	0.47	415	

CERTIFICATION: *Hart Bickler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.  
6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 1-B  
Total Pages : 2  
Certificate Date: 16-JUL-96  
Invoice No. : 19623246  
P.O. Number  
Account : LOY

Project: PLUG  
Comments: ATTN:L.WL.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623246

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19750E 09425N	201 202	< 1 < 0.01	8	530	2	< 2	3	38	0.14	< 10	< 10	70	0.10	56	
19750E 09450N	201 202	< 1 < 0.01	11	400	< 2	< 2	4	53	0.20	< 10	< 10	93	0.10	48	
19750E 09475N	201 202	< 1 < 0.01	8	360	2	< 2	4	33	0.14	< 10	< 10	72	< 10	36	
19750E 09500N	201 202	< 1 < 0.01	10	770	< 2	< 2	4	30	0.12	< 10	< 10	75	0.10	40	
19750E 09525N	201 202	< 1 < 0.01	6	470	2	< 2	2	20	0.09	< 10	< 10	48	0.10	38	
19750E 09550N	201 202	< 1 < 0.01	7	300	2	< 2	3	25	0.12	< 10	< 10	52	< 10	50	
19750E 09575N	201 202	< 1 < 0.01	9	330	2	< 2	4	31	0.15	< 10	< 10	45	< 10	46	
19750E 09600N	201 202	< 1 < 0.01	10	340	4	< 2	5	41	0.14	< 10	< 10	69	< 10	60	
19750E 09625N	201 202	< 1 < 0.01	9	290	2	< 2	5	37	0.15	< 10	< 10	64	< 10	56	
19750E 09650N	201 202	< 1 < 0.01	8	330	2	< 2	5	45	0.15	< 10	< 10	68	< 10	50	
19750E 09675N	201 202	< 1 < 0.01	12	450	2	< 2	6	54	0.16	< 10	< 10	80	< 10	58	
19750E 09700N	201 202	< 1 < 0.01	4	270	< 2	< 2	3	32	0.13	< 10	< 10	57	< 10	48	
20050E 09100N	201 202	< 1 < 0.01	11	850	2	< 2	5	47	0.15	< 10	< 10	87	< 10	62	
20050E 09125N	201 202	< 1 < 0.01	13	820	< 2	< 2	7	61	0.18	< 10	< 10	108	< 10	38	
20050E 09150N	201 202	< 1 < 0.01	11	460	2	< 2	5	40	0.16	< 10	< 10	84	< 10	38	
20050E 09175N	201 202	< 1 < 0.01	9	310	< 2	< 2	5	41	0.17	< 10	< 10	79	< 10	48	
20050E 09200N	201 202	< 1 < 0.01	10	400	< 2	< 2	5	44	0.17	< 10	< 10	81	< 10	74	
20050E 09225N	201 202	< 1 < 0.01	8	340	< 2	< 2	4	39	0.15	< 10	< 10	72	< 10	42	
20050E 09250N	201 202	< 1 < 0.01	10	300	< 2	< 2	5	47	0.18	< 10	< 10	83	< 10	46	
20050E 09275N	201 202	< 1 < 0.01	10	290	2	< 2	5	48	0.17	< 10	< 10	84	< 10	46	
20050E 09300N	201 202	< 1 < 0.01	11	410	< 2	< 2	5	42	0.17	< 10	< 10	84	< 10	44	
20050E 09325N	201 202	< 1 < 0.01	14	440	4	< 2	7	51	0.18	<					



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.WL.SALEKEN CC:GRANT CROOKER

Page Number :2-A  
 Total Pages :2  
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 Account :LOY

## CERTIFICATE OF ANALYSIS A9623246

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20050E 09800N	201 202	< 5	< 0.2	2.00	6	130	< 0.5	< 2	0.89	< 0.5	12	33	27	3.10	< 10	20	0.16	< 10	0.65	490
20050E 09825N	201 202	< 5	< 0.2	2.14	< 2	140	< 0.5	< 2	0.82	< 0.5	12	30	25	3.06	< 10	10	0.22	< 10	0.65	660
20050E 09850N	201 202	< 5	< 0.2	3.08	8	160	0.5	< 2	1.07	< 0.5	17	66	61	6.21	< 10	30	0.35	< 10	0.89	655
20050E 09875N	201 202	< 5	< 0.2	1.88	2	120	< 0.5	< 2	0.71	< 0.5	11	31	31	3.02	< 10	< 10	0.22	< 10	0.66	675
20050E 09900N	201 202	< 5	< 0.2	1.63	2	120	< 0.5	< 2	0.72	< 0.5	10	27	23	2.70	< 10	< 10	0.14	< 10	0.54	455
20050E 09925N	201 202	< 5	< 0.2	1.71	< 2	120	< 0.5	< 2	0.74	< 0.5	10	25	18	2.45	< 10	10	0.14	< 10	0.51	550
20050E 09950N	201 202	< 5	< 0.2	1.87	2	160	< 0.5	< 2	4.01	< 0.5	11	31	51	2.94	< 10	70	0.17	< 10	0.84	580
20050E 09975N	201 202	< 5	< 0.2	2.00	2	160	< 0.5	< 2	1.02	< 0.5	12	32	34	3.06	< 10	60	0.19	< 10	0.67	675
20050E 10000N	201 202	< 5	< 0.2	1.89	< 2	280	< 0.5	< 2	2.16	< 0.5	8	31	73	2.31	< 10	70	0.20	< 10	1.16	470
20150E 08550N	201 202	< 5	< 0.2	1.87	< 2	110	< 0.5	< 2	0.44	< 0.5	10	41	11	3.33	< 10	< 10	0.23	< 10	0.49	320
20150E 08575N	201 202	< 5	< 0.2	1.40	< 2	110	< 0.5	< 2	0.49	< 0.5	9	59	14	2.28	< 10	< 10	0.10	< 10	0.58	265
20150E 08400N	201 202	< 5	< 0.2	1.98	< 2	70	< 0.5	< 2	0.74	< 0.5	14	73	33	3.40	< 10	< 10	0.13	< 10	1.03	265
20150E 08450N	201 202	< 5	< 0.2	1.41	< 2	140	< 0.5	< 2	1.17	< 0.5	14	76	29	3.83	< 10	40	0.18	< 10	0.90	555
20150E 08475N	201 202	20	< 0.2	1.17	< 2	70	< 0.5	< 2	0.38	< 0.5	10	69	12	2.59	< 10	10	0.09	< 10	0.78	325
20150E 08700N	201 202	< 5	< 0.2	1.63	2	130	< 0.5	< 2	0.55	< 0.5	13	88	12	3.85	< 10	10	0.15	< 10	0.83	490
20150E 08725N	201 202	< 5	< 0.2	1.87	6	160	< 0.5	< 2	1.24	< 0.5	14	116	24	3.15	< 10	30	0.13	< 10	1.05	790
20150E 08750N	201 202	< 5	< 0.2	2.40	2	180	< 0.5	< 2	1.99	< 0.5	16	118	49	3.22	< 10	30	0.23	< 10	1.49	625
20150E 08775N	201 202	< 5	< 0.2	1.43	< 2	120	< 0.5	< 2	1.24	< 0.5	11	79	21	2.10	< 10	30	0.13	< 10	0.89	670
20150E 08800N	201 202	< 5	< 0.2	1.85	< 2	100	< 0.5	< 2	0.64	< 0.5	14	129	14	2.97	< 10	< 10	0.12	< 10	1.33	230
20150E 08825N	201 202	< 5	< 0.2	1.75	< 2	130	< 0.5	< 2	0.43	< 0.5	13	123	12	2.51	< 10	10	0.11	< 10	1.06	260
20150E 08925N	201 202	< 5	< 0.2	2.58	4	200	< 0.5	2	1.58	< 0.5	18	88	69	3.94	10	30	0.32	< 10	1.32	695
20150E 08950N	201 202	< 5	< 0.2	2.00	< 2	150	< 0.5	< 2	0.92	< 0.5	15	60	28	3.33	10	30	0.19	< 10	0.95	695
20150E 08975N	201 202	< 5	< 0.2	1.47	< 2	210	< 0.5	2	2.33	< 0.5	12	40	60	2.37	< 10	60	0.14	< 10	0.74	950
20150E 09000N	201 202	< 5	< 0.2	3.54	2	2400	< 0.5	< 2	1.56	0.5	25	264	81	4.59	< 10	40	0.76	< 10	3.43	830
20150E 09025N	201 202	< 5	< 0.2	2.33	8	240	< 0.5	< 2	1.37	< 0.5	16	68	52	3.86	10	30	0.39	< 10	1.23	875
20150E 09050N	201 202	< 5	< 0.2	2.59	< 2	240	< 0.5	< 2	1.16	< 0.5	15	39	42	3.59	10	30	0.31	< 10	0.80	1100
20150E 09075N	201 202	< 5	< 0.2	1.99	< 2	190	< 0.5	< 2	0.96	< 0.5	11	32	32	3.12	10	20	0.22	< 10	0.63	490

CERTIFICATION: *Grant Crooker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0216

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.WL.SALEKEN CC:GRANT CROOKER

Page Number :2-B  
 Total Pages :2  
 Certificate Date:18-JUL-96  
 Invoice No. :19623246  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623246

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20050E 09800N	201 202	< 1	0.01	13	340	6	< 2	7	59	0.19	< 10	< 10	94	< 10	52
20050E 09825N	201 202	< 1	0.01	14	460	6	< 2	7	58	0.19	< 10	< 10	94	< 10	66
20050E 09850N	201 202	< 1	< 0.01	22	520	6	< 2	13	78	0.21	< 10	< 10	124	< 10	58
20050E 09875N	201 202	< 1	< 0.01	14	390	6	< 2	7	38	0.17	< 10	< 10	93	< 10	48
20050E 09900N	201 202	< 1	< 0.01	11	420	4	< 2	6	41	0.17	< 10	< 10	89	< 10	48
20050E 09925N	201 202	< 1	0.01	11	500	6	< 2	5	49	0.17	< 10	< 10	85	< 10	44
20050E 09950N	201 202	< 1	0.01	16	1150	2	< 2	7	139	0.14	< 10	< 10	92	< 10	60
20050E 09975N	201 202	< 1	0.01	14	580	4	< 2	7	67	0.17	< 10	< 10	94	< 10	48
20050E 10000N	201 202	< 1	0.03	15	1510	2	< 2	4	184	0.08	10	< 10	80	< 10	38
20150E 08550N	201 202	< 1	0.01	17	1430	2	< 2	4	34	0.12	< 10	< 10	59	< 10	30
20150E 08575N	201 202	< 1	0.01	24	880	6	< 2	4	34	0.11	< 10	< 10	63	< 10	22
20150E 08600N	201 202	< 1	< 0.01	40	690	2	< 2	7	44	0.15	< 10	< 10	101	< 10	34
20150E 08650N	201 202	< 1	< 0.01	43	670	2	< 2	5	44	0.12	< 10	< 10	77	< 10	30
20150E 08675N	201 202	< 1	< 0.01	34	380	6	< 2	3	21	0.12	< 10	< 10	72	< 10	24
20150E 08700N	201 202	< 1	0.01	44	370	2	< 2	5	30	0.13	< 10	< 10	71	< 10	32
20150E 08725N	201 202	< 1	0.08	65	1080	2	< 2	6	56	0.11	< 10	< 10	75	< 10	50
20150E 08750N	201 202	< 1	0.03	89	420	6	< 2	7	68	0.15	< 10	< 10	79	< 10	34
20150E 08775N	201 202	< 1	0.01	60	380	4	< 2	4	43	0.09	< 10	< 10	54	< 10	20
20150E 08800N	201 202	< 1	0.01	80	390	2	< 2	4	43	0.16	< 10	< 10	84	< 10	30
20150E 08825N	201 202	< 1	0.02	75	1090	2	< 2	3	31	0.10	< 10	< 10	60	< 10	38
20150E 08925N	201 202	< 1	0.01	53	560	2	< 2	9	81	0.20	10	< 10	116	< 10	52
20150E 08950N	201 202	< 1	< 0.01	33	670	2	< 2	6	61	0.20	10	< 10	104	< 10	48
20150E 08975N	201 202	< 1	0.01	22	1400	< 2	< 2	5	112	0.09	10	< 10	76	< 10	36
20150E 09000N	201 202	< 1	< 0.01	159	1390	4	< 2	11	136	0.20	10	< 10	138	< 10	60
20150E 09025N	201 202	< 1	< 0.01	43	920	4	< 2	8	91	0.21	10	< 10	122	< 10	54
20150E 09050N	201 202	< 1	0.01	22	760	2	< 2	8	86	0.20	< 10	< 10	109	< 10	72
20150E 09075N	201 202	< 1	< 0.01	15	490	2	< 2	6	78	0.19	< 10	< 10	103	< 10	44

CERTIFICATION: *Grant Crooker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.  
 6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 1-A  
 Total Pages : 1  
 Certificate Date: 16-JUL-98  
 Invoice No. : 19623896  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623896

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17650E 9175W	201 202	< 5 < 0.2	2.34	2	280	< 0.5	< 2	2.17	< 0.5	13	11	61	3.05	< 10	40	0.21	< 10	0.95	735	
17650E 9200W	201 202	< 5 < 0.2	2.59	2	250	< 0.5	< 2	1.90	< 0.5	11	11	62	3.06	< 10	40	0.27	< 10	0.99	485	
17650E 9225W	201 202	< 5 < 0.2	2.55	< 2	250	< 0.5	< 2	1.65	< 0.5	12	12	65	3.25	< 10	50	0.24	< 10	1.04	540	
17650E 9250W	201 202	< 5 < 0.2	2.49	< 2	200	< 0.5	< 2	1.04	< 0.5	14	14	45	3.41	< 10	40	0.25	< 10	0.80	880	
17650E 9275W	201 202	< 5 < 0.2	2.45	2	240	< 0.5	< 2	1.27	< 0.5	13	11	46	3.16	< 10	40	0.23	< 10	0.73	845	
17650E 9300W	201 202	< 5 < 0.2	1.41	< 2	160	< 0.5	< 2	0.53	< 0.5	9	24	17	2.30	< 10	10	0.17	< 10	0.47	830	
17650E 9325W	201 202	< 5 < 0.2	1.33	< 2	180	< 0.5	< 2	0.64	< 0.5	9	22	15	2.43	< 10	30	0.14	< 10	0.49	855	
17650E 9350W	201 202	< 5 < 0.2	1.43	< 2	110	< 0.5	< 2	0.58	< 0.5	8	24	12	2.51	< 10	10	0.15	< 10	0.49	610	
17650E 9375W	201 202	< 5 < 0.2	1.63	2	140	< 0.5	< 2	0.63	< 0.5	8	21	13	2.35	< 10	30	0.16	< 10	0.46	600	
17650E 9400W	201 202	< 5 < 0.2	1.46	< 2	130	< 0.5	< 2	0.72	< 0.5	7	25	13	2.51	< 10	30	0.12	< 10	0.46	760	
17650E 9425W	201 202	< 5 < 0.2	1.66	< 2	110	< 0.5	< 2	0.64	< 0.5	8	25	12	2.58	< 10	10	0.15	< 10	0.48	655	
17650E 9450W	201 202	< 5 < 0.2	1.92	< 2	180	< 0.5	< 2	0.78	< 0.5	9	26	14	2.69	< 10	10	0.16	< 10	0.48	900	
17650E 9475W	201 202	< 5 < 0.2	2.05	< 2	180	< 0.5	< 2	1.02	< 0.5	13	12	40	3.26	< 10	40	0.25	< 10	0.82	485	
17650E 9500W	201 202	< 5 < 0.2	1.88	< 2	300	< 0.5	< 2	0.87	< 0.5	10	25	24	2.57	< 10	30	0.22	< 10	0.52	985	
17650E 9525W	201 202	< 5 < 0.2	1.84	< 2	170	< 0.5	< 2	0.75	< 0.5	12	28	24	2.85	< 10	30	0.19	< 10	0.43	835	
17650E 9550W	201 202	< 5 < 0.2	1.78	< 2	180	< 0.5	< 2	0.92	< 0.5	12	30	49	2.95	< 10	30	0.30	< 10	0.78	735	
17650E 9575W	201 202	< 5 < 0.2	2.01	< 2	180	< 0.5	< 2	0.98	< 0.5	15	35	50	3.28	< 10	40	0.19	< 10	0.84	780	
17650E 9600W	201 202	< 5 < 0.2	1.94	< 2	190	< 0.5	< 2	1.36	< 0.5	12	33	51	3.21	< 10	40	0.25	< 10	0.82	485	
17650E 9625W	201 202	< 5 < 0.2	2.04	4	190	< 0.5	< 2	0.99	< 0.5	12	31	35	3.16	< 10	30	0.23	< 10	0.49	855	
17650E 9650W	201 202	< 5 < 0.2	1.97	8	290	< 0.5	< 2	0.62	< 0.5	11	14	79	3.25	< 10	40	0.23	< 10	0.68	680	
17650E 9675W	201 202	< 5 < 0.2	2.21	2	380	< 0.5	< 2	0.75	< 0.5	14	40	65	3.13	< 10	90	0.21	< 10	0.66	965	
17650E 9700W	201 202	< 5 < 0.2	1.43	2	180	< 0.5	< 2	1.40	< 0.5	9	36	48	2.21	< 10	50	0.14	< 10	0.69	715	
17650E 9725W	201 202	< 5 < 0.2	1.69	2	230	< 0.5	< 2	1.96	< 0.5	13	55	51	3.12	< 10	90	0.11	< 10	0.99	1520	

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



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.  
 6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 1-B  
 Total Pages : 1  
 Certificate Date: 16-JUL-98  
 Invoice No. : 19623896  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623896

SAMPLE	PREP CODE	Mo ppm	Ni %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Si ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
17650E 9175W	201 202	0.1	0.01	18	630	2	2	8	153	0.12	< 10	< 10	90	< 10	56
17650E 9200W	201 202	< 1	0.02	14	820	6	< 2	8	136	0.12	< 10	< 10	83	< 10	56
17650E 9225W	201 202	< 1	0.01	17	860	2	< 2	8	127	0.14	< 10	< 10	92	< 10	46
17650E 9250W	201 202	< 1	0.01	17	700	4	< 2	8	78	0.16	< 10	< 10	98	< 10	48
17650E 9275W	201 202	1	0.01	15	550	4	< 2	8	92	0.15	< 10	< 10	91	< 10	42
17650E 9300W	201 202	< 1	< 0.01	11	520	2	< 2	4	37	0.09	< 10	< 10	62	< 10	58
17650E 9325W	201 202	< 1	< 0.01	10	410	2	< 2	4	30	0.11	< 10	< 10	72	< 10	46
17650E 9350W	201 202	< 1	< 0.01	10	340	2	< 2	4	27	0.13	< 10	< 10	75	< 10	44
17650E 9375W	201 202	< 1	< 0.01	9	520	2	< 2	4	34	0.12	< 10	< 10	68	< 10	46
17650E 9400W	201 202	< 1	< 0.01	9	440	2	< 2	4	40	0.14	< 10	< 10	80	< 10	44
17650E 9425W	201 202	< 1	< 0.01	9	410	2	< 2	4	39	0.15	< 10	< 10	81	< 10	48
17650E 9450W	201 202	0.1	< 0.01	11	680	3	< 2	4	50	0.14	< 10	< 10	81	< 10	48
17650E 9475W	201 202	< 1	< 0.01	16	980	2	< 2	7	58	0.15	< 10	< 10	97	< 10	62
17650E 9500W	201 202	1	0.01	12	750	2	< 2	5	59	0.12	< 10	< 10	70	< 10	78
17650E 9525W	201 202	0.1	< 0.01	13	660	2	2	5	48	0.12	< 10	< 10	81	< 10	48
17650E 9550W	201 202	1	0.01	14	790	2	< 2	6	66	0.10	< 10	< 10	80	< 10	46
17650E 9575W	201 202	< 1	0.01	19	600	6	< 2	7	87	0.14	< 10	< 10	96	< 10	38
17650E 9600W	201 202	< 1	0.01	17	670	2	< 2	7	105	0.14	< 10	< 10	96	< 10	38
17650E 9625W	201 202	0.1	0.01	15	790	2	< 2	7	79	0.13	< 10	< 10	93	< 10	50
17650E 9650W	201 202	1	0.03	11	710	4	< 2	8	90	0.04	< 10	< 10	66	< 10	40
17650E 9675W	201 202	< 1	0.02	26	1010	6	< 2	8	95	0.06	< 10	< 10	66	< 10	52
17650E 9700W	201 202	1	0.01	20	1440	2	3	4	71	0.05	< 10	< 10	57	< 10	44
17650E 9725W	201 202	1	0.01	28	1470	2	< 2	6	94	0.10	< 10	< 10	84	< 10	50

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



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 1-B  
Total Pages : 1  
Certificate Date : 16-JUL-96  
Invoice No. : 19623896  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623896

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17650E 9175M	201 202	< 1	0.01	18	630	2	2	8	153	0.12	< 10	< 10	90	< 10	56
17650E 9200M	201 202	< 1	0.02	16	820	6	< 2	8	136	0.12	< 10	< 10	83	< 10	56
17650E 9225M	201 202	< 1	0.01	17	860	2	< 2	8	127	0.14	< 10	< 10	92	< 10	46
17650E 9250M	201 202	< 1	0.01	17	700	4	< 2	8	78	0.16	< 10	< 10	99	< 10	48
17650E 9275M	201 202	1	0.01	15	550	4	< 2	8	92	0.15	< 10	< 10	91	< 10	42
17650E 9300M	201 202	< 1	< 0.01	11	520	2	< 2	4	27	0.09	< 10	< 10	62	< 10	58
17650E 9325M	201 202	< 1	< 0.01	10	410	2	< 2	4	30	0.11	< 10	< 10	72	< 10	46
17650E 9350M	201 202	< 1	< 0.01	10	340	2	< 2	4	27	0.13	< 10	< 10	75	< 10	44
17650E 9375M	201 202	< 1	< 0.01	9	520	2	< 2	4	34	0.12	< 10	< 10	68	< 10	46
17650E 9400M	201 202	< 1	< 0.01	9	440	2	< 2	4	40	0.14	< 10	< 10	80	< 10	44
17650E 9425M	201 202	< 1	< 0.01	9	410	2	< 2	4	39	0.15	< 10	< 10	81	< 10	48
17650E 9450M	201 202	< 1	< 0.01	11	680	2	< 2	4	50	0.14	< 10	< 10	81	< 10	48
17650E 9475M	201 202	< 1	< 0.01	16	880	2	< 2	7	58	0.15	< 10	< 10	97	< 10	62
17650E 9500M	201 202	< 1	< 0.01	12	750	2	< 2	5	59	0.12	< 10	< 10	70	< 10	78
17650E 9535M	201 202	< 1	< 0.01	13	640	2	2	5	48	0.12	< 10	< 10	81	< 10	48
17650E 9550M	201 202	1	0.01	16	790	2	< 2	6	66	0.10	< 10	< 10	80	< 10	46
17650E 9575M	201 202	< 1	0.01	19	400	6	< 2	7	87	0.14	< 10	< 10	94	< 10	38
17650E 9600M	201 202	< 1	0.01	17	470	2	< 2	7	105	0.14	< 10	< 10	96	< 10	38
17650E 9625M	201 202	< 1	0.01	18	790	2	< 2	7	79	0.13	< 10	< 10	93	< 10	50
17650E 9650M	201 202	1	0.03	11	710	4	< 2	8	90	0.04	< 10	< 10	66	< 10	40
17650E 9475M	201 202	< 1	0.02	26	1010	6	< 2	8	95	0.06	< 10	< 10	66	< 10	52
17650E 9700M	201 202	1	0.01	20	1440	2	2	4	71	0.05	< 10	< 10	57	< 10	44
17650E 9725M	201 202	1	0.01	28	1470	2	< 2	6	94	0.10	< 10	< 10	84	< 10	50

CERTIFICATION: *Max 2000.00*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER ✓

Page Number : 1-A  
Total Pages : 1  
Certificate Date : 16-JUL-96  
Invoice No. : 19623896  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623896

SAMPLE	PREP CODE	Au ppb	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17650E 9175M	201 202	< 5	< 0.2	2.34	6	280	< 0.5	< 2	2.17	< 0.5	13	31	61	3.05	< 10	60	0.21	< 10	0.95	735
17650E 9200M	201 202	< 5	< 0.2	2.59	2	250	< 0.5	< 2	1.90	< 0.5	11	31	62	3.06	< 10	40	0.27	< 10	0.99	485
17650E 9225M	201 202	< 5	< 0.2	2.55	2	230	< 0.5	< 2	1.65	< 0.5	12	32	65	3.25	< 10	50	0.24	< 10	1.04	560
17650E 9250M	201 202	< 5	< 0.2	2.69	2	200	< 0.5	< 2	1.94	< 0.5	14	34	65	3.41	< 10	40	0.25	< 10	0.80	880
17650E 9275M	201 202	< 5	< 0.2	2.45	2	240	< 0.5	< 2	1.27	< 0.5	13	31	44	3.16	< 10	60	0.33	< 10	0.73	845
17650E 9300M	201 202	< 5	< 0.2	1.41	< 2	160	< 0.5	< 2	0.93	< 0.5	9	24	17	2.30	< 10	10	0.17	< 10	0.47	830
17650E 9325M	201 202	< 5	< 0.2	1.33	< 2	180	< 0.5	< 2	0.64	< 0.5	9	23	15	2.43	< 10	30	0.16	< 10	0.49	855
17650E 9350M	201 202	< 5	< 0.2	1.43	< 2	110	< 0.5	< 2	0.98	< 0.5	8	24	12	2.51	< 10	10	0.15	< 10	0.49	610
17650E 9375M	201 202	< 5	< 0.2	1.63	2	140	< 0.5	< 2	0.63	< 0.5	8	21	13	2.35	< 10	30	0.16	< 10	0.46	600
17650E 9400M	201 202	< 5	< 0.2	1.46	< 2	130	< 0.5	< 2	0.72	< 0.5	7	25	13	2.51	< 10	30	0.13	< 10	0.46	760
17650E 9425M	201 202	< 5	< 0.2	1.66	< 2	110	< 0.5	< 2	0.68	< 0.5	8	25	12	2.58	< 10	10	0.15	< 10	0.48	655
17650E 9450M	201 202	< 5	< 0.2	1.92	< 2	180	< 0.5	< 2	0.78	< 0.5	9	26	14	2.69	< 10	10	0.16	< 10	0.48	900
17650E 9475M	201 202	< 5	< 0.2	2.08	< 2	180	< 0.5	< 2	1.02	< 0.5	13	32	40	3.24	< 10	40	0.25	< 10	0.71	980
17650E 9500M	201 202	< 5	< 0.2	1.88	< 2	200	< 0.5	< 2	0.87	< 0.5	10	28	24	2.87	< 10	30	0.22	< 10	0.52	985
17650E 9535M	201 202	< 5	< 0.2	1.84	< 2	170	< 0.5	< 2	0.75	< 0.5	13	28	26	2.85	< 10	30	0.19	< 10	0.63	835
17650E 9550M	201 202	< 5	< 0.2	1.78	< 2	180	< 0.5	< 2	0.92	< 0.5	12	30	48	2.95	< 10	30	0.30	< 10	0.78	735
17650E 9575M	201 202	< 5	< 0.2	2.01	< 2	180	< 0.5	< 2	0.98	< 0.5	15	35	50	3.28	< 10	40	0.19	< 10	0.86	780
17650E 9600M	201 202	< 5	< 0.2	1.94	< 2	190	< 0.5	< 2	1.16	< 0.5	12	33	51	3.21	< 10	40	0.25	< 10	0.82	685
17650E 9625M	201 202	< 5	< 0.2	2.04	4	190	< 0.5	< 2	0.99	< 0.5	12	31	35	3.16	< 10	30	0.21	< 10	0.68	855
17650E 9650M	201 202	< 5	< 0.2	1.97	8	290	< 0.5	< 2	0.62	< 0.5	11	14	79	3.35	< 10	40	0.23	< 10	0.68	680
17650E 9475M	201 202	< 5	< 0.2	2.21	2	380	< 0.5	< 2	0.75	< 0.5	14	40	65	3.13	< 10	90	0.21	< 10	0.66	965
17650E 9700M	201 202	< 5	< 0.2	1.43	2	180	< 0.5	< 2	1.40	< 0.5	9	36	68	2.21	< 10	50	0.16	< 10	0.69	715
17650E 9725M	201 202	< 5	< 0.2	1.69	2	230	< 0.5	< 2	1.96	< 0.5	13	55	51	3.12	< 10	90	0.11	< 10	0.99	1520

CERTIFICATION: *Max 2000.00*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-A  
Total Pages : 5  
Certificate Date: 17-JUL-96  
Invoice No.: 19623211  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Au ppb FA/AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17650E 09750N	201 202	5 < 0.2	1.66 < 2	200 < 0.5	< 2	1.19 < 0.5	13	64	49	3.26 < 10	60	0.11 < 10	1.02	1575						
17650E 09775N	201 202	< 5 < 0.2	1.91 < 2	140 < 0.5	< 2	1.42 < 0.5	13	38	61	3.32 < 10	40	0.23 < 10	1.00	615						
17650E 09800N	201 202	< 5 < 0.2	2.17 < 2	220 < 0.5	< 2	1.20 < 0.5	16	37	69	3.18 < 10	50	0.19 < 10	1.04	870						
17650E 09825N	201 202	< 5 < 0.2	1.96 < 2	210 < 0.5	< 2	0.90 < 0.5	14	33	48	3.01 < 10	30	0.28 < 10	0.78	835						
17650E 09850N	201 202	< 5 < 0.2	1.59 < 2	200 < 0.5	< 2	0.88 < 0.5	11	27	37	2.57 < 10	10	0.22 < 10	0.67	620						
17650E 09875N	201 202	< 5 < 0.2	1.76 < 2	180 < 0.5	< 2	1.06 < 0.5	12	30	46	2.92 < 10	40	0.21 < 10	0.78	700						
17650E 09900N	201 202	< 5 < 0.2	2.21 < 2	220 < 0.5	< 2	1.41 < 0.5	17	40	74	3.71 < 10	60	0.29 < 10	1.20	890						
17650E 09925N	201 202	< 5 < 0.2	2.14 < 2	180 < 0.5	< 2	1.13 < 0.5	14	37	54	3.39 < 10	50	0.24 < 10	0.89	850						
17650E 09950N	201 202	< 5 < 0.2	2.33 < 2	260 < 0.5	< 2	1.63 < 0.5	11	30	58	2.85 < 10	40	0.26 < 10	1.04	620						
17650E 09975N	201 202	< 5 < 0.2	2.16 < 2	180 < 0.5	< 2	1.00 < 0.5	14	38	51	3.11 < 10	40	0.25 < 10	0.92	780						
17650E 10000N	201 202	10 < 0.2	2.48 < 2	210 < 0.5	< 2	1.83 < 0.5	16	42	84	3.87 < 10	80	0.25 < 10	1.20	860						
17650E 10025N	201 202	< 5 < 0.2	2.24 < 2	210 < 0.5	< 2	1.01 < 0.5	11	30	33	2.96 < 10	30	0.26 < 10	0.61	975						
17650E 10050N	201 202	10 < 0.2	2.47 < 2	170 < 0.5	< 2	1.20 < 0.5	13	40	58	3.81 < 10	40	0.24 < 10	0.63	720						
17650E 10075N	201 202	< 5 < 0.2	2.48 < 2	230 < 0.5	< 2	1.13 < 0.5	14	36	54	3.54 < 10	40	0.33 < 10	0.84	980						
17650E 10100N	201 202	< 5 < 0.2	2.44 < 2	200 < 0.5	< 2	1.16 < 0.5	14	39	53	3.80 < 10	40	0.25 < 10	0.84	880						
17650E 10125N	201 202	< 5 < 0.2	2.48 < 2	210 < 0.5	< 2	0.90 < 0.5	14	36	44	3.49 < 10	20	0.27 < 10	0.72	880						
17650E 10150N	201 202	< 5 < 0.2	2.45 < 2	220 < 0.5	< 2	1.15 < 0.5	15	39	63	3.65 < 10	50	0.28 < 10	0.91	905						
17650E 10175N	201 202	< 5 < 0.2	2.23 < 2	200 < 0.5	< 2	0.79 < 0.5	12	33	38	3.18 < 10	30	0.27 < 10	0.69	945						
17650E 10200N	201 202	< 5 < 0.2	2.04 < 2	220 < 0.5	< 2	1.23 < 0.5	14	36	58	3.42 < 10	40	0.28 < 10	0.82	860						
17650E 10225N	201 202	< 5 < 0.2	2.15 < 2	170 < 0.5	< 2	0.84 < 0.5	12	36	42	3.27 < 10	30	0.23 < 10	0.74	660						
17650E 10250N	201 202	< 5 < 0.2	2.28 < 2	200 < 0.5	< 2	0.95 < 0.5	13	36	42	3.37 < 10	30	0.30 < 10	0.74	845						
17650E 10275N	201 202	< 5 < 0.2	1.95 < 2	180 < 0.5	< 2	1.12 < 0.5	11	30	36	3.18 < 10	50	0.21 < 10	0.62	800						
17650E 10300N	201 202	< 5 < 0.2	2.18 < 2	200 < 0.5	< 2	1.09 < 0.5	11	30	34	3.11 < 10	40	0.23 < 10	0.62	780						
17650E 10325N	201 202	< 5 < 0.2	2.14 < 2	180 < 0.5	< 2	1.05 < 0.5	12	35	43	3.33 < 10	30	0.21 < 10	0.73	710						
17650E 10350N	201 202	< 5 < 0.2	2.19 < 2	200 < 0.5	< 2	1.12 < 0.5	14	37	50	3.66 < 10	50	0.22 < 10	0.75	820						
17650E 10375N	201 202	< 5 < 0.2	2.41 < 2	170 < 0.5	< 2	0.90 < 0.5	11	35	34	3.47 < 10	20	0.21 < 10	0.62	545						
17650E 10400N	201 202	< 5 < 0.2	2.40 < 2	190 < 0.5	< 2	0.90 < 0.5	13	36	39	3.74 < 10	20	0.20 < 10	0.71	615						
17650E 10425N	201 202	< 5 < 0.2	1.96 < 2	250 < 0.5	< 2	1.01 < 0.5	12	32	33	3.24 < 10	30	0.26 < 10	0.59	1010						
17650E 10450N	201 202	< 5 < 0.2	1.72 < 2	190 < 0.5	< 2	0.91 < 0.5	11	27	27	3.01 < 10	10	0.18 < 10	0.50	860						
17650E 10475N	201 202	< 5 < 0.2	2.02 < 2	170 < 0.5	< 2	0.80 < 0.5	12	28	32	3.19 < 10	40	0.14 < 10	0.48	680						
17650E 10500N	201 202	< 5 < 0.2	1.68 < 2	170 < 0.5	< 2	0.72 < 0.5	10	24	22	2.70 < 10	10	0.13 < 10	0.41	625						
17650E 10525N	201 202	< 5 < 0.2	1.80 < 2	250 < 0.5	< 2	0.73 < 0.5	11	27	27	3.06 < 10	20	0.14 < 10	0.48	1000						
17650E 10550N	201 202	15 < 0.2	1.77 < 2	220 < 0.5	< 2	2.66 < 0.5	10	29	52	3.01 < 10	50	0.24 < 10	0.97	750						
17650E 10575N	201 202	< 5 < 0.2	2.59 < 2	180 < 0.5	< 2	1.26 < 0.5	10	33	73	4.19 < 10	50	0.15 < 10	0.99	810						
17650E 10600N	201 202	< 5 < 0.2	2.25 < 2	250 < 0.5	< 2	1.06 < 0.5	14	31	36	3.60 < 10	30	0.26 < 10	0.62	885						
17650E 10625N	201 202	< 5 < 0.2	1.73 < 2	150 < 0.5	< 2	0.83 < 0.5	10	27	22	3.18 < 10	< 10	0.15 < 10	0.46	675						
17650E 10650N	201 202	< 5 < 0.2	2.45 < 2	200 < 0.5	< 2	0.91 < 0.5	11	28	24	3.37 < 10	50	0.15 < 10	0.45	755						
17650E 10675N	201 202	< 5 < 0.2	2.40 < 2	270 < 0.5	< 2	0.76 < 0.5	11	27	24	3.40 < 10	10	0.17 < 10	0.46	1140						
17650E 10700N	201 202	< 5 < 0.2	1.71 < 2	160 < 0.5	< 2	0.74 < 0.5	9	28	21	3.24 < 10	10	0.15 < 10	0.42	485						
17650E 10725N	201 202	< 5 < 0.2	1.95 < 2	190 < 0.5	< 2	0.70 < 0.5	11	28	19	3.55 < 10	20	0.16 < 10	0.48	960						

CERTIFICATION: Hart Beckler



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-B  
Total Pages : 5  
Certificate Date: 17-JUL-96  
Invoice No.: 19623211  
P.O. Number :  
Account : LOY

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17650E 09750N	201 202	1 0.01	30	1510	2 < 2	7	66	0.10	< 10	< 10	87	< 10	46		
17650E 09775N	201 202	1 0.01	19	1490	2 < 2	7	65	0.12	10	< 10	104	< 10	50		
17650E 09800N	201 202	< 1 < 0.01	22	1400	2 < 2	9	63	0.11	< 10	< 10	97	< 10	62		
17650E 09825N	201 202	< 1 < 0.01	18	790	2 < 2	8	56	0.10	< 10	< 10	82	< 10	52		
17650E 09850N	201 202	< 1 < 0.01	15	680	2 < 2	6	57	0.08	< 10	< 10	68	< 10	44		
17650E 09875N	201 202	< 1 < 0.01	16	710	< 2 < 2	6	58	0.09	< 10	< 10	80	< 10	50		
17650E 09900N	201 202	< 1 < 0.01	23	980	2 < 2	10	74	0.13	10	< 10	107	< 10	58		
17650E 09925N	201 202	< 1 < 0.01	18	880	6 < 2	9	78	0.16	10	< 10	101	< 10	56		
17650E 09950N	201 202	< 1 < 0.01	18	860	4 < 2	7	141	0.13	< 10	< 10	83	< 10	64		
17650E 09975N	201 202	< 1 < 0.01	18	770	6 < 2	9	75	0.16	< 10	< 10	101	< 10	62		
17650E 10000N	201 202	1 0.01	23	1070	2 < 2	11	86	0.16	10	< 10	113	< 10	64		
17650E 10025N	201 202	< 1 < 0.01	15	700	2 < 2	7	61	0.15	10	< 10	84	< 10	86		
17650E 10050N	201 202	< 1 < 0.01	19	930	2 < 2	10	68	0.19	10	< 10	124	< 10	50		
17650E 10075N	201 202	1 0.01	19	570	2 < 2	10	63	0.17	< 10	< 10	106	< 10	64		
17650E 10100N	201 202	< 1 < 0.01	20	610	2 < 2	10	70	0.17	10	< 10	113	< 10	54		
17650E 10125N	201 202	< 1 < 0.01	17	500	2 < 2	9	62	0.17	10	< 10	99	< 10	54		
17650E 10150N	201 202	2 < 0.01	21	650	2 < 2	10	79	0.16	10	< 10	108	< 10	58		
17650E 10175N	201 202	1 0.01	16	390	4 < 2	9	59	0.17	< 10	< 10	90	< 10	58		
17650E 10200N	201 202	< 1 < 0.01	21	660	2 < 2	9	73	0.15	10	< 10	101	< 10	60		
17650E 10225N	201 202	< 1 < 0.01	17	390	2 < 2	9	59	0.19	10	< 10	101	< 10	56		
17650E 10250N	201 202	< 1 < 0.01	17	600	2 < 2	9	72	0.18	10	< 10	101	< 10	64		
17650E 10275N	201 202	< 1 < 0.01	14	790	2 < 2	7	64	0.17	10	< 10	100	< 10	58		
17650E 10300N	201 202	< 1 < 0.01	13	750	2 < 2	8	73	0.16	10	< 10	97	< 10	62		
17650E 10325N	201 202	< 1 < 0.01	15	580	4 < 2	9	69	0.18	10	< 10	103	< 10	52		
17650E 10350N	201 202	< 1 < 0.01	18	640	4 < 2	9	66	0.17	< 10	< 10	114	< 10	50		
17650E 10375N	201 202	< 1 < 0.01	15	510	8 < 2	9	50	0.18	< 10	< 10	104	< 10	52		
17650E 10400N	201 202	1 0.01	15	500	2 < 2	9	58	0.1							



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :2-A  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623211  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Au ppb FAAA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17650E 10750W	201 202	< 5	0.2	2.50	< 2	210	0.5	< 2	0.67	< 0.5	10	27	24	1.10	10	10	0.20	< 10	0.44	790
17650E 10775W	201 202	15	0.4	1.71	< 2	150	0.5	6	1.71	0.5	14	49	1325	1.01	< 10	90	0.12	< 10	1.15	510
17650E 10800W	201 202	< 5	0.2	1.89	< 2	210	0.5	< 2	0.81	< 0.5	11	26	43	3.00	< 10	30	0.17	< 10	0.51	865
17650E 10825W	201 202	< 5	0.2	1.88	< 2	200	0.5	< 2	0.66	< 0.5	9	26	20	2.90	< 10	10	0.18	< 10	0.44	715
17650E 10850W	201 202	< 5	0.2	1.92	< 2	170	0.5	< 2	0.73	< 0.5	12	26	26	3.00	< 10	10	0.24	< 10	0.56	765
17650E 10875W	201 202	< 5	0.2	2.05	< 2	200	0.5	< 2	1.06	0.5	14	35	53	3.57	10	30	0.33	< 10	0.84	875
17650E 10900W	201 202	< 5	0.2	2.03	< 2	200	0.5	< 2	1.10	0.5	13	31	49	1.30	< 10	40	0.30	< 10	0.75	845
17650E 10925W	201 202	< 5	0.2	1.80	< 2	180	0.5	< 2	0.95	0.5	11	30	39	3.00	10	30	0.28	< 10	0.70	695
17650E 10950W	201 202	< 5	0.2	2.20	< 2	220	0.5	< 2	0.90	0.5	12	32	38	3.33	10	< 10	0.31	< 10	0.63	825
17650E 10975W	201 202	< 5	0.2	2.21	< 2	270	0.5	< 2	1.04	0.5	12	29	35	3.20	< 10	40	0.31	< 10	0.55	855
17650E 11000W	201 202	< 5	0.2	2.11	< 2	180	0.5	< 2	0.82	0.5	12	27	33	3.10	10	30	0.30	< 10	0.63	745
17650E 11025W	201 202	< 5	0.2	1.43	< 2	250	0.5	< 2	0.95	0.5	12	27	23	2.74	< 10	20	0.15	< 10	0.46	695
17650E 11050W	201 202	< 5	0.2	1.12	< 2	270	0.5	< 2	0.81	0.5	11	29	22	3.03	< 10	40	0.24	< 10	0.47	1285
17650E 11075W	201 202	< 5	0.2	1.48	< 2	160	0.5	< 2	0.80	0.5	10	25	22	2.71	< 10	20	0.16	< 10	0.47	660
17650E 11100W	201 202	< 5	0.2	1.34	< 2	150	0.5	< 2	0.71	0.5	11	20	20	2.50	< 10	10	0.17	< 10	0.41	795
17650E 11125W	201 202	< 5	0.2	1.51	< 2	160	0.5	2	1.00	0.5	13	25	40	3.01	< 10	50	0.17	< 10	0.61	660
17650E 11150W	201 202	< 5	0.2	1.43	< 2	170	0.5	< 2	0.87	0.5	11	25	27	2.74	< 10	30	0.24	< 10	0.43	195
17650E 11175W	201 202	< 5	0.2	1.61	< 2	270	0.5	< 2	0.64	0.5	7	18	13	2.18	< 10	50	0.16	< 10	0.31	1355
17650E 11200W	201 202	< 5	0.2	2.05	< 2	250	0.5	< 2	0.83	0.5	10	26	30	1.12	< 10	40	0.20	< 10	0.48	815
17650E 11225W	201 202	< 5	0.2	2.63	< 2	290	0.5	< 2	1.03	0.5	16	34	55	3.99	10	60	0.43	< 10	0.76	1515
17650E 11250W	201 202	< 5	0.2	2.51	< 2	430	0.5	< 2	1.03	0.5	11	26	32	3.15	10	30	0.23	< 10	0.55	1300
17750E 09175W	201 202	< 5	0.2	2.03	< 2	130	0.5	6	0.73	0.5	10	32	23	2.97	< 10	10	0.24	< 10	0.57	395
17750E 09200W	201 202	< 5	0.2	1.98	< 2	120	0.5	< 2	0.74	0.5	10	30	25	2.97	< 10	30	0.18	< 10	0.57	370
17750E 09225W	201 202	< 5	0.2	2.18	< 2	130	0.5	< 2	0.73	0.5	10	32	24	2.97	< 10	10	0.18	< 10	0.58	475
17750E 09250W	201 202	< 5	0.2	2.17	< 2	130	0.5	6	0.74	0.5	9	32	23	2.90	< 10	< 10	0.19	< 10	0.56	475
17750E 09275W	201 202	< 5	0.2	1.38	< 2	110	0.5	< 2	0.71	0.5	8	28	18	2.55	< 10	10	0.12	< 10	0.49	455
17750E 09300W	201 202	< 5	0.2	2.05	< 2	190	0.5	< 2	0.53	0.5	8	25	17	2.45	< 10	10	0.13	< 10	0.43	740
17750E 09325W	201 202	< 5	0.2	1.94	< 2	190	0.5	< 2	0.66	0.5	10	28	24	2.85	< 10	40	0.17	< 10	0.54	750
17750E 09350W	201 202	< 5	0.2	1.91	< 2	150	0.5	< 2	0.62	0.5	9	27	18	2.69	< 10	10	0.15	< 10	0.49	495
17750E 09375W	201 202	< 5	0.2	1.86	< 2	150	0.5	< 2	0.65	0.5	8	26	18	2.59	< 10	20	0.14	< 10	0.45	540
17750E 09400W	201 202	< 5	0.2	1.94	< 2	160	0.5	< 2	0.79	0.5	11	33	28	3.10	10	20	0.21	< 10	0.60	640
17750E 09425W	201 202	< 5	0.2	2.46	< 2	200	0.5	< 2	1.33	0.5	10	32	52	3.00	10	50	0.24	< 10	0.83	765
17750E 09450W	201 202	< 5	0.2	2.57	< 2	190	0.5	< 2	1.11	0.5	12	36	47	3.40	10	30	0.27	< 10	0.81	640
17750E 09475W	201 202	< 5	0.2	2.84	< 2	240	0.5	< 2	1.31	0.5	8	31	70	2.88	10	30	0.24	< 10	0.90	475
17750E 09500W	201 202	< 5	0.2	2.45	< 2	200	0.5	< 2	1.49	0.5	15	43	74	3.79	< 10	60	0.31	< 10	1.10	850
17750E 09525W	201 202	< 5	0.2	2.08	< 2	180	0.5	< 2	0.96	0.5	13	35	43	3.14	10	40	0.32	< 10	0.81	730
17750E 09550W	201 202	< 5	0.2	2.35	< 2	210	0.5	2	1.00	0.5	13	39	41	3.51	10	30	0.28	< 10	0.74	930
17750E 09575W	201 202	< 5	0.2	2.90	< 2	150	0.5	< 2	0.72	0.5	10	28	36	2.97	10	10	0.17	< 10	0.47	1105
17750E 09600W	201 202	< 5	0.2	2.72	< 2	270	0.5	< 2	1.01	0.5	10	33	52	2.91	< 10	40	0.13	< 10	0.56	795
17750E 09625W	201 202	< 5	0.2	2.79	< 2	220	0.5	< 2	1.34	0.5	6	13	314	1.96	< 10	70	0.06	< 10	0.44	715

CERTIFICATION: *Grant Crooker*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :2-B  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623211  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17650E 10750W	201 202	< 1	0.01	13	310	4	< 2	6	37	0.16	< 10	< 10	96	< 10	76
17650E 10775W	201 202	5	0.04	29	1120	90	< 2	7	61	0.14	< 10	< 10	114	< 10	76
17650E 10800W	201 202	< 1	0.02	11	360	4	< 2	6	41	0.15	< 10	< 10	91	< 10	66
17650E 10825W	201 202	< 1	0.01	10	390	2	< 2	6	34	0.14	< 10	< 10	88	< 10	68
17650E 10850W	201 202	< 1	0.01	12	460	2	< 2	6	42	0.14	< 10	< 10	85	< 10	46
17650E 10875W	201 202	< 1	0.01	16	780	2	< 2	8	63	0.15	< 10	< 10	102	< 10	52
17650E 10900W	201 202	< 1	0.01	16	750	2	< 2	8	60	0.15	< 10	< 10	99	< 10	50
17650E 10925W	201 202	< 1	0.01	13	840	2	< 2	7	58	0.14	< 10	< 10	89	< 10	44
17650E 10950W	201 202	< 1	0.01	14	890	2	< 2	7	67	0.16	< 10	< 10	97	< 10	48
17650E 10975W	201 202	< 1	0.01	13	750	2	< 2	7	69	0.15	< 10	< 10	90	< 10	50
17650E 11000W	201 202	< 1	0.01	11	410	2	< 2	7	67	0.15	< 10	< 10	92	< 10	46
17650E 11025W	201 202	< 1	0.01	10	370	2	< 2	7	53	0.16	< 10	< 10	91	< 10	52
17650E 11050W	201 202	< 1	0.01	11	520	4	< 2	7	52	0.16	< 10	< 10	87	< 10	70
17650E 11075W	201 202	< 1	0.01	9	360	2	< 2	5	46	0.13	< 10	< 10	88	< 10	38
17650E 11100W	201 202	< 1	0.01	8	420	4	< 2	5	47	0.11	< 10	< 10	79	< 10	38
17650E 11125W	201 202	< 1	0.01	12	660	2	< 2	7	46	0.09	< 10	< 10	90	< 10	38
17650E 11150W	201 202	< 1	0.01	10	180	4	< 2	7	45	0.12	< 10	< 10	84	< 10	34
17650E 11175W	201 202	< 1	0.01	8	350	4	< 2	4	31	0.12	< 10	< 10	64	< 10	94
17650E 11200W	201 202	< 1	0.01	12	270	2	< 2	7	42	0.15	< 10	< 10	86	< 10	54
17650E 11225W	201 202	< 1	0.01	19	340	2	< 2	10	51	0.16	< 10	< 10	98	< 10	72
17650E 11250W	201 202	< 1	0.01	13	510	2	< 2	7	64						



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

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Comments: CCL.W. SALEKEN CC:GRANT CROOKER

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## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17750E 09650N	201 202	< 5	< 0.2	2.98	< 2	370	0.5	< 2	0.39	< 0.5	9	33	29	2.54	< 10	20	0.06	< 10	0.43	915
17750E 09675N	201 202	< 5	< 0.2	1.85	< 2	260	< 0.5	< 2	0.56	< 0.5	10	47	20	2.45	< 10	10	0.12	< 10	0.58	565
17750E 09700N	201 202	< 5	< 0.2	4.07	< 2	810	0.5	< 2	0.50	< 0.5	11	17	67	3.40	< 10	40	0.09	< 10	0.48	800
17750E 09725N	201 202	15	< 0.2	1.84	< 2	250	< 0.5	4	1.36	< 0.5	12	47	51	2.77	< 10	380	0.09	< 10	0.79	1085
17750E 09750N	201 202	< 5	< 0.2	1.88	< 2	130	< 0.5	2	1.05	< 0.5	12	34	62	3.43	< 10	10	0.24	< 10	0.82	635
17750E 09775N	201 202	< 5	< 0.2	2.07	< 2	190	< 0.5	2	1.10	< 0.5	12	36	50	3.53	< 10	30	0.20	< 10	0.75	740
17750E 09800N	201 202	< 5	< 0.2	2.25	< 2	250	0.5	2	1.04	< 0.5	15	37	54	3.43	< 10	40	0.29	< 10	0.93	910
17750E 09825N	201 202	< 5	< 0.2	2.50	< 2	210	0.5	2	1.08	< 0.5	13	37	53	3.50	< 10	30	0.26	< 10	0.93	815
17750E 09850N	201 202	< 5	< 0.2	2.37	< 2	220	0.5	< 2	1.25	< 0.5	9	34	52	3.05	< 10	40	0.31	< 10	0.87	395
17750E 09875N	201 202	< 5	< 0.2	2.43	< 2	210	0.5	< 2	1.42	< 0.5	13	38	71	3.41	< 10	70	0.32	< 10	1.14	680
17750E 09900N	201 202	< 5	< 0.2	2.30	< 2	210	0.5	< 2	1.46	< 0.5	12	34	70	3.21	< 10	70	0.28	< 10	1.19	615
17750E 09925N	201 202	< 5	< 0.2	2.23	< 2	210	0.5	< 2	1.32	< 0.5	11	32	53	3.02	< 10	60	0.25	< 10	0.90	700
17750E 09950N	201 202	< 5	< 0.2	2.21	< 2	210	0.5	< 2	1.08	< 0.5	12	34	45	3.37	< 10	40	0.28	< 10	0.71	850
17750E 09975N	201 202	< 5	< 0.2	2.31	< 2	210	0.5	< 2	1.04	< 0.5	13	34	40	3.48	< 10	30	0.32	< 10	0.68	905
17750E 10000N	201 202	< 5	< 0.2	2.39	< 2	220	0.5	< 2	1.25	< 0.5	16	39	68	3.71	< 10	40	0.28	< 10	0.97	935
17750E 10025N	201 202	< 5	< 0.2	2.37	< 2	180	0.5	< 2	0.94	< 0.5	13	37	51	3.53	< 10	20	0.22	< 10	0.86	640
17750E 10050N	201 202	< 5	< 0.2	2.15	< 2	140	< 0.5	2	0.80	< 0.5	10	32	36	3.10	< 10	30	0.24	< 10	0.70	530
17750E 10075N	201 202	< 5	< 0.2	2.36	< 2	220	0.5	8	1.10	< 0.5	13	36	59	3.40	< 10	50	0.25	< 10	0.90	695
17750E 10100N	201 202	< 5	< 0.2	2.41	< 2	230	0.5	< 2	1.35	< 0.5	11	33	62	3.17	< 10	40	0.28	< 10	1.05	520
17750E 10125N	201 202	< 5	< 0.2	2.81	< 2	240	0.5	< 2	1.29	< 0.5	13	35	63	3.38	< 10	40	0.31	< 10	1.15	530
17750E 10150N	201 202	< 5	< 0.2	2.58	< 2	200	0.5	< 2	1.33	< 0.5	16	39	73	3.74	< 10	50	0.33	< 10	1.26	735
17750E 10175N	201 202	< 5	< 0.2	2.28	< 2	210	0.5	< 2	1.23	< 0.5	15	38	57	3.61	< 10	50	0.26	< 10	0.94	890
17750E 10200N	201 202	< 5	< 0.2	2.21	< 2	190	0.5	< 2	1.22	< 0.5	14	37	47	3.55	< 10	50	0.22	< 10	0.84	830
17750E 10225N	201 202	< 5	< 0.2	2.15	< 2	190	< 0.5	< 2	0.91	< 0.5	13	36	41	3.40	< 10	10	0.23	< 10	0.79	815
17750E 10250N	201 202	< 5	< 0.2	2.42	< 2	200	0.5	< 2	1.07	< 0.5	33	35	44	3.49	< 10	40	0.29	< 10	0.75	900
17750E 10275N	201 202	< 5	< 0.2	2.60	< 2	200	0.5	2	0.99	< 0.5	15	39	50	3.74	< 10	20	0.25	< 10	0.82	940
17750E 10300N	201 202	< 5	< 0.2	2.75	< 2	200	0.5	2	1.08	< 0.5	17	45	80	4.01	< 10	50	0.29	< 10	1.05	855
17750E 10325N	201 202	< 5	< 0.2	2.25	< 2	180	0.5	< 2	0.80	< 0.5	12	34	50	3.28	< 10	20	0.22	< 10	0.75	545
17750E 10350N	201 202	< 5	< 0.2	2.52	< 2	200	0.5	< 2	0.89	< 0.5	14	39	63	3.63	< 10	30	0.28	< 10	0.85	750
17750E 10375N	201 202	< 5	< 0.2	2.63	< 2	210	0.5	2	0.96	< 0.5	14	37	48	3.65	< 10	30	0.22	< 10	0.80	800
17750E 10400N	201 202	5	< 0.2	2.27	< 2	220	0.5	6	1.01	< 0.5	15	38	56	3.65	< 10	20	0.23	< 10	0.84	910
17750E 10425N	201 202	< 5	< 0.2	2.68	< 2	190	0.5	< 2	0.92	< 0.5	14	37	54	3.65	< 10	40	0.22	< 10	0.75	700
17750E 10450N	201 202	< 5	< 0.2	2.09	< 2	150	< 0.5	< 2	0.75	< 0.5	10	33	35	3.08	< 10	10	0.17	< 10	0.62	390
17750E 10475N	201 202	< 5	< 0.2	1.77	< 2	150	< 0.5	6	0.66	< 0.5	8	25	19	2.85	< 10	10	0.14	< 10	0.40	585
17750E 10500N	201 202	< 5	< 0.2	1.53	< 2	160	< 0.5	< 2	0.78	< 0.5	8	25	18	2.79	< 10	30	0.13	< 10	0.41	720
17750E 10525N	201 202	< 5	< 0.2	1.87	< 2	180	< 0.5	< 2	0.77	< 0.5	10	26	19	3.07	< 10	10	0.14	< 10	0.43	1005
17750E 10550N	201 202	< 5	< 0.2	2.98	< 2	260	0.5	4	1.10	< 0.5	15	38	57	4.56	< 10	40	0.17	< 10	0.87	770
17750E 10575N	201 202	< 5	< 0.2	2.82	< 2	260	0.5	< 2	0.64	< 0.5	11	25	27	3.23	< 10	20	0.16	< 10	0.46	930
17750E 10600N	201 202	< 5	< 0.2	1.03	< 2	340	< 0.5	< 2	4.04	< 0.5	4	13	15	1.47	< 10	60	0.10	< 10	0.61	255
17750E 10625N	201 202	< 5	< 0.2	1.31	< 2	170	< 0.5	< 2	4.45	< 0.5	6	19	31	2.09	< 10	40	0.18	< 10	0.96	355

CERTIFICATION: *Grant Crooker*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: CCL.W. SALEKEN CC:GRANT CROOKER

Page Number :3-B  
Total Pages :5  
Certificate Date: 17-JUL-96  
Invoice No. :19623211  
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## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17750E 09650N	201 202	< 1	0.01	24	1630	2	< 2	4	27	0.10	< 10	< 10	56	< 10	114
17750E 09700N	201 202	< 1	0.01	15	1030	8	< 2	11	25	0.09	< 10	< 10	81	< 10	76
17750E 09725N	201 202	< 1	0.01	25	1230	2	< 2	6	67	0.08	< 10	< 10	72	< 10	50
17750E 09750N	201 202	< 1	0.01	18	1130	< 2	< 2	8	51	0.14	< 10	< 10	103	< 10	46
17750E 09775N	201 202	< 1	0.01	17	1280	< 2	< 2	9	68	0.16	< 10	< 10	116	< 10	50
17750E 09800N	201 202	1	0.01	19	750	2	< 2	9	92	0.17	< 10	< 10	107	< 10	56
17750E 09825N	201 202	1	0.01	19	780	2	< 2	9	87	0.17	< 10	< 10	104	< 10	62
17750E 09850N	201 202	< 1	0.01	17	790	< 2	< 2	8	101	0.13	< 10	< 10	78	< 10	56
17750E 09875N	201 202	< 1	0.01	21	1040	< 2	< 2	9	103	0.15	< 10	< 10	95	< 10	62
17750E 09900N	201 202	< 1	0.01	18	860	< 2	< 2	8	124	0.13	< 10	< 10	92	< 10	56
17750E 09925N	201 202	1	0.01	17	730	2	< 2	8	94	0.14	< 10	< 10	86	< 10	52
17750E 09950N	201 202	< 1	0.01	16	660	< 2	< 2	8	61	0.16	< 10	< 10	100	< 10	56
17750E 09975N	201 202	< 1	< 0.01	17	650	2	< 2	9	62	0.17	< 10	< 10	100	< 10	56
17750E 10000N	201 202	< 1	< 0.01	22	610	2	< 2	10	78	0.17	< 10	< 10	106	< 10	54
17750E 10025N	201 202	< 1	0.01	18	560	2	< 2	9	65	0.19	< 10	< 10	104	< 10	56
17750E 10050N	201 202	< 1	0.01	14	440	2	< 2	8	53	0.18	< 10	< 10	93	< 10	54
17750E 10075N	201 202	< 1	0.01	18	510	2	< 2	9	83	0.17	< 10	< 10	98	< 10	56
17750E 10100N	201 202	< 1	0.01	18	660	< 2	< 2	8	90	0.14	< 10	< 10	81	< 10	54
17750E 10125N	201 202	< 1	0.02	19	800	2	< 2	9	93	0.15	< 10	< 10	80	< 10	60
17750E 10150N	201 202	< 1	0.01	21	880	2	< 2	10	9						



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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17750E 10650W	201 202	< 5	< 0.2	1.56	< 2	110	< 0.5	2	0.81	< 0.5	12	30	30	3.31	< 10	10	0.15	< 10	0.65	540
17750E 10675W	201 202	< 5	< 0.2	1.35	< 2	160	< 0.5	2	0.81	< 0.5	11	23	22	2.76	< 10	< 10	0.20	< 10	0.48	695
17750E 10700W	201 202	< 5	< 0.2	1.47	< 2	150	< 0.5	2	0.79	< 0.5	11	26	24	3.07	< 10	10	0.21	< 10	0.50	680
17750E 10725W	201 202	< 5	< 0.2	1.64	< 2	170	< 0.5	2	0.74	< 0.5	11	28	24	3.24	< 10	10	0.16	< 10	0.47	680
17750E 10750W	201 202	< 5	< 0.2	1.66	< 2	160	< 0.5	2	0.88	< 0.5	12	28	30	3.26	< 10	10	0.17	< 10	0.52	720
17750E 10825W	201 202	< 5	< 0.2	1.63	< 2	160	< 0.5	2	1.19	< 0.5	11	29	28	3.22	< 10	70	0.17	< 10	0.51	810
17750E 10850W	201 202	< 5	< 0.2	2.05	< 2	140	< 0.5	2	1.01	< 0.5	12	34	33	3.69	< 10	30	0.30	< 10	0.58	630
17750E 10875W	201 202	< 5	< 0.2	2.20	< 2	180	< 0.5	6	1.06	< 0.5	13	33	41	3.74	< 10	30	0.18	< 10	0.63	720
17750E 10900W	201 202	< 5	< 0.2	1.94	< 2	230	< 0.5	2	0.94	< 0.5	13	29	31	3.18	< 10	20	0.25	< 10	0.51	845
17750E 10925W	201 202	< 5	< 0.2	1.93	< 2	220	< 0.5	2	0.79	< 0.5	11	26	25	2.79	< 10	20	0.22	< 10	0.46	870
17750E 10950W	201 202	< 5	< 0.2	2.22	< 2	240	< 0.5	2	1.01	< 0.5	12	30	36	3.13	< 10	10	0.31	< 10	0.57	895
17750E 10975W	201 202	< 5	< 0.2	2.42	< 2	280	< 0.5	2	0.98	< 0.5	13	28	40	3.18	< 10	10	0.30	< 10	0.37	880
17750E 11000W	201 202	< 5	< 0.2	2.86	< 2	340	< 0.5	2	1.06	< 0.5	15	35	39	3.98	< 10	10	0.23	< 10	0.65	1085
17750E 11025W	201 202	< 5	< 0.2	2.84	< 2	270	< 0.5	4	0.91	< 0.5	11	27	28	3.09	< 10	10	0.20	< 10	0.47	870
17750E 11050W	201 202	< 5	< 0.2	2.27	< 2	320	< 0.5	2	0.91	< 0.5	11	24	26	2.78	< 10	10	0.23	< 10	0.43	1495
17750E 11075W	201 202	< 5	< 0.2	2.35	< 2	280	< 0.5	2	0.89	< 0.5	12	26	30	3.14	< 10	30	0.26	< 10	0.49	1160
17750E 11100W	201 202	< 5	< 0.2	3.20	< 2	310	< 0.5	2	0.83	< 0.5	10	22	24	2.64	< 10	20	0.18	< 10	0.37	860
17750E 11125W	201 202	< 5	< 0.2	2.20	< 2	520	< 0.5	2	1.36	< 0.5	14	28	44	3.06	< 10	30	0.33	< 10	0.54	1680
17750E 11150W	201 202	< 5	< 0.2	2.32	< 2	460	< 0.5	2	1.01	< 0.5	18	33	65	3.66	< 10	30	0.42	< 10	0.84	1650
17750E 11175W	201 202	< 5	< 0.2	3.05	< 2	250	< 0.5	2	1.22	< 0.5	15	42	93	4.37	< 10	20	0.19	< 10	1.05	580
17750E 11200W	201 202	< 5	< 0.2	3.16	< 2	290	< 0.5	2	1.29	< 0.5	17	47	83	4.70	< 10	30	0.26	< 10	1.07	925
17750E 11225W	201 202	< 5	< 0.2	3.43	< 2	280	< 0.5	2	0.92	< 0.5	12	30	28	3.41	< 10	20	0.20	< 10	0.53	910
17750E 11250W	201 202	< 5	< 0.2	3.27	< 2	290	< 0.5	2	1.23	< 0.5	12	44	73	4.65	< 10	30	0.43	< 10	0.87	895
18050E 09725W	201 202	< 5	< 0.2	2.07	< 2	210	< 0.5	2	0.98	< 0.5	12	35	37	3.32	< 10	10	0.25	< 10	0.67	940
18050E 09750W	201 202	< 5	< 0.2	2.11	< 2	210	< 0.5	2	0.99	< 0.5	12	37	42	3.25	< 10	40	0.35	< 10	0.75	860
18050E 09775W	201 202	< 5	< 0.2	2.13	< 2	320	< 0.5	2	1.24	< 0.5	13	33	48	3.11	< 10	30	0.33	< 10	0.76	1035
18050E 09800W	201 202	< 5	< 0.2	2.40	< 2	300	< 0.5	2	0.96	< 0.5	13	35	41	3.31	< 10	10	0.23	< 10	0.70	890
18050E 09825W	201 202	< 5	< 0.2	1.87	< 2	210	< 0.5	2	0.69	< 0.5	9	26	23	2.55	< 10	10	0.16	< 10	0.52	820
18050E 09850W	201 202	< 5	< 0.2	2.02	< 2	210	< 0.5	2	0.91	< 0.5	11	25	38	2.71	< 10	10	0.22	< 10	0.61	875
18050E 09875W	201 202	< 5	< 0.2	2.11	< 2	210	< 0.5	6	0.85	< 0.5	13	30	46	3.15	< 10	10	0.25	< 10	0.73	820
18050E 09900W	201 202	< 5	< 0.2	2.13	< 2	210	< 0.5	2	0.87	< 0.5	11	32	34	3.06	< 10	10	0.28	< 10	0.60	805
18050E 09925W	201 202	< 5	< 0.2	2.08	< 2	260	< 0.5	2	0.93	< 0.5	11	27	36	2.70	< 10	10	0.27	< 10	0.57	965
18050E 09950W	201 202	< 5	< 0.2	2.29	< 2	200	< 0.5	2	1.09	< 0.5	14	41	59	3.62	< 10	20	0.26	< 10	0.92	760
18050E 09975W	201 202	< 5	< 0.2	2.26	< 2	240	< 0.5	2	1.12	< 0.5	13	35	46	3.30	< 10	20	0.34	< 10	0.74	820
18050E 10000W	201 202	< 5	< 0.2	3.03	< 2	250	< 0.5	6	1.08	< 0.5	16	40	59	3.90	< 10	30	0.31	< 10	0.89	885
18050E 10025W	201 202	< 5	< 0.2	2.10	< 2	210	< 0.5	2	0.82	< 0.5	13	32	46	2.96	< 10	10	0.33	< 10	0.73	760
18050E 10050W	201 202	< 5	< 0.2	1.87	< 2	220	< 0.5	2	0.89	< 0.5	13	31	34	3.02	< 10	20	0.26	< 10	0.71	885
18050E 10075W	201 202	< 5	< 0.2	1.88	< 2	180	< 0.5	2	0.77	< 0.5	12	32	32	3.00	< 10	20	0.21	< 10	0.68	745
18050E 10100W	201 202	< 5	< 0.2	1.83	< 2	120	< 0.5	2	0.68	< 0.5	10	29	20	2.83	< 10	< 10	0.22	< 10	0.56	570
18050E 10125W	201 202	< 5	< 0.2	1.92	< 2	160	< 0.5	2	0.59	< 0.5	8	28	20	2.61	< 10	10	0.17	< 10	0.51	500

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 17-JUL-96  
 Invoice No. : 19623211  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17750E 10650W	201 202	< 1	0.01	11	430	< 2	< 2	7	44	0.13	< 10	< 10	111	< 10	38
17750E 10675W	201 202	< 1	0.01	9	460	< 2	< 2	5	48	0.13	< 10	< 10	93	< 10	40
17750E 10700W	201 202	< 1	0.01	10	450	< 2	< 2	6	47	0.14	< 10	< 10	103	< 10	42
17750E 10725W	201 202	< 1	0.01	10	380	< 2	< 2	6	42	0.15	< 10	< 10	106	< 10	54
17750E 10750W	201 202	< 1	0.01	12	380	< 2	< 2	6	52	0.15	< 10	< 10	109	< 10	44
17750E 10825W	201 202	< 1	0.01	12	580	< 2	< 2	6	56	0.15	< 10	< 10	104	< 10	58
17750E 10850W	201 202	< 1	0.01	14	480	< 2	< 2	8	59	0.19	< 10	< 10	121	< 10	44
17750E 10875W	201 202	< 1	0.01	14	510	< 2	< 2	9	58	0.17	< 10	< 10	120	< 10	46
17750E 10900W	201 202	< 1	0.01	13	450	< 2	< 2	7	49	0.14	< 10	< 10	94	< 10	48
17750E 10925W	201 202	< 1	0.01	12	520	< 2	< 2	6	48	0.14	< 10	< 10	81	< 10	54
17750E 10950W	201 202	< 1	0.01	13	540	< 2	< 2	8	75	0.16	< 10	< 10	91	< 10	52
17750E 10975W	201 202	< 1	0.01	15	550	< 2	< 2	8	56	0.14	< 10	< 10	85	< 10	58
17750E 11000W	201 202	< 1	0.01	16	520	< 2	< 2	10	54	0.16	< 10	< 10	115	< 10	72
17750E 11025W	201 202	< 1	0.01	12	550	< 2	< 2	7	47	0.14	< 10	< 10	83	< 10	78
17750E 11050W	201 202	< 1	0.01	12	630	< 2	< 2	6	48	0.12	< 10	< 10	74	< 10	106
17750E 11075W	201 202	< 1	0.01	13	580	< 2	< 2	7	47	0.15	< 10	< 10	86	< 10	78
17750E 11100W	201 202	< 1	0.02	13	1020	< 2	< 2	6	44	0.12	< 10	< 10	60	< 10	86
17750E 11125W	201 202	< 1	0.01	17	490	< 2	< 2	7	54	0.11	< 10	< 10	76	< 10	102
17750E 11150W	201 202	< 1	0.01	21	440	< 2	< 2	9	48	0.12	<				





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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623211  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	
18050E 10150W	201 202	< 5	< 0.2	2.06	< 2	150	< 0.5	2	0.65	< 0.5	9	28	19	2.60	< 10	20	0.14	< 10	0.49	510	
18050E 10175W	201 202	< 5	< 0.2	2.15	< 2	180	< 0.5	6	0.48	< 0.5	8	27	17	2.28	< 10	10	0.13	< 10	0.38	810	
18050E 10200W	201 202	< 5	< 0.2	2.07	< 2	200	< 0.5	4	0.90	< 0.5	13	30	30	2.77	< 10	20	0.21	< 10	0.62	825	
18050E 10225W	201 202	< 5	< 0.2	2.54	< 4	190	< 0.5	< 2	1.05	< 0.5	17	40	53	3.55	< 10	30	0.33	< 10	0.85	825	
18050E 10250W	201 202	< 5	< 0.2	1.93	< 4	190	< 0.5	< 2	0.86	< 0.5	12	30	27	2.90	< 10	30	0.19	< 10	0.55	840	
18050E 10275W	201 202	< 5	< 0.2	1.80	< 2	180	< 0.5	4	0.71	< 0.5	10	27	18	2.57	< 10	30	0.18	< 10	0.46	805	
18050E 10300W	201 202	< 5	< 0.2	2.11	< 2	180	< 0.5	2	0.63	< 0.5	10	27	19	2.59	< 10	30	0.17	< 10	0.45	700	
18050E 10325W	201 202	< 5	< 0.2	1.87	< 2	160	< 0.5	2	0.67	< 0.5	9	28	20	2.67	< 10	< 10	0.19	< 10	0.47	680	
18050E 10350W	201 202	< 5	< 0.2	2.10	< 2	190	< 0.5	2	0.82	< 0.5	12	33	31	3.05	< 10	10	0.19	< 10	0.54	725	
18050E 10375W	201 202	< 5	< 0.2	1.71	< 8	100	< 0.5	< 2	0.77	< 0.5	10	35	23	3.05	< 10	10	0.17	< 10	0.54	445	
18050E 10400W	201 202	< 5	< 0.2	2.02	< 6	150	< 0.5	2	0.66	< 0.5	9	28	19	2.61	< 10	10	0.15	< 10	0.45	445	
18050E 10425W	201 202	< 5	< 0.2	1.91	< 2	160	< 0.5	< 2	0.62	< 0.5	7	24	16	2.38	< 10	10	0.15	< 10	0.38	440	
18050E 10450W	201 202	< 5	< 0.2	2.30	< 2	260	< 0.5	6	1.12	< 0.5	11	27	35	2.66	< 10	40	0.22	< 10	0.51	965	
18050E 10475W	201 202	< 5	< 0.2	2.48	< 6	200	< 0.5	2	1.00	< 0.5	13	35	55	3.15	< 10	30	0.20	< 10	0.66	575	
18050E 10500W	201 202	< 5	< 0.2	2.10	< 4	250	< 0.5	< 2	1.36	< 0.5	11	31	54	2.76	< 10	40	0.18	< 10	0.60	695	
18050E 10525W	201 202	< 5	< 0.2	1.85	< 2	220	< 0.5	2	1.48	< 0.5	9	25	51	2.35	< 10	40	0.18	< 10	0.71	505	
18050E 10550W	201 202	< 5	< 0.2	1.96	< 2	200	< 0.5	2	1.00	< 0.5	14	32	50	2.99	< 10	50	0.20	< 10	0.74	685	
18050E 10575W	201 202	< 5	< 0.2	1.80	< 6	170	< 0.5	2	1.03	< 0.5	13	31	39	2.97	< 10	30	0.19	< 10	0.63	675	
18050E 10600W	201 202	< 5	< 0.2	2.77	< 2	370	< 0.5	< 2	0.55	< 0.5	10	25	22	2.58	< 10	10	0.12	< 10	0.46	835	
18050E 10625W	201 202	< 5	< 0.2	1.37	< 2	170	< 0.5	2	0.72	< 0.5	10	26	21	2.55	< 10	10	0.15	< 10	0.46	550	
18050E 10650W	201 202	< 5	< 0.2	1.94	< 2	140	< 0.5	2	0.72	< 0.5	12	29	22	3.08	< 10	10	0.17	< 10	0.47	620	
18050E 10675W	201 202	80	< 0.2	1.90	< 4	170	< 0.5	2	0.59	< 0.5	9	26	16	2.94	< 10	10	0.15	< 10	0.40	735	
18050E 10700W	201 202	< 5	< 0.2	1.79	< 2	180	< 0.5	< 2	0.59	< 0.5	9	23	17	2.56	< 10	10	0.16	< 10	0.38	960	
18050E 10725W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
18050E 10750W	201 202	< 5	< 0.2	1.90	< 8	230	< 0.5	4	1.11	< 0.5	11	28	49	2.66	< 10	30	0.23	< 10	0.69	280	
18050E 10775W	201 202	< 5	< 0.2	1.99	< 2	200	< 0.5	< 2	1.23	< 0.5	17	29	45	3.59	< 10	50	0.20	< 10	0.63	795	
18050E 10800W	201 202	< 5	< 0.2	2.13	< 2	200	< 0.5	2	1.08	< 0.5	10	24	30	2.75	< 10	30	0.30	< 10	0.57	470	
18050E 10825W	201 202	< 5	< 0.2	1.77	< 2	230	< 0.5	2	0.88	< 0.5	13	23	25	2.74	< 10	10	0.28	< 10	0.50	895	
18050E 10850W	201 202	< 5	< 0.2	2.48	< 2	290	< 0.5	< 2	0.94	< 0.5	15	31	32	3.41	< 10	30	0.30	< 10	0.55	1005	
18050E 10875W	201 202	< 5	< 0.2	1.85	< 2	250	< 0.5	2	0.90	< 0.5	14	27	33	3.10	< 10	10	0.21	< 10	0.54	815	
18050E 10900W	201 202	< 5	< 0.2	1.45	< 2	230	< 0.5	2	0.78	< 0.5	12	21	22	2.26	< 10	20	0.23	< 10	0.38	875	
18050E 10925W	201 202	< 5	< 0.2	2.97	< 2	420	< 0.5	< 2	1.45	< 0.5	16	27	52	3.21	< 10	30	0.39	< 10	0.69	1455	
18050E 10950W	201 202	< 5	< 0.2	3.02	< 2	320	< 0.5	2	0.76	< 0.5	11	25	24	2.78	< 10	20	0.26	< 10	0.50	930	
18050E 10975W	201 202	< 5	< 0.2	3.22	< 2	330	< 0.5	4	0.95	< 0.5	15	34	54	3.45	< 10	20	0.20	< 10	0.73	910	
18050E 11000W	201 202	< 5	< 0.2	2.55	< 2	400	< 0.5	< 2	1.22	< 0.5	13	29	44	2.85	< 10	40	0.43	< 10	0.65	1025	
18050E 11025W	201 202	< 5	< 0.2	3.22	< 2	330	< 0.5	4	1.17	< 0.5	18	42	82	3.83	< 10	30	0.41	< 10	1.01	1080	
18050E 11050W	201 202	< 5	< 0.2	2.54	< 2	400	< 0.5	< 2	0.93	< 0.5	16	27	52	2.94	< 10	30	0.39	< 10	0.69	1455	
18050E 11075W	201 202	< 5	< 0.2	2.52	< 2	380	< 0.5	4	1.05	< 0.5	13	25	37	2.77	< 10	40	0.24	< 10	0.55	1130	
18050E 11100W	201 202	< 5	< 0.2	2.49	< 6	360	< 0.5	< 2	0.82	< 0.5	13	22	28	2.45	< 10	30	0.25	< 10	0.46	1340	
18050E 11125W	201 202	< 5	< 0.2	2.08	< 2	250	< 0.5	2	0.48	< 0.5	7	18	16	2.07	< 10	20	0.18	< 10	0.33	780	

CERTIFICATION: *Heidi Puchler*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623211  
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## CERTIFICATE OF ANALYSIS A9623211

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18050E 10150W	201 202	< 1	0.01	10	460	2	8	5	50	0.17	< 10	< 10	85	< 10	56
18050E 10175W	201 202	< 1	0.02	11	580	2	6	5	34	0.13	< 10	< 10	68	< 10	110
18050E 10200W	201 202	< 1	0.01	13	420	2	2	7	68	0.17	< 10	< 10	88	< 10	65
18050E 10225W	201 202	1	< 0.01	19	610	4	8	10	68	0.18	< 10	< 10	112	< 10	52
18050E 10250W	201 202	1	0.01	12	460	2	6	6	55	0.17	< 10	< 10	90	< 10	50
18050E 10275W	201 202	1	0.01	10	530	< 2	8	5	46	0.15	< 10	< 10	79	< 10	62
18050E 10300W	201 202	1	0.01	10	460	2	4	6	47	0.15	< 10	< 10	75	< 10	52
18050E 10325W	201 202	1	0.01	10	370	< 2	6	6	51	0.16	< 10	< 10	87	< 10	45
18050E 10350W	201 202	1	0.01	13	410	4	6	7	57	0.17	< 10	< 10	99	< 10	42
18050E 10375W	201 202	2	< 0.01	11	400	2	6	6	53	0.19	< 10	< 10	105	< 10	34
18050E 10400W	201 202	< 1	0.01	9	320	2	< 2	5	48	0.16	< 10	< 10	83	< 10	44
18050E 10425W	201 202	< 1	0.01	8	390	2	6	5	45	0.15	< 10	< 10	70	< 10	46
18050E 10450W	201 202	1	0.02	11	490	2	< 2	7	72	0.14	< 10	< 10	75	< 10	46
18050E 10475W	201 202	< 1	0.01	15	660	4	6	9	58	0.16	< 10	< 10	97	< 10	46
18050E 10500W	201 202	< 1	0.02	13	600	2	2	7	81	0.14	< 10	< 10	84	< 10	44
18050E 10525W	201 202	< 1	0.01	13	900	2	< 2	5	86	0.08	< 10	< 10	68	< 10	36
18050E 10550W	201 202	4	0.01	15	780	2	4	7	71	0.11	< 10	< 10	91	< 10	38
18050E 10575W	201 202	1	< 0.01	14	670	2	< 2	7	59	0.12	< 10	< 10	94	< 10	40
18050E 10600W	201 202	1	0.01	13	790	2	2	5	35	0.12	< 10	< 10	64	< 10	78
18050E 10625W	201 202	1	< 0.01	9	460	2	< 2	5	45	0.13	< 10	< 10	81	< 1	



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-A  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623740  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Hg %	Mn ppm
17850E 9725W	201 202	< 5 < 0.2	1.92	< 2	220 < 0.5	< 2	0.95 < 0.5	12	30	34	2.94 < 10	30	0.26 < 10	0.64	855					
17850E 9750W	201 202	< 5 < 0.2	2.22	< 2	210 < 0.5	< 2	1.12 < 0.5	14	36	50	1.55 < 10	10	0.29 < 10	0.76	810					
17850E 9775W	201 202	< 5 < 0.2	2.37	< 2	190 < 0.5	< 2	0.95 < 0.5	12	34	42	1.37 < 10	10	0.20 < 10	0.64	640					
17850E 9800W	201 202	< 5 < 0.2	2.16	< 2	170 < 0.5	< 2	1.44 < 0.5	14	35	53	1.51 < 10	40	0.23 < 10	0.79	795					
17850E 9825W	201 202	< 5 < 0.2	2.16	< 2	210 < 0.5	< 2	1.12 < 0.5	15	38	53	1.37 < 10	40	0.27 < 10	0.91	830					
17850E 9850W	201 202	< 5 < 0.2	1.86	< 2	180 < 0.5	< 2	1.03 < 0.5	13	33	44	3.04 < 10	40	0.22 < 10	0.72	725					
17850E 9875W	201 202	< 5 < 0.2	2.01	< 2	200 < 0.5	< 2	1.30 < 0.5	13	34	53	3.10 < 10	50	0.20 < 10	0.78	735					
17850E 9900W	201 202	< 5 < 0.2	2.23	< 2	180 < 0.5	< 2	0.98 < 0.5	11	33	33	3.28 < 10	20	0.22 < 10	0.65	780					
17850E 9925W	201 202	< 5 < 0.2	2.73	< 2	250 < 0.5	< 2	1.34 < 0.5	16	40	68	3.77 < 10	40	0.38 < 10	1.06	940					
17850E 9950W	201 202	< 5 < 0.2	2.80	< 2	240 < 0.5	< 2	1.41 < 0.5	11	37	65	1.40 < 10	20	0.14 < 10	1.15	485					
17850E 9975W	201 202	< 5 < 0.2	2.52	< 2	260 < 0.5	< 2	1.41 < 0.5	16	40	64	3.55 < 10	60	0.34 < 10	1.15	910					
17850E 10000W	201 202	< 5 < 0.2	2.23	< 2	210 < 0.5	< 2	1.35 < 0.5	13	32	44	3.15 < 10	40	0.32 < 10	0.94	815					
17850E 10025W	201 202	< 5 < 0.2	2.46	< 2	190 < 0.5	< 2	1.11 < 0.5	14	37	47	3.44 < 10	50	0.25 < 10	0.79	795					
17850E 10050W	201 202	< 5 < 0.2	2.55	< 2	190 < 0.5	< 2	1.05 < 0.5	15	41	51	3.74 < 10	20	0.32 < 10	0.88	945					
17850E 10075W	201 202	< 5 < 0.2	2.60	< 2	200 < 0.5	< 2	1.06 < 0.5	16	43	61	3.74 < 10	40	0.21 < 10	0.91	790					
17850E 10100W	201 202	< 5 < 0.2	2.84	< 2	210 < 0.5	< 2	1.00 < 0.5	16	42	54	3.85 < 10	10	0.25 < 10	0.86	790					
17850E 10125W	201 202	< 5 < 0.2	2.32	< 2	200 < 0.5	< 2	1.33 < 0.5	14	37	52	3.58 < 10	50	0.23 < 10	0.78	935					
17850E 10150W	201 202	< 5 < 0.2	2.25	< 2	170 < 0.5	< 2	1.02 < 0.5	13	36	43	3.44 < 10	30	0.20 < 10	0.81	705					
17850E 10175W	201 202	< 5 < 0.2	2.72	< 2	200 < 0.5	< 2	1.19 < 0.5	15	44	74	4.03 < 10	50	0.30 < 10	0.99	785					
17850E 10200W	201 202	< 5 < 0.2	2.58	< 2	180 < 0.5	< 2	0.93 < 0.5	13	39	57	3.54 < 10	10	0.28 < 10	0.80	705					
17850E 10225W	201 202	< 5 < 0.2	2.44	< 2	200 < 0.5	< 2	1.09 < 0.5	13	39	49	3.65 < 10	20	0.27 < 10	0.81	755					
17850E 10250W	201 202	< 5 < 0.2	2.35	< 2	180 < 0.5	< 2	1.21 < 0.5	14	40	62	3.78 < 10	70	0.26 < 10	0.92	720					
17850E 10275W	201 202	< 5 < 0.2	2.46	< 2	140 < 0.5	< 2	0.88 < 0.5	9	33	30	3.09 < 10	20	0.22 < 10	0.58	635					
17850E 10300W	201 202	< 5 < 0.2	2.06	< 2	200 < 0.5	< 2	1.03 < 0.5	12	36	36	3.48 < 10	10	0.24 < 10	0.74	840					
17850E 10325W	201 202	< 5 < 0.2	1.94	< 2	170 < 0.5	< 2	0.99 < 0.5	11	34	36	3.21 < 10	10	0.20 < 10	0.70	605					
17850E 10350W	201 202	< 5 < 0.2	2.01	< 2	150 < 0.5	< 2	0.89 < 0.5	10	32	32	2.98 < 10	10	0.22 < 10	0.67	435					
17850E 10375W	201 202	< 5 < 0.2	1.93	< 2	190 < 0.5	< 2	0.76 < 0.5	9	29	27	2.63 < 10	20	0.20 < 10	0.52	540					
17850E 10400W	201 202	< 5 < 0.2	2.34	< 2	200 < 0.5	< 2	0.88 < 0.5	11	35	29	3.35 < 10	20	0.22 < 10	0.58	635					
17850E 10425W	201 202	< 5 < 0.2	2.67	< 2	200 < 0.5	< 2	0.88 < 0.5	12	35	34	3.54 < 10	10	0.28 < 10	0.71	765					
17850E 10450W	201 202	< 5 < 0.2	2.39	< 2	160 < 0.5	< 2	1.01 < 0.5	10	37	38	3.62 < 10	40	0.20 < 10	0.71	370					
17850E 10475W	201 202	< 5 < 0.2	2.97	< 2	210 < 0.5	< 2	1.22 < 0.5	15	44	66	4.29 < 10	30	0.28 < 10	0.89	670					
17850E 10500W	201 202	< 5 < 0.2	2.03	< 2	150 < 0.5	< 2	0.98 < 0.5	11	36	31	3.43 < 10	40	0.21 < 10	0.64	565					
17850E 10525W	201 202	< 5 < 0.2	1.81	< 2	140 < 0.5	< 2	0.72 < 0.5	10	30	24	2.76 < 10	< 10	0.19 < 10	0.48	445					
17850E 10550W	201 202	< 5 < 0.2	1.73	< 2	150 < 0.5	< 2	0.83 < 0.5	11	31	27	3.23 < 10	< 10	0.19 < 10	0.59	525					
17850E 10575W	201 202	< 5 < 0.2	1.78	< 2	150 < 0.5	< 2	0.80 < 0.5	10	28	22	3.13 < 10	10	0.14 < 10	0.45	565					
17850E 10600W	201 202	< 5 < 0.2	2.11	< 2	180 < 0.5	< 2	0.88 < 0.5	13	31	29	3.49 < 10	< 10	0.15 < 10	0.53	765					
17850E 10625W	201 202	< 5 < 0.2	2.10	< 2	150 < 0.5	< 2	1.18 < 0.5	12	34	37	3.69 < 10	30	0.15 < 10	0.75	525					
17850E 10650W	201 202	< 5 < 0.2	1.20	< 2	270 < 0.5	< 2	4.89 < 0.5	5	15	27	1.65 < 10	50	0.12 < 10	1.21	415					
17850E 10675W	201 202	< 5 < 0.2	1.32	< 2	240 < 0.5	< 2	6.04 < 0.5	5	15	30	1.65 < 10	30	0.18 < 10	1.29	285					
17850E 10900W	201 202	< 5 < 0.2	2.11	< 2	220 < 0.5	< 2	1.12 < 0.5	13	31	34	3.90 < 10	20	0.27 < 10	0.58	850					

CERTIFICATION: *Hart Bichler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-B  
 Total Pages :5  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623740  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17850E 9725W	201 202	4	0.01	14	570	2	< 2	8	65	0.16	< 10	< 10	80	< 10	52
17850E 9750W	201 202	4	< 0.01	16	720	< 2	< 2	10	65	0.18	< 10	< 10	110	< 10	48
17850E 9775W	201 202	4	0.01	15	750	4	< 2	9	62	0.17	< 10	10	103	< 10	48
17850E 9800W	201 202	4	0.01	17	730	4	< 2	10	70	0.17	< 10	10	108	< 10	52
17850E 9825W	201 202	4	0.01	20	660	4	< 2	10	88	0.17	< 10	< 10	100	< 10	62
17850E 9850W	201 202	3	0.01	15	550	2	< 2	9	66	0.16	< 10	< 10	92	< 10	48
17850E 9875W	201 202	3	0.01	17	720	6	< 2	9	68	0.16	< 10	< 10	103	< 10	44
17850E 9900W	201 202	4	0.02	13	650	2	< 2	9	76	0.18	< 10	< 10	102	< 10	58
17850E 9925W	201 202	5	0.02	21	790	4	< 2	12	122	0.18	< 10	10	108	< 10	66
17850E 9950W	201 202	3	0.03	18	720	2	< 2	11	155	0.17	< 10	< 10	86	< 10	62
17850E 9975W	201 202	5	0.01	20	690	2	< 2	11	144	0.17	< 10	< 10	103	< 10	60
17850E 10000W	201 202	4	0.03	14	540	4	< 2	9	128	0.16	< 10	< 10	92	< 10	50
17850E 10025W	201 202	3	0.01	17	610	2	< 2	10	84	0.18	< 10	< 10	105	< 10	54
17850E 10050W	201 202	3	0.01	19	560	6	< 2	11	87	0.20	< 10	10	115	< 10	60
17850E 10075W	201 202	4	0.01	21	550	4	< 2	12	82	0.19	< 10	< 10	114	< 10	56
17850E 10100W	201 202	3	0.01	20	640	6	< 2	12	78	0.21	< 10	< 10	114	< 10	60
17850E 10125W	201 202	3	0.01	19	650	2	< 2	11	82	0.19	< 10	< 10	111	< 10	62
17850E 10150W	201 202	3	0.01	16	390	2	< 2	10	80	0.20	< 10	< 10	108	< 10	54
17850E 10175W	201 202	3	0.01	21	510	4	< 2	13	86	0.20	< 10	10	119	< 10	60
17850E 10200W	201 202	3	0.01	18	390	6	< 2	11	74	0.20	< 10	< 10	105	< 10	60
17850E 10225W	201 202	4	0.01	18	350	2	< 2	11	87	0.23	< 10	< 10	117	< 10	66
17850E 10250W	201 202	3	0.01	20	1000	6	< 2	11	83	0.18	< 10	< 10	116	< 10	72
17850E 10275W	201 202	3	0.02	12	320	6	< 2	9	77	0.21	< 10	< 10	99	< 10	62
17850E 10300W	201 202	4	0.01	14	350	2	< 2	10	85	0.22	< 10	< 10	113	< 10	66
17850E 10325W	2														



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Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :2-A  
Total Pages :5  
Certificate Date: 17-JUL-96  
Invoice No. :19623740  
P.O. Number :  
Account :LOY

Project : PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
17850E 10925W	201 202	< 5	< 0.2	2.01	< 2	190	< 0.5	< 2	0.77	< 0.5	11	29	26	3.43	< 10	10	0.15	< 10	0.48	910
17850E 10950W	201 202	< 5	< 0.2	2.89	< 2	340	0.5	< 2	0.84	< 0.5	12	26	31	3.13	< 10	10	0.10	< 10	0.48	1510
17850E 10975W	201 202	< 5	< 0.2	2.92	< 2	340	0.5	< 2	1.01	< 0.5	14	29	19	3.42	< 10	30	0.37	< 10	0.58	1125
17850E 11000W	201 202	< 5	< 0.2	2.00	< 2	210	0.5	< 2	1.36	< 0.5	11	27	45	3.01	< 10	30	0.31	< 10	0.62	785
17850E 11025W	201 202	< 5	< 0.2	2.14	< 2	320	0.5	< 2	1.07	< 0.5	15	26	36	3.07	< 10	40	0.26	< 10	0.57	1185
17850E 11050W	201 202	< 5	< 0.2	2.37	< 2	390	0.5	< 2	0.99	< 0.5	15	26	41	3.18	< 10	40	0.30	< 10	0.55	1330
17850E 11075W	201 202	< 5	< 0.2	2.07	< 2	240	0.5	< 2	1.33	< 0.5	16	33	47	4.21	< 10	30	0.13	< 10	0.68	1020
17850E 11100W	201 202	< 5	< 0.2	2.76	< 2	330	0.5	< 2	1.52	0.5	18	36	53	4.22	< 10	50	0.38	< 10	0.77	1265
17850E 11125W	201 202	< 5	< 0.2	1.61	< 2	170	< 0.5	< 2	1.11	< 0.5	12	25	31	2.93	< 10	30	0.31	< 10	0.54	900
17850E 11150W	201 202	< 5	< 0.2	1.68	< 2	200	< 0.5	< 2	1.13	< 0.5	12	26	35	3.12	< 10	30	0.26	< 10	0.55	680
17850E 11175W	201 202	< 5	< 0.2	2.67	< 2	340	0.5	< 2	1.27	< 0.5	14	31	51	3.86	< 10	30	0.39	< 10	0.66	1385
17850E 9725W	201 202	< 5	< 0.2	2.75	< 2	190	0.5	< 2	1.91	< 0.5	14	39	72	3.69	< 10	60	0.38	< 10	1.31	465
17850E 9750W	201 202	< 5	< 0.2	2.85	< 2	220	0.5	< 2	2.06	< 0.5	15	38	68	3.71	< 10	70	0.47	< 10	1.38	460
17850E 9775W	201 202	< 5	< 0.2	2.52	< 2	200	< 0.5	< 2	1.64	0.5	12	35	60	3.27	< 10	40	0.39	< 10	1.23	410
17850E 9800W	201 202	< 5	< 0.2	2.22	< 2	210	< 0.5	< 2	1.33	< 0.5	13	33	65	3.25	< 10	40	0.35	< 10	1.15	510
17850E 9825W	201 202	< 5	< 0.2	2.21	< 2	230	< 0.5	< 2	1.24	< 0.5	12	32	56	3.19	< 10	40	0.28	< 10	1.07	610
17850E 9850W	201 202	< 5	< 0.2	2.15	< 2	240	< 0.5	< 2	1.11	< 0.5	13	31	50	3.01	< 10	30	0.27	< 10	0.93	715
17850E 9875W	201 202	< 5	< 0.2	2.29	< 2	230	< 0.5	< 2	1.08	< 0.5	14	33	50	3.28	< 10	50	0.30	< 10	0.85	880
17850E 9900W	201 202	< 5	< 0.2	2.34	< 2	220	< 0.5	< 2	1.06	< 0.5	13	32	45	3.30	< 10	30	0.29	< 10	0.75	940
17850E 9925W	201 202	< 5	< 0.2	2.10	< 2	210	< 0.5	< 2	0.91	< 0.5	13	31	36	3.00	< 10	20	0.22	< 10	0.58	795
17850E 9950W	201 202	< 5	< 0.2	2.24	< 2	190	< 0.5	< 2	1.02	< 0.5	14	33	51	3.37	< 10	30	0.25	< 10	0.76	825
17850E 9975W	201 202	< 5	< 0.2	1.92	< 2	220	< 0.5	< 2	1.12	< 0.5	12	29	43	2.76	< 10	30	0.28	< 10	0.66	795
17850E 10000W	201 202	< 5	< 0.2	1.47	< 2	190	< 0.5	< 2	0.77	< 0.5	10	24	24	2.32	< 10	20	0.21	< 10	0.50	920
17850E 10025W	201 202	< 5	< 0.2	2.31	< 2	260	< 0.5	< 2	1.01	< 0.5	14	36	53	3.57	< 10	20	0.42	< 10	0.80	1075
17850E 10050W	201 202	< 5	< 0.2	2.15	< 2	230	< 0.5	< 2	1.12	< 0.5	14	36	59	3.47	< 10	10	0.34	< 10	0.83	860
17850E 10075W	201 202	< 5	< 0.2	2.25	< 2	230	< 0.5	< 2	1.34	0.5	15	39	73	3.74	< 10	30	0.30	< 10	0.99	840
17850E 10100W	201 202	< 5	< 0.2	2.19	< 2	230	< 0.5	< 2	1.07	< 0.5	12	32	48	3.14	< 10	30	0.31	< 10	0.65	840
17850E 10125W	201 202	< 5	< 0.2	2.26	< 2	270	< 0.5	< 2	1.16	< 0.5	14	34	59	3.40	< 10	40	0.37	< 10	0.76	935
17850E 10150W	201 202	< 5	< 0.2	2.34	< 2	250	< 0.5	< 2	1.15	< 0.5	14	33	57	3.59	< 10	30	0.25	< 10	0.82	915
17850E 10175W	201 202	< 5	< 0.2	2.15	< 2	210	< 0.5	< 2	1.20	< 0.5	14	34	62	3.56	< 10	50	0.29	< 10	0.89	830
17850E 10200W	201 202	< 5	< 0.2	1.73	< 2	230	< 0.5	< 2	0.67	< 0.5	10	25	23	2.50	< 10	20	0.19	< 10	0.49	1085
17850E 10225W	201 202	< 5	< 0.2	2.07	< 2	200	< 0.5	< 2	0.81	< 0.5	12	29	36	2.92	< 10	20	0.30	< 10	0.66	880
17850E 10250W	201 202	< 5	< 0.2	2.38	< 2	250	< 0.5	< 2	1.12	< 0.5	16	38	66	3.73	< 10	40	0.26	< 10	0.95	920
17850E 10275W	201 202	< 5	< 0.2	2.56	< 2	230	< 0.5	< 2	1.25	< 0.5	16	38	68	3.99	< 10	30	0.30	< 10	0.93	955
17850E 10300W	201 202	< 5	< 0.2	2.22	< 2	230	< 0.5	< 2	1.00	< 0.5	15	34	45	3.42	< 10	40	0.28	< 10	0.81	960
17850E 10325W	201 202	< 5	< 0.2	2.56	< 2	190	0.5	< 2	0.92	< 0.5	14	37	52	3.63	< 10	60	0.30	< 10	0.76	780
17850E 10350W	201 202	< 5	< 0.2	1.89	< 2	170	< 0.5	< 2	0.79	< 0.5	12	30	28	2.96	< 10	20	0.20	< 10	0.57	920
17850E 10375W	201 202	< 5	< 0.2	2.01	< 2	160	< 0.5	< 2	0.82	< 0.5	11	31	26	3.22	< 10	20	0.22	< 10	0.58	820
17850E 10400W	201 202	< 5	< 0.2	1.88	< 2	160	< 0.5	< 2	0.77	< 0.5	9	29	23	2.98	< 10	20	0.16	< 10	0.51	560
17850E 10425W	201 202	< 5	< 0.2	1.32	< 2	100	< 0.5	< 2	0.59	< 0.5	6	21	14	2.30	< 10	10	0.16	< 10	0.38	465

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

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Total Pages :5  
Certificate Date: 17-JUL-96  
Invoice No. :19623740  
P.O. Number :  
Account :LOY

Project : PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
17850E 10925W	201 202	3	0.01	11	450	4	2	7	46	0.16	< 10	< 10	108	< 10	94
17850E 10950W	201 202	4	0.02	12	800	2	< 2	8	57	0.14	< 10	< 10	84	< 10	94
17850E 10975W	201 202	3	0.01	14	610	2	< 2	9	71	0.15	< 10	< 10	91	< 10	60
17850E 11000W	201 202	4	0.02	13	450	2	< 2	8	95	0.13	< 10	< 10	82	< 10	48
17850E 11025W	201 202	4	0.01	14	590	2	< 2	8	70	0.14	< 10	< 10	84	< 10	52
17850E 11050W	201 202	3	0.02	14	700	4	< 2	8	63	0.13	< 10	< 10	82	< 10	70
17850E 11075W	201 202	2	< 0.01	14	630	6	< 2	10	82	0.15	< 10	< 10	137	< 10	60
17850E 11100W	201 202	3	0.01	16	810	4	< 2	11	77	0.16	< 10	< 10	118	< 10	74
17850E 11125W	201 202	3	0.01	9	400	2	< 2	7	75	0.13	< 10	< 10	90	< 10	62
17850E 11150W	201 202	2	0.01	11	280	2	< 2	7	73	0.14	< 10	< 10	93	< 10	38
17850E 11175W	201 202	3	0.02	15	510	< 2	< 2	10	74	0.16	< 10	< 10	99	< 10	80
17850E 9725W	201 202	2	0.02	20	1230	4	< 2	11	154	0.17	< 10	< 10	99	< 10	59
17850E 9750W	201 202	3	0.03	21	1630	2	< 2	11	163	0.17	< 10	< 10	109	< 10	66
17850E 9775W	201 202	4	0.03	17	1310	2	< 2	10	141	0.15	< 10	< 10	79	< 10	62
17850E 9800W	201 202	4	0.01	18	990	6	< 2	9	110	0.13	< 10	< 10	87	< 10	52
17850E 9825W	201 202	3	0.01	16	680	2	< 2	9	109	0.14	< 10	< 10	86	< 10	50
17850E 9850W	201 202	4	0.01	16	630	2	< 2	8	107	0.14	< 10	< 10	81	< 10	50
17850E 9875W	201 202	4	0.01	18	690	2	< 2	9	82	0.16	< 10	< 10			



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

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Total Pages :5  
Certificate Date: 17-JUL-98  
Invoice No. :19623740  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE		Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
	FA+AA	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm
17950E 10450W	201	202	< 5	< 0.2	1.72	< 2	200	< 0.5	2	0.67	< 0.5	7	25	15	2.43	< 10	10	0.12	< 10	0.39	665
17950E 10475W	201	202	< 5	< 0.2	1.96	< 2	240	< 0.5	6	0.63	< 0.5	9	26	18	2.70	< 10	10	0.20	< 10	0.39	1185
17950E 10500W	201	202	< 5	< 0.2	2.09	< 2	190	< 0.5	6	0.73	< 0.5	10	32	27	3.09	< 10	10	0.18	< 10	0.54	565
17950E 10525W	201	202	< 5	< 0.2	1.70	< 2	160	< 0.5	2	0.73	< 0.5	9	30	22	2.94	< 10	10	0.13	< 10	0.48	470
17950E 10550W	201	202	< 5	< 0.2	1.88	< 2	180	< 0.5	2	0.74	< 0.5	11	31	23	3.13	< 10	20	0.17	< 10	0.56	870
17950E 10575W	201	202	< 5	< 0.2	1.96	< 2	180	< 0.5	< 2	0.63	< 0.5	10	27	20	2.81	< 10	10	0.18	< 10	0.48	720
17950E 10600W	201	202	< 5	< 0.2	1.81	< 2	160	< 0.5	< 2	0.62	< 0.5	9	35	18	2.75	< 10	10	0.16	< 10	0.43	630
17950E 10625W	201	202	< 5	< 0.2	1.76	< 2	160	< 0.5	2	0.92	< 0.5	11	29	27	3.04	< 10	30	0.16	< 10	0.64	650
17950E 10650W	201	202	< 5	< 0.2	1.90	< 2	190	< 0.5	2	1.42	< 0.5	11	24	33	2.85	< 10	30	0.20	< 10	0.66	545
17950E 10675W	201	202	10	< 0.2	2.07	< 2	240	< 0.5	< 2	1.88	< 0.5	8	25	52	2.23	< 10	40	0.20	< 10	0.72	270
17950E 10700W	201	202	5	< 0.2	2.33	< 2	280	< 0.5	2	1.59	< 0.5	13	33	54	2.72	< 10	30	0.23	< 10	0.72	360
17950E 10725W	201	202	< 5	< 0.2	1.26	< 2	400	< 0.5	2	3.05	< 0.5	7	49	49	1.39	< 10	50	0.10	< 10	0.62	120
17950E 10825W	201	202	80	< 0.2	1.87	< 2	150	< 0.5	4	0.77	< 0.5	10	27	26	3.24	< 10	10	0.15	< 10	0.43	510
17950E 10850W	201	202	< 5	< 0.2	1.78	< 2	240	< 0.5	2	0.79	< 0.5	10	23	21	2.91	< 10	20	0.11	< 10	0.38	910
17950E 10675W	201	202	< 5	< 0.2	1.57	< 2	190	< 0.5	6	0.65	< 0.5	8	22	19	2.60	< 10	30	0.16	< 10	0.33	395
17950E 10900W	201	202	< 5	< 0.2	2.27	< 2	190	< 0.5	< 2	0.73	< 0.5	11	26	22	3.18	< 10	60	0.14	< 10	0.39	730
17950E 10925W	201	202	< 5	< 0.2	2.04	< 2	160	< 0.5	< 2	0.98	< 0.5	14	38	32	3.32	< 10	20	0.27	< 10	0.55	725
17950E 10950W	201	202	< 5	< 0.2	0.42	< 2	490	< 0.5	2	315.00	1.5	< 1	6	37	0.26	< 10	40	0.03	< 10	0.45	95
17950E 10975W	201	202	< 5	< 0.2	0.21	< 2	460	< 0.5	2	115.00	1.5	< 1	6	10	0.10	< 10	40	0.02	< 10	0.36	165
17950E 11000W	201	202	< 5	< 0.2	0.94	< 2	480	< 0.5	2	11.55	1.5	< 1	13	62	0.61	< 10	40	0.06	< 10	0.66	125
17950E 11025W	201	202	< 5	< 0.2	0.52	< 2	500	< 0.5	2	13.25	1.5	< 1	6	25	0.40	< 10	40	0.03	< 10	0.86	165
17950E 11050W	201	202	< 5	< 0.2	0.49	< 2	480	< 0.5	2	13.30	1.5	< 1	7	25	0.36	< 10	30	0.03	< 10	0.64	165
17950E 11075W	201	202	< 5	< 0.2	0.57	< 2	540	< 0.5	2	14.75	1.5	< 1	7	22	0.46	< 10	30	0.04	< 10	0.89	210
17950E 11100W	201	202	20	< 0.2	1.00	< 2	430	< 0.5	2	11.05	1.5	< 6	19	37	1.46	< 10	30	0.10	< 10	0.77	570
17950E 11125W	201	202	< 5	< 0.2	2.71	< 2	500	< 0.5	6	1.05	< 0.5	12	25	34	2.71	< 10	20	0.29	< 10	0.48	1325
17950E 11150W	201	202	< 5	< 0.2	2.12	< 2	360	< 0.5	2	1.06	< 0.5	9	20	26	2.28	< 10	40	0.27	< 10	0.43	1015
17950E 11175W	201	202	< 5	< 0.2	1.80	< 2	350	< 0.5	2	4.92	< 0.5	8	21	39	2.19	< 10	10	0.41	< 10	0.60	675
17950E 11200W	201	202	< 5	< 0.2	3.05	< 2	370	< 0.5	2	1.15	< 0.5	18	44	72	4.08	< 10	10	0.59	< 10	0.96	1400
17950E 11225W	201	202	< 5	< 0.2	3.57	< 2	410	< 0.5	2	1.05	< 0.5	14	34	43	3.52	< 10	10	0.28	< 10	0.72	995
17950E 11250W	201	202	< 5	< 0.2	2.85	< 2	410	< 0.5	< 2	1.58	< 0.5	14	34	49	1.47	< 10	30	0.44	< 10	0.70	1205
19150E 7450W	201	202	< 5	< 0.2	1.66	< 2	70	< 0.5	< 2	0.79	< 0.5	7	24	12	2.73	< 10	10	0.09	< 10	0.39	185
19150E 7475W	201	202	< 5	< 0.2	2.61	< 2	130	< 0.5	8	1.00	< 0.5	9	28	28	3.14	< 10	30	0.14	< 10	0.67	305
19150E 7500W	201	202	< 5	< 0.2	2.38	< 2	120	< 0.5	6	0.87	< 0.5	8	26	28	2.83	< 10	10	0.11	< 10	0.62	280
19150E 7525W	201	202	< 5	< 0.2	2.05	< 2	110	< 0.5	4	0.79	< 0.5	10	31	26	2.90	< 10	20	0.07	< 10	0.60	255
19150E 7625W	201	202	< 5	< 0.2	1.66	< 2	110	< 0.5	< 2	2.82	< 0.5	8	26	22	2.62	< 10	30	0.24	< 10	0.86	265
19150E 7650W	201	202	< 5	< 0.2	2.03	< 2	130	< 0.5	6	0.77	< 0.5	11	41	25	3.05	< 10	10	0.14	< 10	0.64	335
19150E 7675W	201	202	< 5	< 0.2	1.62	< 2	100	< 0.5	2	0.51	< 0.5	8	32	11	2.31	< 10	10	0.06	< 10	0.40	150
19150E 7700W	201	202	100	< 0.2	1.72	< 2	90	< 0.5	6	0.70	< 0.5	11	46	18	2.93	< 10	10	0.13	< 10	0.68	285
19150E 7725W	201	202	< 5	< 0.2	2.08	< 2	110	< 0.5	4	0.59	< 0.5	13	56	22	3.11	< 10	10	0.11	< 10	0.84	470
19150E 7750W	201	202	< 5	< 0.2	2.09	< 2	230	< 0.5	2	0.85	< 0.5	12	47	28	2.81	< 10	40	0.23	< 10	0.64	1250

CERTIFICATION: Hart Buchler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :3-B  
Total Pages :5  
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## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE		Mo	Na	W	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
	ppm	%	ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
17950E 10450W	201	202	< 1	0.01	9	310	2	< 2	4	41	0.15	< 10	< 10	69	< 10	48
17950E 10475W	201	202	< 1	0.01	11	600	2	< 2	5	42	0.15	< 10	< 10	75	< 10	90
17950E 10500W	201	202	< 1	0.01	13	310	2	< 2	7	50	0.18	< 10	< 10	93	< 10	50
17950E 10525W	201	202	< 1	0.01	11	240	< 2	< 2	6	49	0.18	< 10	< 10	95	< 10	44
17950E 10550W	201	202	< 1	0.01	12	300	2	< 2	7	51	0.18	< 10	< 10	96	< 10	54
17950E 10575W	201	202	< 1	0.01	10	360	< 2	< 2	6	53	0.16	< 10	< 10	83	< 10	60
17950E 10600W	201	202	< 1	0.01	12	480	< 2	< 2	5	45	0.16	< 10	< 10	84	< 10	56
17950E 10625W	201	202	< 1	0.01	11	390	2	< 2	7	58	0.16	< 10	< 10	99	< 10	44
17950E 10650W	201	202	< 1	0.01	12	570	< 2	< 2	7	103	0.12	< 10	< 10	79	< 10	36
17950E 10675W	201	202	< 1	0.01	11	1480	2	< 2	5	110	0.07	< 10	< 10	66	< 10	44
17950E 10700W	201	202	< 1	0.02	15	990	2	< 2	7	88	0.11	< 10	< 10	77	< 10	54
17950E 10725W	201	202	2	0.04	10	1210	4	< 2	3	150	0.05	< 10	< 10	63	< 10	32
17950E 10825W	201	202	< 1	0.01	9	230	< 2	< 2	6	46	0.17	< 10	< 10	108	< 10	70
17950E 10850W	201	202	< 1	0.01	8	320	2	< 2	5	43	0.14	< 10	< 10	90	< 10	74
17950E 10875W	201	202	< 1	0.01	8	290	2	< 2	4	39	0.14	< 10	< 10	83	< 10	60
17950E 10900W	201	202	< 1	0.01	10	290	2	< 2	7	49	0.16	< 10	< 10	100	< 10	74
17950E 10925W	201	202	< 1	0.01	10											



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Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

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## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Au ppb FA/AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19150E 7775W	201 202	< 5 < 0.2	3.14	< 2	210	0.5	< 2	0.81	0.5	14	54	43	3.41	10	10	0.25	< 10	0.80	970	
19150E 7800W	201 202	< 5 < 0.2	1.80	< 2	140	< 0.5	< 2	0.88	< 0.5	13	44	31	3.04	10	10	0.27	< 10	0.77	655	
19150E 7825W	201 202	< 5 < 0.2	1.67	< 2	120	< 0.5	< 2	0.78	< 0.5	10	37	19	2.81	< 10	10	0.16	< 10	0.57	405	
19150E 7850W	201 202	< 5 < 0.2	1.76	< 2	110	< 0.5	< 2	0.83	< 0.5	9	35	18	2.76	10	10	0.15	< 10	0.54	240	
19150E 7875W	201 202	< 5 < 0.2	1.47	< 2	110	< 0.5	< 2	0.62	< 0.5	7	28	13	2.37	< 10	40	0.09	< 10	0.45	215	
19150E 7900W	201 202	< 5 < 0.2	1.70	< 2	110	< 0.5	< 2	0.69	< 0.5	9	34	21	2.74	< 10	30	0.13	< 10	0.57	355	
19150E 7925W	201 202	< 5 < 0.2	1.74	< 2	130	< 0.5	< 2	0.71	< 0.5	9	33	17	2.66	< 10	20	0.16	< 10	0.53	520	
19150E 7950W	201 202	< 5 < 0.2	2.54	< 2	200	0.5	4	0.89	< 0.5	8	32	30	2.74	10	20	0.24	< 10	0.74	245	
19150E 7975W	201 202	< 5 < 0.2	1.35	< 2	100	< 0.5	< 2	0.69	< 0.5	9	32	18	2.59	< 10	20	0.13	< 10	0.52	315	
19150E 8000W	201 202	< 5 < 0.2	1.62	< 2	120	< 0.5	< 2	0.77	< 0.5	11	35	28	2.78	< 10	10	0.14	< 10	0.63	475	
19150E 8025W	201 202	< 5 < 0.2	1.46	< 2	80	< 0.5	< 2	0.56	< 0.5	8	29	16	2.39	< 10	< 10	0.15	< 10	0.47	315	
19150E 8050W	201 202	< 5 < 0.2	2.31	< 2	170	< 0.5	< 2	0.78	< 0.5	10	33	54	2.83	10	40	0.20	< 10	0.58	585	
19150E 8075W	201 202	< 5 < 0.2	1.56	< 2	130	< 0.5	< 2	0.66	< 0.5	9	31	18	2.62	< 10	10	0.18	< 10	0.50	500	
19150E 8100W	201 202	< 5 < 0.2	1.45	< 2	140	< 0.5	< 2	0.78	< 0.5	9	30	15	2.60	10	10	0.17	< 10	0.47	585	
19150E 8125W	201 202	< 5 < 0.2	1.60	< 2	120	< 0.5	< 2	0.72	< 0.5	8	31	16	2.64	< 10	30	0.15	< 10	0.46	435	
19150E 8150W	201 202	< 5 < 0.2	1.53	< 2	120	< 0.5	< 2	0.73	< 0.5	7	28	16	2.48	< 10	< 10	0.17	< 10	0.42	645	
19150E 8175W	201 202	< 5 < 0.2	1.69	< 2	130	< 0.5	< 2	0.83	< 0.5	9	34	21	2.80	10	10	0.14	< 10	0.50	545	
19150E 8200W	201 202	< 5 < 0.2	1.68	< 2	110	< 0.5	< 2	0.77	< 0.5	9	32	21	2.69	< 10	30	0.17	< 10	0.49	460	
19150E 8225W	201 202	< 5 < 0.2	1.84	< 2	120	< 0.5	< 2	0.91	< 0.5	9	34	25	2.90	< 10	10	0.19	< 10	0.54	520	
19150E 8250W	201 202	< 5 < 0.2	1.82	< 2	110	< 0.5	< 2	0.81	< 0.5	9	34	20	2.79	< 10	30	0.18	< 10	0.50	470	
19150E 8275W	201 202	< 5 < 0.2	1.49	< 2	120	< 0.5	< 2	0.58	< 0.5	8	27	15	2.45	< 10	30	0.12	< 10	0.43	355	
19150E 8300W	201 202	30 < 0.2	1.37	< 2	120	< 0.5	6	0.67	< 0.5	8	27	19	2.43	< 10	20	0.15	< 10	0.44	480	
19150E 8325W	201 202	< 5 < 0.2	1.34	< 2	140	< 0.5	< 2	0.58	< 0.5	7	26	14	2.28	< 10	10	0.11	< 10	0.40	670	
19150E 8350W	201 202	< 5 < 0.2	1.69	< 2	150	< 0.5	< 2	0.58	< 0.5	8	28	15	2.57	< 10	40	0.17	< 10	0.44	665	
19150E 8375W	201 202	< 5 < 0.2	1.54	< 2	160	< 0.5	< 2	0.64	< 0.5	8	28	16	2.41	< 10	20	0.16	< 10	0.42	510	
19150E 8400W	201 202	< 5 < 0.2	1.58	< 2	140	< 0.5	< 2	0.64	< 0.5	8	28	16	2.43	< 10	20	0.14	< 10	0.45	480	
19150E 8425W	201 202	< 5 < 0.2	1.43	< 2	160	< 0.5	< 2	0.67	< 0.5	7	25	13	2.24	< 10	20	0.13	< 10	0.39	750	
19150E 8450W	201 202	< 5 < 0.2	1.53	< 2	150	< 0.5	< 2	0.66	< 0.5	8	27	17	2.38	< 10	20	0.14	< 10	0.42	620	
19150E 8475W	201 202	< 5 < 0.2	1.60	< 2	110	< 0.5	< 2	0.78	< 0.5	11	39	27	3.11	10	10	0.17	< 10	0.59	335	
19150E 8500W	201 202	< 5 < 0.2	1.98	< 2	180	< 0.5	4	0.62	< 0.5	9	31	21	2.79	< 10	< 10	0.16	< 10	0.52	495	
19150E 8525W	201 202	< 5 < 0.2	1.54	< 2	170	< 0.5	< 2	0.46	< 0.5	7	24	12	2.20	< 10	10	0.12	< 10	0.37	450	
19150E 8550W	201 202	55 < 0.2	1.83	< 2	210	< 0.5	< 2	0.55	< 0.5	9	28	14	2.48	< 10	10	0.10	< 10	0.41	1050	
19150E 8575W	201 202	< 5 < 0.2	1.56	< 2	160	< 0.5	< 2	0.51	< 0.5	10	30	13	2.55	< 10	30	0.11	< 10	0.43	950	
19150E 8600W	201 202	< 5 < 0.2	2.26	< 2	220	< 0.5	< 2	0.56	< 0.5	15	42	27	3.32	10	10	0.13	< 10	0.71	860	
19150E 8625W	201 202	< 5 < 0.2	1.70	< 2	130	< 0.5	< 2	0.58	< 0.5	9	33	20	2.72	< 10	10	0.11	< 10	0.49	435	
19150E 8650W	201 202	< 5 < 0.2	1.75	< 2	140	< 0.5	< 2	0.70	< 0.5	8	34	14	2.78	< 10	30	0.12	< 10	0.46	595	
19150E 8675W	201 202	< 5 < 0.2	1.71	< 2	120	< 0.5	< 2	0.81	< 0.5	9	32	16	2.79	< 10	10	0.12	< 10	0.52	615	
19150E 8700W	201 202	< 5 < 0.2	1.98	< 2	150	< 0.5	< 2	0.80	< 0.5	11	33	23	2.98	< 10	30	0.12	< 10	0.59	755	
19150E 8725W	201 202	< 5 < 0.2	2.24	< 2	170	< 0.5	< 2	1.25	< 0.5	15	39	26	3.14	10	40	0.17	< 10	0.75	880	
19150E 8750W	201 202	40 < 0.2	2.46	< 2	150	0.5	4	1.27	0.5	9	39	186	2.76	10	110	0.10	< 10	0.80	430	

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 4-B  
Total Pages : 5  
Certificate Date: 17-JUL-96  
Invoice No. : 19623740  
P.O. Number :  
Account : LOY

Project : PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19150E 7775W	201 202	< 1 < 0.01	29	840	< 2	< 2	10	51	0.15	< 10	< 10	87	< 10	78	
19150E 7800W	201 202	< 1 < 0.01	19	540	< 2	< 2	7	43	0.17	< 10	< 10	99	< 10	38	
19150E 7825W	201 202	< 1 < 0.01	13	630	< 2	< 2	6	57	0.16	< 10	< 10	92	< 10	36	
19150E 7850W	201 202	< 1 < 0.01	12	540	< 2	< 2	6	64	0.17	< 10	< 10	86	< 10	34	
19150E 7875W	201 202	< 1 < 0.01	10	390	< 2	< 2	4	47	0.15	< 10	< 10	74	< 10	30	
19150E 7900W	201 202	< 1 < 0.01	13	420	< 2	< 2	6	53	0.16	< 10	< 10	81	< 10	32	
19150E 7925W	201 202	< 1 < 0.01	11	380	< 2	< 2	6	57	0.16	< 10	< 10	81	< 10	32	
19150E 7950W	201 202	< 1 < 0.02	13	390	< 2	< 2	8	73	0.16	< 10	< 10	71	< 10	50	
19150E 7975W	201 202	< 1 < 0.01	11	460	< 2	< 2	5	54	0.15	< 10	< 10	80	< 10	28	
19150E 8000W	201 202	< 1 < 0.01	15	760	< 2	< 2	6	50	0.14	< 10	< 10	84	< 10	32	
19150E 8025W	201 202	< 1 < 0.01	11	380	< 2	< 2	4	38	0.14	< 10	< 10	72	< 10	32	
19150E 8050W	201 202	< 1 < 0.01	17	460	< 2	< 2	7	48	0.15	< 10	< 10	76	< 10	40	
19150E 8075W	201 202	< 1 < 0.01	12	450	< 2	< 2	5	44	0.15	< 10	< 10	79	< 10	40	
19150E 8100W	201 202	< 1 < 0.01	11	430	< 2	< 2	5	53	0.15	< 10	< 10	82	< 10	34	
19150E 8125W	201 202	< 1 < 0.01	11	410	< 2	< 2	5	54	0.16	< 10	< 10	84	< 10	38	
19150E 8150W	201 202	< 1 < 0.01	10	500	< 2	< 2	5	50	0.15	< 10	< 10	76	< 10	56	
19150E 8175W	201 202	< 1 < 0.01	13	350	< 2	< 2	6	58	0.16	< 10	< 10	86	< 10	40	
19150E 8200W	201 202	< 1 < 0.01	13	350	< 2	< 2	6	55	0.15	< 10	< 10	85	< 10	40	
19150E 8225W	201 202	< 1 < 0.01	14	690	< 2	< 2	7	64	0.16	< 10	< 10	89	< 10	40	
19150E 8250W	201 202	< 1 < 0.01	13	460	< 2	< 2	6	63	0.16	< 10	< 10	88	< 10	40	
19150E 8275W	201 202	< 1 < 0.01	11	480	< 2	< 2	4	33	0.13						



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6978 LABURNUM ST.  
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V6P 6M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

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Invoice No. :19623740  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19150E 8775W	201 202	< 5	< 0.2	2.37	< 2	140	< 0.5	< 2	1.17	0.5	13	44	35	3.40	10	10	0.11	< 10	0.90	650
19150E 8800W	201 202	< 5	< 0.2	2.06	< 2	150	< 0.5	< 2	0.93	< 0.5	11	34	27	2.97	10	10	0.11	< 10	0.64	620
19150E 8825W	201 202	< 5	< 0.2	2.32	< 2	160	< 0.5	< 2	0.83	0.5	11	33	28	2.98	10	20	0.10	< 10	0.65	495
19150E 8850W	201 202	< 5	< 0.2	3.27	< 2	230	0.5	2	1.54	0.5	14	38	85	3.64	10	60	0.22	< 10	1.14	595
19150E 8875W	201 202	< 5	< 0.2	2.72	< 2	180	0.5	6	1.44	0.5	14	40	71	3.54	10	70	0.25	< 10	1.05	630
19150E 8900W	201 202	< 5	< 0.2	2.77	< 2	170	0.5	< 2	1.50	0.5	15	43	71	3.61	10	50	0.27	< 10	1.20	670
19150E 8925W	201 202	< 5	< 0.2	2.03	< 2	170	< 0.5	< 2	2.73	0.5	13	42	55	3.27	10	60	0.19	< 10	1.34	645
19150E 8950W	201 202	< 5	< 0.2	2.33	< 2	160	0.5	< 2	1.17	0.5	12	39	50	3.21	10	30	0.21	< 10	0.94	565
19150E 8975W	201 202	< 5	< 0.2	2.25	< 2	200	0.5	6	1.60	0.5	14	40	58	3.31	10	50	0.24	< 10	1.12	745
19150E 9000W	201 202	< 5	< 0.2	2.02	< 2	180	< 0.5	6	1.04	0.5	14	45	44	3.30	10	20	0.26	< 10	0.86	800
19150E 9025W	201 202	< 5	< 0.2	1.87	< 2	150	< 0.5	4	0.81	0.5	13	40	31	3.05	10	10	0.20	< 10	0.74	690
19150E 9050W	201 202	< 5	< 0.2	1.82	< 2	160	< 0.5	4	0.76	< 0.5	11	41	28	2.81	< 10	10	0.15	< 10	0.69	410
19150E 9075W	201 202	25	< 0.2	1.76	< 2	190	< 0.5	2	0.76	< 0.5	11	31	34	2.85	10	10	0.17	< 10	0.67	710
19150E 9100W	201 202	< 5	< 0.2	1.70	< 2	190	< 0.5	2	1.07	0.5	13	30	40	2.89	< 10	30	0.18	< 10	0.71	910

CERTIFICATION: *Leonard Saleken*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

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## CERTIFICATE OF ANALYSIS A9623740

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19150E 8775W	201 202	< 1	< 0.01	19	290	< 2	< 2	10	66	0.18	< 10	< 10	98	< 10	32
19150E 8800W	201 202	< 1	0.01	15	360	2	< 2	8	68	0.17	< 10	< 10	89	< 10	36
19150E 8825W	201 202	< 1	0.02	14	620	2	< 2	8	60	0.17	< 10	< 10	87	< 10	60
19150E 8850W	201 202	< 1	0.01	20	510	2	< 2	11	107	0.17	< 10	< 10	102	< 10	54
19150E 8875W	201 202	< 1	0.01	22	720	2	< 2	10	88	0.15	< 10	< 10	96	< 10	54
19150E 8900W	201 202	1	0.02	22	790	2	< 2	11	104	0.17	< 10	< 10	105	< 10	52
19150E 8925W	201 202	< 1	0.02	21	1040	< 2	< 2	9	141	0.15	< 10	< 10	102	< 10	46
19150E 8950W	201 202	< 1	0.03	19	520	< 2	< 2	9	86	0.16	< 10	< 10	89	< 10	46
19150E 8975W	201 202	< 1	0.01	21	900	< 2	< 2	9	109	0.15	< 10	< 10	96	< 10	48
19150E 9000W	201 202	1	0.01	23	600	2	< 2	8	81	0.16	< 10	< 10	95	< 10	42
19150E 9025W	201 202	1	0.01	18	630	< 2	< 2	7	62	0.16	< 10	< 10	89	< 10	46
19150E 9050W	201 202	< 1	0.01	18	490	< 2	< 2	6	59	0.15	< 10	< 10	81	< 10	36
19150E 9075W	201 202	1	0.01	17	470	2	< 2	6	53	0.14	< 10	< 10	80	< 10	40
19150E 9100W	201 202	3	0.01	16	500	2	< 2	7	66	0.14	< 10	< 10	85	< 10	52

CERTIFICATION: *Leonard Saleken*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

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 Total Pages :7  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623741  
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## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA*AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19250E 7450W	201 202	< 5 < 0.2	0.03	< 2	30 < 0.5	< 2	2.05 < 0.5	< 1	1	7	0.05 < 10	70	0.03 < 10	0.22	20					
19250E 7475W	201 202	< 5 < 0.2	2.16	< 2	120 < 0.5	< 2	0.97 < 0.5	10	14	25	2.98 < 10	30	0.12 < 10	0.63	255					
19250E 7500W	201 202	< 5 < 0.2	1.49	< 2	110 < 0.5	< 2	0.57 < 0.5	8	27	9	2.33 < 10	10	0.10 < 10	0.36	160					
19250E 7525W	201 202	< 5 < 0.2	2.15	< 2	120 < 0.5	< 2	2.22 < 0.5	7	24	32	2.26 < 10	50	0.10 < 10	0.58	215					
19250E 7550W	201 202	< 5 < 0.2	1.39	< 2	130 < 0.5	< 2	1.79 < 0.5	6	24	55	1.57 < 10	70	0.09 < 10	0.49	240					
19250E 7575W	201 202	< 5 < 0.2	0.70	< 2	140 < 0.5	< 2	4.78 < 1.0	4	11	143	0.70 < 10	90	0.05 < 10	0.28	350					
19250E 7700W	201 202	< 5 < 0.2	1.57	< 2	140 < 0.5	< 2	2.77 < 0.5	7	26	97	1.93 < 10	50	0.14 < 10	0.74	270					
19250E 7725W	201 202	< 5 < 0.2	2.42	< 2	140 < 0.5	< 2	0.64 < 0.5	12	42	18	1.29 < 10	10	0.10 < 10	0.60	220					
19250E 7750W	201 202	< 5 < 0.2	2.06	< 2	160 < 0.5	< 2	0.85 < 0.5	10	35	22	2.60 < 10	20	0.12 < 10	0.57	710					
19250E 7775W	201 202	< 5 < 0.2	2.01	< 2	170 < 0.5	< 2	3.99 < 0.5	10	42	47	2.12 < 10	100	0.22 < 10	0.79	530					
19250E 7800W	201 202	< 5 < 0.2	2.36	< 2	140 < 0.5	< 2	1.47 < 0.5	17	111	41	3.34 < 10	80	0.19 < 10	1.09	925					
19250E 7825W	201 202	< 5 < 0.2	4.51	< 2	140 < 0.5	< 2	0.64 < 0.5	18	157	13	3.44 < 10	60	0.06 < 10	1.89	1355					
19250E 7850W	201 202	< 5 < 0.2	3.10	< 2	220 < 0.5	< 2	0.47 < 0.5	12	69	47	2.90 < 10	20	0.11 < 10	0.82	675					
19250E 7875W	201 202	< 5 < 0.2	1.54	< 2	150 < 0.5	< 2	0.68 < 0.5	11	35	18	2.58 < 10	30	0.11 < 10	0.59	740					
19250E 7900W	201 202	< 5 < 0.2	1.81	< 2	110 < 0.5	< 2	0.45 < 0.5	8	29	13	2.28 < 10	10	0.12 < 10	0.44	220					
19250E 7925W	201 202	< 5 < 0.2	1.88	< 2	200 < 0.5	< 2	1.15 < 0.5	12	38	48	2.65 < 10	30	0.16 < 10	0.73	885					
19250E 7950W	201 202	< 5 < 0.2	1.51	< 2	150 < 0.5	< 2	0.74 < 0.5	11	31	19	2.45 < 10	30	0.20 < 10	0.53	840					
19250E 7975W	201 202	< 5 < 0.2	1.70	< 2	140 < 0.5	< 2	0.79 < 0.5	9	31	17	2.67 < 10	10	0.19 < 10	0.50	635					
19250E 8000W	201 202	< 5 < 0.2	2.09	< 2	160 < 0.5	< 2	0.78 < 0.5	9	34	18	2.92 < 10	30	0.15 < 10	0.49	440					
19250E 8025W	201 202	< 5 < 0.2	1.70	< 2	120 < 0.5	< 2	0.68 < 0.5	8	30	14	2.60 < 10	10	0.11 < 10	0.41	560					
19250E 8050W	201 202	< 5 < 0.2	1.92	< 2	130 < 0.5	< 2	0.76 < 0.5	9	34	17	2.91 < 10	10	0.13 < 10	0.49	345					
19250E 8075W	201 202	< 5 < 0.2	1.98	< 2	150 < 0.5	< 2	0.75 < 0.5	10	34	25	2.77 < 10	20	0.14 < 10	0.55	545					
19250E 8100W	201 202	< 5 < 0.2	2.36	< 2	220 < 0.5	< 2	0.91 < 0.5	9	32	34	2.69 < 10	40	0.20 < 10	0.62	525					
19250E 8125W	201 202	< 5 < 0.2	1.94	< 2	150 < 0.5	< 2	0.72 < 0.5	10	30	22	2.62 < 10	20	0.22 < 10	0.50	535					
19250E 8150W	201 202	< 5 < 0.2	1.72	< 2	140 < 0.5	< 2	0.86 < 0.5	10	32	20	2.81 < 10	10	0.17 < 10	0.51	755					
19250E 8175W	201 202	< 5 < 0.2	2.28	< 2	180 < 0.5	< 2	0.78 < 0.5	12	37	26	3.09 < 10	10	0.20 < 10	0.64	810					
19250E 8200W	201 202	< 5 < 0.2	1.98	< 2	150 < 0.5	< 2	0.74 < 0.5	10	38	20	2.48 < 10	30	0.13 < 10	0.48	740					
19250E 8225W	201 202	< 5 < 0.2	1.70	< 2	150 < 0.5	< 2	0.76 < 0.5	9	28	18	2.76 < 10	10	0.13 < 10	0.51	900					
19250E 8250W	201 202	< 5 < 0.2	2.15	< 2	120 < 0.5	< 2	0.94 < 0.5	12	37	42	3.59 < 10	20	0.17 < 10	0.71	520					
19250E 8275W	201 202	< 5 < 0.2	1.72	< 2	150 < 0.5	< 2	0.71 < 0.5	8	23	13	2.56 < 10	10	0.15 < 10	0.43	870					
19250E 8300W	201 202	< 5 < 0.2	1.83	< 2	180 < 0.5	< 2	0.88 < 0.5	10	27	17	2.80 < 10	10	0.18 < 10	0.50	985					
19250E 8325W	201 202	< 5 < 0.2	1.43	< 2	110 < 0.5	< 2	0.66 < 0.5	7	22	12	2.14 < 10	10	0.11 < 10	0.36	575					
19250E 8350W	201 202	< 5 < 0.2	1.85	< 2	100 < 0.5	< 2	0.72 < 0.5	9	29	15	2.74 < 10	< 10	0.13 < 10	0.44	330					
19250E 8375W	201 202	< 5 < 0.2	1.87	< 2	110 < 0.5	< 2	0.86 < 0.5	10	33	25	3.16 < 10	< 10	0.15 < 10	0.57	305					
19250E 8400W	201 202	< 5 < 0.2	2.01	< 2	140 < 0.5	< 2	0.73 < 0.5	8	25	15	2.67 < 10	10	0.16 < 10	0.40	775					
19250E 8425W	201 202	< 5 < 0.2	1.92	< 2	150 < 0.5	< 2	0.76 < 0.5	9	26	17	2.62 < 10	10	0.14 < 10	0.43	550					
19250E 8450W	201 202	< 5 < 0.2	1.88	< 2	150 < 0.5	< 2	0.84 < 0.5	11	37	24	2.94 < 10	10	0.28 < 10	0.66	705					
19250E 8475W	201 202	< 5 < 0.2	1.74	< 2	150 < 0.5	< 2	0.54 < 0.5	8	25	14	2.32 < 10	10	0.12 < 10	0.40	490					
19250E 8500W	201 202	< 5 < 0.2	1.75	< 2	240 < 0.5	< 2	0.56 < 0.5	8	27	15	2.23 < 10	20	0.21 < 10	0.40	1020					
19250E 8525W	201 202	10 < 0.2	1.52	< 2	80 < 0.5	< 2	0.73 < 0.5	10	37	19	2.99 < 10	10	0.14 < 10	0.52	490					

CERTIFICATION: Horst Buchler



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19250E 7450W	201 202	< 1	0.06	< 1	530	< 2	< 2	< 1	48 < 0.01	< 10	< 10	1	< 10	4	
19250E 7475W	201 202	< 1	0.01	15	340	< 2	< 2	7	74	0.15 < 10	< 10	87	< 10	36	
19250E 7500W	201 202	< 1	0.01	9	760	< 2	< 2	4	46	0.12 < 10	< 10	69	< 10	30	
19250E 7525W	201 202	< 1	0.05	13	470	< 2	< 2	6	77	0.12 < 10	< 10	59	< 10	32	
19250E 7550W	201 202	< 1	0.08	17	940	< 2	< 2	3	88	0.08 < 10	< 10	44	< 10	28	
19250E 7575W	201 202	< 1	0.07	15	1750	< 2	< 2	1	94	0.02 < 10	< 10	39	< 10	18	
19250E 7700W	201 202	< 1	0.05	19	1190	< 2	< 2	4	158	0.08 < 10	< 10	52	< 10	36	
19250E 7725W	201 202	< 1	0.01	20	1150	< 2	< 2	6	47	0.15 < 10	< 10	89	< 10	54	
19250E 7750W	201 202	< 1	0.02	17	340	< 2	< 2	6	76	0.14 < 10	< 10	70	< 10	42	
19250E 7775W	201 202	< 1	0.09	29	1900	< 2	< 2	7	133	0.08 < 10	< 10	53	< 10	62	
19250E 7800W	201 202	< 1	< 0.01	55	640	< 2	< 2	14	50	0.11 < 10	< 10	69	< 10	56	
19250E 7825W	201 202	< 1	< 0.01	82	1740	< 2	< 2	14	11	0.09 < 10	< 10	77	< 10	106	
19250E 7850W	201 202	< 1	0.01	36	1390	< 2	< 2	13	33	0.09 < 10	< 10	60	< 10	60	
19250E 7875W	201 202	< 1	< 0.01	15	360	< 2	< 2	5	45	0.15 < 10	< 10	77	< 10	34	
19250E 7900W	201 202	< 1	0.01	12	660	< 2	< 2	4	32	0.13 < 10	< 10	60	< 10	44	
19250E 7925W	201 202	< 1	< 0.01	19	690	< 2	< 2	6	91	0.14 < 10	< 10	77	< 10	48	
19250E 7950W	201 202	< 1	< 0.01	13	680	< 2	< 2	5	50	0.13 < 10	< 10	70	< 10	46	
19250E 7975W	201 202	< 1	0.01	13	580	< 2	< 2	5	49	0.15 < 10	< 10	82	< 10	58	
19250E 8000W	201 202	< 1	0.01	15											





# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :2-A  
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Certificate Date: 17-JUL-98  
Invoice No. :19623741  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	FREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bl ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	
19250K 8550W	201 202	< 5 < 0.2	1.58	< 2	120 < 0.5	2	0.65 < 0.5	8	27	18	2.38 < 10	30	0.13 < 10	40	0.13 < 10	0.42	445				
19250K 8575W	201 202	< 5 < 0.2	1.41	< 2	100 < 0.5	2	0.58 < 0.5	8	28	14	2.36 < 10	40	0.13 < 10	40	0.13 < 10	0.43	545				
19250K 8600W	201 202	< 5 < 0.2	1.56	< 2	120 < 0.5	4	0.57 < 0.5	9	30	14	2.44 < 10	10	0.14 < 10	40	0.15 < 10	0.45	605				
19250K 8625W	201 202	< 5 < 0.2	2.15	< 2	160 < 0.5	6	0.67 < 0.5	11	34	22	2.88	10	0.15 < 10	40	0.15 < 10	0.43	715				
19250K 8650W	201 202	< 5 < 0.2	1.97	< 2	140 < 0.5	2	0.86 < 0.5	12	40	24	3.16	10	0.14 < 10	40	0.14 < 10	0.69	645				
19250K 8675W	201 202	< 5 < 0.2	2.43	< 2	130 < 0.5	2	0.62 < 0.5	10	38	14	2.77	10	0.16 < 10	40	0.16 < 10	0.57	1265				
19250K 8700W	201 202	< 5 < 0.2	1.91	< 2	120 < 0.5	2	0.75 < 0.5	10	33	17	2.66 < 10	30	0.14 < 10	40	0.14 < 10	0.53	640				
19250K 8725W	201 202	< 5 < 0.2	2.81	< 2	160 < 0.5	6	0.64 < 0.5	12	41	25	3.39	10	0.14 < 10	40	0.14 < 10	0.66	360				
19250K 8750W	201 202	< 5 < 0.2	2.32	< 2	110 < 0.5	2	0.77 < 0.5	9	32	14	2.81	10	0.11 < 10	40	0.11 < 10	0.51	415				
19250K 8775W	201 202	< 5 < 0.2	1.84	< 2	110 < 0.5	2	0.54 < 0.5	7	20	9	2.08 < 10	10	0.11 < 10	40	0.11 < 10	0.33	395				
19250K 8800W	201 202	< 5 < 0.2	2.42	< 2	190 < 0.5	2	1.54	0.5	9	32	35	2.67	10	50	0.13 < 10	0.63	635				
19250K 8825W	201 202	< 5 < 0.2	0.05	2	160 < 0.5	2	3.88	0.5	1	1	15	0.22 < 10	90	0.04 < 10	0.32	35					
19250K 8850W	201 202	< 5 < 0.2	0.97	6	240 < 0.5	2	7.86 < 0.5	5	15	70	1.09 < 10	68	0.05 < 10	0.54	190						
19250K 8875W	201 202	< 5 < 0.2	1.12	2	230 < 0.5	2	6.96	0.5	4	14	25	1.19 < 10	40	0.08 < 10	0.87	290					
19250K 8900W	201 202	< 5 < 0.2	1.66	< 2	230 < 0.5	2	2.78	0.5	7	22	29	2.06 < 10	30	0.18 < 10	0.69	305					
19250K 8925W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19250K 8950W	201 202	< 5 < 0.2	1.81	< 2	150 < 0.5	2	3.22	0.5	14	36	66	3.12	10	60	0.19 < 10	1.22	650				
19250K 8975W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19250K 9000W	201 202	< 5 < 0.2	2.06	< 2	690	0.5	2	1.93	0.5	15	37	58	3.13	10	30	0.22 < 10	1.00	525			
19250K 9025W	201 202	< 5 < 0.2	2.02	< 2	180	0.5	2	1.17	0.5	15	62	55	3.57	10	20	0.33 < 10	0.91	760			
19250K 9050W	201 202	< 5 < 0.2	2.00	< 2	220 < 0.5	4	1.24	0.5	14	41	50	3.54	10	20	0.25 < 10	0.85	775				
19250K 9075W	201 202	< 5 < 0.2	1.93	< 2	210 < 0.5	2	1.10 < 0.5	13	38	35	3.41 < 10	30	0.17 < 10	40	0.17 < 10	0.65	800				
19250K 9100W	201 202	< 5 < 0.2	2.09	< 2	200 < 0.5	2	1.13	0.5	14	39	36	3.54	10	20	0.20 < 10	0.72	855				
19550K 7725W	201 202	< 5 < 0.2	1.55	< 2	130 < 0.5	2	0.41 < 0.5	8	30	10	2.21 < 10	20	0.09 < 10	40	0.09 < 10	0.35	865				
19550K 7750W	201 202	15 < 0.2	1.14	< 2	70 < 0.5	2	0.40 < 0.5	6	26	10	1.95 < 10	10	0.06 < 10	40	0.06 < 10	0.35	160				
19550K 7775W	201 202	< 5 < 0.2	1.51	< 2	70 < 0.5	2	0.76 < 0.5	12	49	26	3.15 < 10	40	0.09 < 10	40	0.09 < 10	0.82	240				
19550K 7800W	201 202	< 5 < 0.2	1.53	< 2	130 < 0.5	2	0.45 < 0.5	8	29	16	2.24 < 10	10	0.08 < 10	40	0.08 < 10	0.43	400				
19550K 7825W	201 202	< 5 < 0.2	1.61	< 2	120 < 0.5	2	0.52 < 0.5	10	39	17	2.30 < 10	20	0.08 < 10	40	0.08 < 10	0.55	460				
19550K 7850W	201 202	< 5 < 0.2	1.79	< 2	140 < 0.5	2	0.63 < 0.5	14	62	25	2.79	10	0.11 < 10	40	0.11 < 10	0.85	700				
19550K 7875W	201 202	< 5 < 0.2	1.60	< 2	190 < 0.5	2	0.75 < 0.5	11	44	21	2.52	10	0.15 < 10	40	0.15 < 10	0.60	650				
19550K 7900W	201 202	< 5 < 0.2	1.37	< 2	90 < 0.5	2	0.51 < 0.5	9	36	10	2.27 < 10	40	0.13 < 10	40	0.13 < 10	0.42	525				
19550K 7925W	201 202	< 5 < 0.2	1.32	< 2	100 < 0.5	2	0.57 < 0.5	8	38	12	2.29 < 10	40	0.10 < 10	40	0.10 < 10	0.47	235				
19550K 7950W	201 202	< 5 < 0.2	0.93	< 2	110 < 0.5	2	0.39 < 0.5	6	27	7	1.64 < 10	10	0.07 < 10	40	0.07 < 10	0.28	360				
19550K 7975W	201 202	< 5 < 0.2	1.54	< 2	90 < 0.5	2	0.62 < 0.5	9	38	18	2.49 < 10	40	0.11 < 10	40	0.11 < 10	0.56	205				
19550K 8000W	201 202	< 5 < 0.2	1.52	< 2	120 < 0.5	2	0.56 < 0.5	8	32	16	2.38 < 10	10	0.12 < 10	40	0.12 < 10	0.49	230				
19550K 8025W	201 202	< 5 < 0.2	1.43	< 2	100 < 0.5	2	0.43 < 0.5	7	27	10	2.05 < 10	10	0.10 < 10	40	0.10 < 10	0.35	330				
19550K 8050W	201 202	< 5 < 0.2	1.73	< 2	220 < 0.5	2	0.56 < 0.5	10	41	15	2.41 < 10	10	0.11 < 10	40	0.11 < 10	0.54	950				
19550K 8075W	201 202	< 5 < 0.2	1.38	< 2	100 < 0.5	2	0.44 < 0.5	8	69	13	2.10 < 10	40	0.09 < 10	40	0.09 < 10	0.48	405				
19550K 8100W	201 202	< 5 < 0.2	1.79	< 2	150 < 0.5	6	0.63 < 0.5	10	52	15	2.52 < 10	10	0.12 < 10	40	0.12 < 10	0.66	605				
19550K 8125W	201 202	< 5 < 0.2	1.71	< 2	140 < 0.5	2	0.40 < 0.5	7	32	11	2.10 < 10	40	0.08 < 10	40	0.08 < 10	0.45	360				

CERTIFICATION: *Grant Crooker*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :2-B  
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## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	FREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19250K 8550W	201 202	< 1 < 0.01	11	310	< 2	< 2	4	41	0.13 < 10	< 10	< 10	70	< 10	24	
19250K 8575W	201 202	< 1 < 0.01	11	380	< 2	< 2	4	34	0.13 < 10	< 10	< 10	69	< 10	26	
19250K 8600W	201 202	< 1 < 0.01	13	640	< 2	< 2	4	34	0.12 < 10	< 10	< 10	71	< 10	34	
19250K 8625W	201 202	< 1 < 0.01	18	590	< 2	< 2	7	38	0.15 < 10	< 10	< 10	84	< 10	48	
19250K 8650W	201 202	< 1 < 0.01	18	730	< 2	< 2	7	47	0.16 < 10	< 10	< 10	96	< 10	50	
19250K 8675W	201 202	< 1 < 0.02	19	430	< 2	< 2	6	35	0.12 < 10	< 10	< 10	77	< 10	72	
19250K 8700W	201 202	< 1 < 0.01	15	400	< 2	< 2	6	42	0.12 < 10	< 10	< 10	77	< 10	38	
19250K 8725W	201 202	< 1 < 0.02	21	940	< 2	< 2	7	41	0.15 < 10	< 10	< 10	92	< 10	62	
19250K 8750W	201 202	< 1 < 0.02	12	190	< 2	< 2	6	53	0.17 < 10	< 10	< 10	85	< 10	30	
19250K 8775W	201 202	< 1 < 0.03	8	310	< 2	< 2	4	38	0.12 < 10	< 10	< 10	56	< 10	24	
19250K 8800W	201 202	< 1 < 0.01	14	520	< 2	< 2	8	82	0.12 < 10	< 10	< 10	73	< 10	34	
19250K 8825W	201 202	< 1 < 0.01	2	1420	< 2	< 2	1	165	0.01 < 10	< 10	< 10	49	< 10	6	
19250K 8850W	201 202	< 1 < 0.02	12	1640	< 2	< 2	1	210	0.03 < 10	< 10	< 10	45	< 10	12	
19250K 8875W	201 202	< 1 < 0.03	10	1080	< 2	< 2	1	160	0.04 < 10	< 10	< 10	29	< 10	26	
19250K 8900W	201 202	< 1 < 0.02	12	750	< 2	< 2	4	96	0.09 < 10	< 10	< 10	54	< 10	32	
19250K 8925W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19250K 8950W	201 202	< 1 < 0.01	23	1180	< 2	< 2	8	105	0.12 < 10	< 10	< 10	96	< 10	46	
19250K 8975W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
19250K 9000W	201 202	< 1 < 0.01	21	1010	< 2	< 2	9	181	0.09 &						





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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

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## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19550E 0150W	201 202	< 5	0.2	1.32	< 2	80	< 0.5	< 2	0.45	< 0.5	6	30	10	1.96	< 10	30	0.10	< 10	0.33	350
19550E 0175W	201 202	< 5	0.2	1.90	< 2	130	< 0.5	< 2	0.39	< 0.5	13	87	17	2.61	< 10	20	0.14	< 10	0.91	380
19550E 0200W	201 202	< 5	0.2	2.72	< 2	250	< 0.5	< 2	1.54	< 0.5	24	144	52	4.05	< 10	80	0.20	< 10	2.28	760
19550E 0225W	201 202	< 5	0.2	0.07	< 2	160	< 0.5	< 2	4.77	< 0.5	3	3	13	0.51	< 10	90	0.05	< 10	0.38	220
19550E 0250W	201 202	< 5	0.2	1.88	< 2	220	< 0.5	< 2	0.89	< 0.5	12	55	20	2.80	< 10	50	0.17	< 10	0.70	1020
19550E 0275W	201 202	< 5	0.2	2.41	< 2	200	< 0.5	< 2	1.14	< 0.5	9	42	59	2.41	< 10	40	0.14	< 10	0.67	215
19550E 0300W	201 202	< 5	0.2	2.07	< 2	140	< 0.5	< 2	0.79	< 0.5	9	31	18	2.38	< 10	10	0.21	< 10	0.57	575
19550E 0325W	201 202	< 5	0.2	2.12	< 2	150	< 0.5	< 2	0.61	< 0.5	10	34	18	2.55	< 10	40	0.17	< 10	0.52	435
19650E 0000W	201 202	< 5	0.2	1.85	< 2	110	< 0.5	< 2	2.37	< 0.5	16	73	85	2.97	< 10	80	0.12	< 10	1.30	875
19650E 0025W	201 202	< 5	0.2	1.73	< 2	200	< 0.5	< 2	1.03	< 0.5	12	72	26	2.59	< 10	< 10	0.23	< 10	0.80	490
19650E 0050W	201 202	< 5	0.2	1.82	< 2	220	< 0.5	< 2	0.65	< 0.5	9	45	13	2.50	< 10	30	0.16	< 10	0.49	300
19650E 0075W	201 202	< 5	0.2	1.73	< 2	130	< 0.5	< 2	0.68	< 0.5	9	46	16	2.81	< 10	< 10	0.10	< 10	0.58	305
19650E 0100W	201 202	< 5	0.2	1.66	< 2	140	< 0.5	< 2	0.53	< 0.5	8	35	14	2.39	< 10	10	0.11	< 10	0.46	235
19650E 0125W	201 202	< 5	0.2	1.57	< 2	120	< 0.5	< 2	0.54	< 0.5	8	33	13	2.22	< 10	< 10	0.12	< 10	0.49	475
19650E 0150W	201 202	< 5	0.2	1.35	< 2	80	< 0.5	< 2	0.69	< 0.5	10	43	16	2.71	< 10	10	0.15	< 10	0.69	510
19650E 0175W	201 202	< 5	0.2	1.60	< 2	140	< 0.5	< 2	0.65	< 0.5	10	47	23	3.09	< 10	30	0.12	< 10	0.76	230
19650E 0200W	201 202	< 5	0.2	1.48	< 2	110	< 0.5	< 2	0.39	< 0.5	9	31	14	2.22	< 10	< 10	0.09	< 10	0.48	365
19650E 0225W	201 202	< 5	0.2	1.45	< 2	110	< 0.5	< 2	0.41	< 0.5	8	41	13	2.29	< 10	< 10	0.08	< 10	0.54	350
19650E 0250W	201 202	< 5	0.2	1.76	< 2	110	< 0.5	< 2	0.37	< 0.5	8	42	17	2.14	< 10	< 10	0.11	< 10	0.51	460
19650E 0275W	201 202	< 5	0.2	2.55	< 2	140	< 0.5	< 2	0.90	< 0.5	21	174	51	4.03	< 10	< 10	0.33	< 10	2.26	450
19650E 0300W	201 202	50	< 0.2	1.49	< 2	130	< 0.5	< 2	0.63	< 0.5	10	68	16	2.55	< 10	< 10	0.21	< 10	0.78	470
19650E 0325W	201 202	< 5	0.2	1.01	< 2	170	< 0.5	< 2	0.20	< 0.5	4	26	5	1.28	< 10	< 10	0.08	< 10	0.21	830
20150E 9100W	201 202	< 5	0.2	1.91	< 2	190	< 0.5	< 2	1.00	< 0.5	11	30	30	2.89	< 10	10	0.21	< 10	0.58	805
20150E 9125W	201 202	< 5	0.2	1.84	< 2	170	< 0.5	< 2	1.19	< 0.5	11	36	37	3.23	< 10	30	0.22	< 10	0.74	695
20150E 9150W	201 202	< 5	0.2	1.82	< 2	150	< 0.5	< 2	0.91	< 0.5	10	32	23	3.11	< 10	< 10	0.18	< 10	0.53	655
20150E 9175W	201 202	< 5	0.2	1.78	< 2	230	< 0.5	< 2	0.73	< 0.5	8	26	18	2.73	< 10	< 10	0.16	< 10	0.43	1450
20150E 9200W	201 202	< 5	0.2	1.64	< 2	170	< 0.5	< 2	0.75	< 0.5	7	25	14	2.65	< 10	< 10	0.18	< 10	0.42	845
20150E 9225W	201 202	< 5	0.2	1.68	< 2	120	< 0.5	< 2	0.80	< 0.5	9	29	20	2.92	< 10	< 10	0.17	< 10	0.49	540
20150E 9250W	201 202	< 5	0.2	1.71	< 2	150	< 0.5	< 2	0.80	< 0.5	8	27	17	2.75	< 10	< 10	0.19	< 10	0.47	715
20150E 9275W	201 202	< 5	0.2	2.14	< 2	150	< 0.5	< 2	0.89	< 0.5	10	33	27	3.39	< 10	10	0.27	< 10	0.58	795
20150E 9300W	201 202	< 5	0.2	2.03	< 2	120	< 0.5	< 2	0.92	< 0.5	9	34	22	3.29	< 10	< 10	0.19	< 10	0.57	350
20150E 9325W	201 202	< 5	0.2	1.98	< 2	130	< 0.5	< 2	0.83	< 0.5	9	32	23	3.15	< 10	< 10	0.19	< 10	0.56	395
20150E 9350W	201 202	< 5	0.2	1.90	< 2	130	< 0.5	< 2	0.83	< 0.5	9	30	21	3.05	< 10	< 10	0.19	< 10	0.56	475
20150E 9375W	201 202	< 5	0.2	1.53	< 2	110	< 0.5	< 2	0.69	< 0.5	7	26	17	2.59	< 10	< 10	0.14	< 10	0.48	350
20150E 9400W	201 202	< 5	0.2	2.15	< 2	170	< 0.5	< 2	0.64	< 0.5	9	28	17	2.92	< 10	40	0.18	< 10	0.49	500
20350E 0700W	201 202	< 5	0.2	1.92	< 2	150	< 0.5	< 2	1.82	< 0.5	13	81	42	2.50	< 10	40	0.14	< 10	0.93	1360
20350E 0725W	201 202	< 5	0.2	1.59	< 2	100	< 0.5	< 2	0.60	< 0.5	12	87	19	2.65	< 10	< 10	0.13	< 10	0.90	510
20350E 0750W	201 202	< 5	0.2	1.72	< 2	120	< 0.5	< 2	0.73	< 0.5	12	108	22	2.78	< 10	< 10	0.14	< 10	1.02	430
20350E 0775W	201 202	< 5	0.2	2.14	< 2	180	< 0.5	< 2	1.17	< 0.5	13	111	28	3.01	< 10	10	0.20	< 10	1.16	1055
20350E 0800W	201 202	< 5	0.4	0.88	< 2	260	< 0.5	< 2	6.24	1.0	3	49	78	1.06	< 10	50	0.13	< 10	0.67	740

CERTIFICATION: *Hart Bickler*



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19550E 0150W	201 202	2	0.01	12	260	2	< 2	3	33	0.14	< 10	< 10	62	< 10	24
19550E 0175W	201 202	1	0.01	55	770	2	< 2	5	31	0.13	< 10	< 10	64	< 10	42
19550E 0200W	201 202	1	0.01	113	800	< 2	< 2	15	53	0.11	< 10	< 10	113	< 10	48
19550E 0225W	201 202	10	0.04	10	950	< 2	< 2	< 1	153	< 0.01	< 10	< 10	15	< 10	8
19550E 0250W	201 202	3	0.01	37	510	4	< 2	6	49	0.14	< 10	< 10	79	< 10	48
19550E 0275W	201 202	2	0.04	35	520	< 2	< 2	7	71	0.12	< 10	< 10	67	< 10	48
19550E 0300W	201 202	1	0.02	13	590	2	< 2	6	57	0.16	< 10	< 10	78	< 10	42
19550E 0325W	201 202	3	0.02	20	950	2	< 2	5	45	0.13	< 10	< 10	67	< 10	46
19650E 0000W	201 202	3	0.04	55	910	< 2	< 2	7	62	0.17	< 10	< 10	81	< 10	32
19650E 0025W	201 202	2	0.03	47	690	2	< 2	5	58	0.14	< 10	< 10	70	< 10	34
19650E 0050W	201 202	1	0.03	22	1500	2	< 2	4	47	0.13	< 10	< 10	68	< 10	44
19650E 0075W	201 202	2	0.02	21	800	< 2	< 2	5	59	0.17	< 10	< 10	87	< 10	38
19650E 0100W	201 202	2	0.02	19	780	< 2	< 2	4	42	0.14	< 10	< 10	71	< 10	36
19650E 0125W	201 202	1	0.02	17	510	6	< 2	4	42	0.15	< 10	< 10	65	< 10	40
19650E 0150W	201 202	1	0.01	20	350	< 2	< 2	5	46	0.18	< 10	< 10	86	< 10	40
19650E 0175W	201 202	1	0.01	23	1100	2	< 2	5	45	0.14	< 10	< 10	88	< 10	40
19650E 0200W	201 202	1	0.01	15	570	2	< 2	3	29	0.13	< 10	< 10	64	< 10	36
19650E 0225W	201 202	1	0.01	23	630	2	< 2	3	31	0.13	< 10	< 10	64	< 10	38
19650E 0250W	201 202	1	0.03	30	490	< 2	< 2	3	28	0.13	< 10	< 10	57	< 10	36
19650E 0275W	201 202	2	0.01	143	650	2	< 2	9	73	0.18	< 10	< 10	103	< 10	34
196															



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :4-A  
Total Pages :7  
Certificate Date: 17-JUL-98  
Invoice No. :19823741  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA/AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm	
20350E 8825W	201 202	< 5	0.2	1.56	< 2	190	< 0.5	< 2	2.09	0.5	10	75	74	2.13	< 10	70	0.13	< 10	0.92	515	
20350E 8850W	201 202	< 5	0.2	2.28	< 2	210	< 0.5	< 2	1.82	0.5	10	87	144	2.48	< 10	10	0.12	< 10	1.22	555	
20350E 8875W	201 202	< 5	0.2	1.51	< 2	110	< 0.5	< 2	0.66	0.5	9	52	15	2.28	< 10	10	0.11	< 10	0.61	420	
20350E 8900W	201 202	< 5	0.2	1.66	< 2	100	< 0.5	< 2	0.65	0.5	14	93	27	2.94	< 10	< 10	0.23	< 10	1.09	595	
20350E 8925W	201 202	< 5	0.2	2.01	< 2	110	< 0.5	< 2	0.61	0.5	21	233	17	3.15	< 10	< 10	0.24	< 10	2.34	520	
20350E 8950W	201 202	< 5	0.2	1.97	< 2	140	< 0.5	< 2	0.95	0.5	21	188	37	3.45	< 10	< 10	0.21	< 10	2.27	570	
20350E 8975W	201 202	< 5	0.2	1.95	< 2	90	< 0.5	< 2	0.86	0.5	10	152	20	3.47	< 10	< 10	0.18	< 10	1.60	430	
20350E 9000W	201 202	< 5	0.2	1.61	< 2	110	< 0.5	< 2	0.72	0.5	13	123	15	3.06	< 10	< 10	0.19	< 10	1.06	420	
20350E 9025W	201 202	< 5	0.2	1.96	< 2	120	< 0.5	< 2	0.68	0.5	12	92	18	2.91	< 10	< 10	0.17	< 10	0.89	440	
20350E 9050W	201 202	< 5	0.2	2.23	< 2	120	< 0.5	< 2	0.75	0.5	17	107	59	3.59	< 10	< 10	0.18	< 10	1.12	540	
20350E 9075W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20350E 9100W	201 202	< 5	0.2	2.07	< 2	190	< 0.5	< 2	1.79	0.5	13	51	74	2.87	< 10	70	0.10	< 10	0.99	435	
20350E 9125W	201 202	< 5	0.2	2.84	< 2	220	0.5	< 2	1.30	0.5	17	48	58	3.72	< 10	10	0.37	< 10	0.98	920	
20350E 9150W	201 202	< 5	0.2	2.27	< 2	190	< 0.5	< 2	1.15	0.5	14	54	18	3.25	< 10	30	0.40	< 10	0.85	785	
20350E 9175W	201 202	< 5	0.2	1.86	< 2	180	< 0.5	< 2	0.98	0.5	11	29	23	2.72	< 10	20	0.26	< 10	0.54	920	
20350E 9200W	201 202	< 5	0.2	2.11	< 2	190	< 0.5	< 2	0.89	0.5	10	30	24	2.96	< 10	10	0.21	< 10	0.52	905	
20350E 9225W	201 202	< 5	0.2	2.11	< 2	170	< 0.5	< 2	0.74	0.5	9	30	22	2.97	< 10	< 10	0.21	< 10	0.52	645	
20350E 9250W	201 202	< 5	0.2	1.68	< 2	140	< 0.5	< 2	1.05	0.5	10	32	32	3.16	< 10	< 10	0.17	< 10	0.61	645	
20350E 9275W	201 202	< 5	0.2	1.99	< 2	220	< 0.5	< 2	1.01	0.5	10	30	21	2.94	< 10	< 10	0.22	< 10	0.52	855	
20350E 9300W	201 202	< 5	0.2	1.97	< 2	170	< 0.5	< 2	0.89	0.5	13	35	34	3.25	< 10	10	0.23	< 10	0.65	705	
20350E 9325W	201 202	< 5	0.2	2.01	< 2	170	< 0.5	< 2	1.00	0.5	12	35	33	3.28	< 10	< 10	0.23	< 10	0.66	690	
20350E 9350W	201 202	< 5	0.2	1.59	< 2	120	< 0.5	< 2	0.83	0.5	8	30	19	2.74	< 10	< 10	0.16	< 10	0.51	495	
20350E 9375W	201 202	< 5	0.2	1.50	< 2	80	< 0.5	< 2	1.05	0.5	9	34	20	3.07	< 10	< 10	0.12	< 10	0.61	435	
20350E 9400W	201 202	< 5	0.2	1.63	< 2	110	< 0.5	< 2	0.55	0.5	6	20	11	2.10	< 10	< 10	0.15	< 10	0.34	565	
20450E 8800W	201 202	35	0.2	2.09	< 2	130	< 0.5	< 2	2.33	0.5	16	123	64	3.58	< 10	30	0.19	< 10	1.47	550	
20450E 8825W	201 202	< 5	0.2	2.18	< 2	120	< 0.5	< 2	2.10	0.5	18	128	111	3.63	< 10	30	0.23	< 10	1.50	620	
20450E 8850W	201 202	< 5	0.2	1.73	< 2	100	< 0.5	< 2	0.83	0.5	10	71	16	2.35	< 10	10	0.17	< 10	0.73	570	
20450E 8875W	201 202	< 5	0.2	1.84	< 2	120	< 0.5	< 2	0.99	0.5	11	63	22	2.58	< 10	< 10	0.14	< 10	0.76	435	
20450E 8900W	201 202	< 5	0.2	2.07	< 2	110	< 0.5	< 2	0.83	0.5	12	62	37	3.00	< 10	10	0.16	< 10	0.82	425	
20450E 8925W	201 202	< 5	0.2	1.64	< 2	80	< 0.5	< 2	0.78	0.5	13	114	23	2.93	< 10	10	0.20	< 10	1.04	340	
20450E 8950W	201 202	< 5	0.2	1.69	< 2	100	< 0.5	< 2	0.52	0.5	10	40	14	2.45	< 10	10	0.12	< 10	0.63	345	
20450E 8975W	201 202	< 5	0.2	1.86	< 2	130	< 0.5	< 2	0.51	0.5	9	60	15	2.29	< 10	< 10	0.13	< 10	0.62	485	
20450E 9000W	201 202	< 5	0.2	1.59	< 2	100	< 0.5	< 2	0.66	0.5	12	67	16	2.53	< 10	< 10	0.15	< 10	0.69	325	
20450E 9025W	201 202	40	0.2	2.10	< 2	120	< 0.5	< 2	0.90	0.5	16	129	51	3.37	< 10	< 10	0.15	< 10	1.16	510	
20450E 9050W	201 202	< 5	0.2	1.83	< 2	110	< 0.5	< 2	0.88	0.5	15	122	27	3.30	< 10	20	0.17	< 10	1.16	555	
20450E 9075W	201 202	< 5	0.2	1.71	< 2	120	< 0.5	< 2	0.68	0.5	11	64	16	2.52	< 10	< 10	0.12	< 10	0.68	425	
20450E 9100W	201 202	< 5	0.2	2.44	< 2	130	< 0.5	< 2	1.61	0.5	17	108	208	2.58	< 10	40	0.15	< 10	1.38	680	
20450E 9150W	201 202	10	0.2	2.31	< 2	200	< 0.5	< 2	1.94	0.5	11	52	89	2.75	< 10	50	0.17	< 10	0.99	225	
20450E 9175W	201 202	< 5	0.2	2.79	< 2	200	< 0.5	< 2	1.08	0.5	13	41	82	3.52	< 10	30	0.29	< 10	0.74	775	
20450E 9200W	201 202	< 5	0.2	2.35	< 2	180	< 0.5	< 2	0.84	0.5	11	30	29	2.92	< 10	10	0.30	< 10	0.56	725	

CERTIFICATION: *Heidi Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :4-B  
Total Pages :7  
Certificate Date: 17-JUL-98  
Invoice No. :19823741  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20350E 8825W	201 202	2	0.02	41	780	4	2	5	106	0.10	< 10	< 10	60	< 10	32
20350E 8850W	201 202	2	0.03	57	1088	6	2	7	69	0.13	< 10	< 10	70	< 10	42
20350E 8875W	201 202	1	0.01	22	630	4	2	4	44	0.12	< 10	< 10	65	< 10	48
20350E 8900W	201 202	1	0.01	43	630	2	2	6	42	0.16	< 10	< 10	85	< 10	42
20350E 8925W	201 202	1	0.01	147	470	2	2	4	49	0.15	< 10	< 10	81	< 10	26
20350E 8950W	201 202	1	0.01	139	590	6	2	7	66	0.16	< 10	< 10	103	< 10	28
20350E 8975W	201 202	2	0.01	84	550	4	2	6	66	0.19	< 10	< 10	107	< 10	30
20350E 9000W	201 202	1	0.01	54	450	2	2	5	57	0.14	< 10	< 10	90	< 10	28
20350E 9025W	201 202	2	0.02	43	870	2	2	5	53	0.15	< 10	< 10	83	< 10	42
20350E 9050W	201 202	1	0.01	46	750	8	2	7	53	0.21	< 10	< 10	99	< 10	44
20350E 9075W	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---
20350E 9100W	201 202	3	0.01	22	1320	2	2	9	81	0.17	< 10	< 10	84	< 10	40
20350E 9125W	201 202	3	0.01	26	700	2	2	11	102	0.20	< 10	< 10	109	< 10	52
20350E 9150W	201 202	3	0.01	26	570	4	2	8	87	0.19	< 10	< 10	97	< 10	44
20350E 9175W	201 202	2	0.01	12	610	2	2	6	69	0.16	< 10	< 10	83	< 10	42
20350E 9200W	201 202	3	0.01	12	630	2	2	7	65	0.18	< 10	< 10	88	< 10	52
20350E 9225W	201 202	1	0.01	12	580	4	2	6	58	0.18	< 10	< 10	89	< 10	46
20350E 9250W	201 202	3	0.01	13	570	2	2	7	76	0.19	< 10	< 10	106	< 10	38
20350E 9275W	201 202	1	0.01	12	740	2	2	6	71	0.19	< 10	< 10	89	< 10	58
20350E 9300W	201 202	1	0.01	14	640	2	2	7	60	0.19	< 10	< 10	100	< 10	42
20350E 9325W	201 202	3	0.02	13	510	4	2	8	80	0.21	< 10	< 10	107	< 10	42
20350E 9350W	201 202	2	0.01	9	470	2	2	6	70	0.18	< 10	< 10	92	< 10	30
20350E 9375W	201 202														



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :5-A  
 Total Pages :7  
 Certificate Date: 17-JUL-98  
 Invoice No. :19623741  
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Project : PLUG  
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## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20450E 9225W	201 202	< 5	< 0.2	1.85	< 2	180	< 0.5	< 2	1.02	< 0.5	11	35	31	3.06	< 10	10	0.21	< 10	0.59	705
20450E 9250W	201 202	< 5	< 0.2	1.97	< 2	180	< 0.5	< 2	1.03	< 0.5	11	36	23	3.21	< 10	< 10	0.20	< 10	0.60	760
20450E 9315W	201 202	< 5	< 0.2	1.60	< 2	150	< 0.5	< 2	0.95	< 0.5	10	32	21	3.02	< 10	< 10	0.19	< 10	0.53	655
20450E 9300W	201 202	< 5	< 0.2	1.70	< 2	160	< 0.5	< 2	1.33	< 0.5	12	35	41	3.21	< 10	30	0.21	< 10	0.71	680
20450E 9325W	201 202	< 5	< 0.2	1.78	< 2	170	< 0.5	< 2	0.76	< 0.5	9	30	19	2.83	< 10	< 10	0.18	< 10	0.53	580
20450E 9350W	201 202	< 5	< 0.2	1.70	< 2	120	< 0.5	< 2	0.61	< 0.5	8	26	16	2.52	< 10	10	0.20	< 10	0.47	385
20450E 9375W	201 202	< 5	< 0.2	1.91	< 2	120	< 0.5	< 2	0.59	< 0.5	7	23	14	2.31	< 10	< 10	0.17	< 10	0.45	600
20450E 9400W	201 202	< 5	< 0.2	1.49	< 2	120	< 0.5	< 2	0.55	< 0.5	7	22	17	2.21	< 10	< 10	0.13	< 10	0.45	470
21150E 7450W	201 202	< 5	< 0.2	1.77	< 2	140	< 0.5	< 2	1.71	< 0.5	14	51	356	3.03	< 10	80	0.08	< 10	0.69	775
21150E 7475W	201 202	< 5	< 0.2	1.54	< 2	90	< 0.5	< 2	0.51	< 0.5	12	39	14	2.69	< 10	30	0.05	< 10	0.51	160
21150E 7500W	201 202	< 5	< 0.2	0.69	< 2	90	< 0.5	< 2	3.70	< 0.5	6	10	287	0.55	< 10	120	0.05	< 10	0.15	565
21150E 7525W	201 202	< 5	< 0.2	3.20	< 2	90	< 0.5	< 2	0.77	< 0.5	17	50	22	4.02	< 10	10	0.06	< 10	1.08	305
21150E 7550W	201 202	< 5	< 0.2	2.62	< 2	90	< 0.5	< 2	0.50	< 0.5	14	42	26	2.94	< 10	30	0.08	< 10	0.69	370
21150E 7575W	201 202	< 5	< 0.2	2.44	< 2	140	< 0.5	< 2	0.41	< 0.5	15	42	31	2.95	< 10	10	0.06	< 10	0.65	450
21150E 7600W	201 202	< 5	< 0.2	3.26	< 2	100	< 0.5	< 2	0.40	< 0.5	14	37	32	3.06	< 10	10	0.07	< 10	0.65	305
21150E 7625W	201 202	< 5	< 0.2	3.08	< 2	110	< 0.5	< 2	0.46	< 0.5	12	26	30	2.71	< 10	30	0.05	< 10	0.50	345
21150E 7650W	201 202	< 5	< 0.2	2.55	< 2	130	< 0.5	< 2	0.50	< 0.5	14	47	27	3.07	< 10	< 10	0.06	< 10	0.67	360
21150E 7675W	201 202	< 5	< 0.2	2.88	< 2	120	< 0.5	< 2	0.40	< 0.5	13	36	22	2.80	< 10	30	0.06	< 10	0.55	720
21150E 7700W	201 202	< 5	< 0.2	2.71	< 2	120	< 0.5	< 2	0.67	< 0.5	17	61	32	3.40	< 10	< 10	0.05	< 10	0.86	515
21150E 7725W	201 202	< 5	< 0.2	3.13	< 2	180	< 0.5	< 2	0.79	< 0.5	18	122	51	3.37	< 10	< 10	0.07	< 10	1.19	530
21150E 7750W	201 202	< 5	< 0.2	2.64	< 2	140	< 0.5	< 2	0.63	< 0.5	16	68	25	3.29	< 10	10	0.08	< 10	0.87	320
21150E 7775W	201 202	< 5	< 0.2	3.11	< 2	140	< 0.5	< 2	0.54	< 0.5	15	57	32	3.39	< 10	< 10	0.07	< 10	0.85	340
21150E 7800W	201 202	< 5	< 0.2	2.69	< 2	140	< 0.5	< 2	0.72	< 0.5	13	43	34	2.85	< 10	< 10	0.11	< 10	0.64	705
21150E 7825W	201 202	< 5	< 0.2	2.39	< 2	130	< 0.5	< 2	0.47	< 0.5	12	44	30	3.05	< 10	30	0.07	< 10	0.63	220
21150E 7850W	201 202	< 5	< 0.2	2.76	< 2	150	< 0.5	< 2	0.68	< 0.5	15	51	34	3.20	< 10	< 10	0.10	< 10	0.73	360
21150E 7875W	201 202	< 5	< 0.2	3.08	< 2	90	< 0.5	< 2	0.95	< 0.5	17	62	33	3.65	< 10	< 10	0.15	< 10	0.79	375
21150E 7900W	201 202	< 5	< 0.2	2.63	< 2	90	< 0.5	< 2	0.89	< 0.5	12	49	23	2.88	< 10	< 10	0.08	< 10	0.63	335
21150E 7925W	201 202	< 5	< 0.2	2.87	< 2	90	< 0.5	< 2	0.83	< 0.5	14	32	154	2.52	< 10	< 10	0.07	< 10	0.47	720
21150E 7950W	201 202	< 5	< 0.2	3.03	< 2	100	< 0.5	< 2	1.23	< 0.5	13	43	106	2.98	< 10	< 10	0.07	< 10	0.59	485
21150E 7975W	201 202	< 5	< 0.2	2.26	< 2	60	< 0.5	< 2	0.63	< 0.5	11	20	34	2.16	< 10	< 10	0.05	< 10	0.30	425
21150E 8000W	201 202	< 5	< 0.2	3.20	< 2	100	< 0.5	< 2	0.36	< 0.5	16	28	261	3.24	< 10	30	0.04	< 10	0.41	400
21150E 8025W	201 202	15	< 0.2	2.33	< 2	100	< 0.5	< 2	0.23	< 0.5	13	36	37	2.67	< 10	10	0.04	< 10	0.50	580
21150E 8050W	201 202	< 5	< 0.2	2.96	< 2	90	< 0.5	< 2	0.63	< 0.5	16	39	133	2.74	< 10	10	0.06	< 10	0.71	480
21150E 8075W	201 202	< 5	< 0.2	2.72	< 2	190	< 0.5	< 2	0.46	< 0.5	15	49	36	3.16	< 10	60	0.06	< 10	0.71	850
21150E 8100W	201 202	< 5	< 0.2	2.45	< 2	140	< 0.5	< 2	0.49	< 0.5	14	46	36	2.79	< 10	< 10	0.08	< 10	0.64	515
21150E 8125W	201 202	< 5	< 0.2	2.70	< 2	130	< 0.5	< 2	0.46	< 0.5	12	45	23	2.86	< 10	10	0.07	< 10	0.61	760
21150E 8150W	201 202	< 5	< 0.2	2.47	< 2	140	< 0.5	< 2	0.55	< 0.5	16	40	41	2.82	< 10	10	0.07	< 10	0.60	860
21150E 8175W	201 202	< 5	< 0.2	2.48	< 2	160	< 0.5	< 2	0.60	< 0.5	13	40	40	2.89	< 10	10	0.08	< 10	0.61	570
21150E 8200W	201 202	< 5	< 0.2	2.54	< 2	170	< 0.5	< 2	0.60	< 0.5	16	33	24	2.96	< 10	20	0.08	< 10	0.50	1330
21150E 8225W	201 202	< 5	< 0.2	2.73	< 2	210	< 0.5	< 2	0.52	< 0.5	17	34	35	2.85	< 10	10	0.09	< 10	0.58	790

CERTIFICATION: Heidi Beckler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :5-B  
 Total Pages :7  
 Certificate Date: 17-JUL-98  
 Invoice No. :19623741  
 P.O. Number :  
 Account :LOY

Project : PLUG  
 Comments : ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20450E 9225W	201 202	3	0.01	14	560	2	< 2	7	84	0.19	< 10	< 10	98	< 10	36
20450E 9250W	201 202	1	0.01	12	430	< 2	< 2	7	89	0.22	< 10	< 10	109	< 10	46
20450E 9300W	201 202	3	0.01	16	990	< 2	< 2	7	77	0.17	< 10	< 10	104	< 10	36
20450E 9325W	201 202	2	0.01	11	410	< 2	< 2	6	51	0.19	< 10	< 10	85	< 10	40
20450E 9350W	201 202	1	0.02	10	460	2	< 2	5	38	0.16	< 10	< 10	75	< 10	42
20450E 9375W	201 202	2	0.01	9	490	< 2	< 2	4	34	0.15	< 10	< 10	69	< 10	42
20450E 9400W	201 202	2	0.01	9	510	< 2	< 2	4	33	0.14	< 10	< 10	66	< 10	58
21150E 7450W	201 202	4	0.03	46	680	2	< 2	10	48	0.17	< 10	< 10	84	< 10	30
21150E 7475W	201 202	1	0.01	17	830	2	< 2	3	28	0.16	< 10	< 10	74	< 10	28
21150E 7500W	201 202	3	0.01	14	800	< 2	< 2	2	61	0.01	< 10	10	17	< 10	6
21150E 7525W	201 202	2	0.02	27	360	2	< 2	7	48	0.31	< 10	< 10	127	< 10	44
21150E 7550W	201 202	3	0.01	25	890	6	< 2	4	34	0.21	< 10	< 10	83	< 10	50
21150E 7575W	201 202	1	0.02	29	980	2	< 2	5	30	0.18	< 10	< 10	75	< 10	42
21150E 7600W	201 202	3	0.03	24	1010	6	< 2	5	24	0.19	< 10	< 10	79	< 10	52
21150E 7625W	201 202	2	0.03	17	830	6	< 2	4	24	0.17	< 10	< 10	71	< 10	46
21150E 7650W	201 202	1	0.03	26	1060	94	< 2	4	35	0.19	< 10	< 10	83	< 10	38
21150E 7675W	201 202	1	0.02	23	1120	2	< 2	4	28	0.19	< 10	< 10	73	< 10	58
21150E 7700W	201 202	1	0.02	33	1250	2	< 2	5	46	0.21	< 10	< 10	99	< 10	48
21150E 7725W	201 202	3	0.03	81	710	4	< 2	6	41	0.19	< 10				



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To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :8-A  
Total Pages :7  
Certificate Date: 17-JUL-96  
Invoice No. :19623741  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21150E 8250N	201 202	< 5	0.2	2.31	< 2	130	< 0.5	< 2	0.82	< 0.5	12	53	41	2.90	< 10	10	0.13	< 10	0.67	550
21150E 8275N	201 202	< 5	< 0.2	2.52	< 2	140	< 0.5	< 2	0.87	< 0.5	19	61	51	3.71	< 10	10	0.11	< 10	1.00	820
21150E 8300N	201 202	< 5	< 0.2	3.37	< 2	170	< 0.5	< 2	1.22	< 0.5	16	35	87	3.12	< 10	10	0.10	< 10	0.56	1150
21150E 8325N	201 202	< 5	< 0.2	2.14	< 2	140	< 0.5	< 2	0.45	< 0.5	13	32	32	2.53	< 10	10	0.12	< 10	0.53	1070
21150E 8350N	201 202	< 5	< 0.2	2.04	< 2	200	< 0.5	< 2	0.63	< 0.5	10	24	23	2.26	< 10	10	0.13	< 10	0.44	1355
21150E 8375N	201 202	< 5	< 0.2	3.00	< 2	180	< 0.5	< 2	0.83	< 0.5	14	32	37	2.94	< 10	10	0.11	< 10	0.60	825
21150E 8400N	201 202	< 5	< 0.2	1.74	< 2	130	< 0.5	< 2	0.60	< 0.5	9	25	25	2.35	< 10	< 10	0.09	< 10	0.42	270
21150E 8425N	201 202	< 5	< 0.2	2.60	< 2	160	< 0.5	< 2	0.82	< 0.5	17	42	55	3.86	< 10	10	0.17	< 10	0.79	560
21150E 8450N	201 202	< 5	< 0.2	1.83	< 2	120	< 0.5	< 2	0.58	< 0.5	10	25	19	2.48	< 10	< 10	0.16	< 10	0.40	695
21150E 8475N	201 202	< 5	< 0.2	2.70	< 2	160	< 0.5	< 2	0.71	< 0.5	15	55	24	3.13	< 10	10	0.11	< 10	0.45	735
21150E 8500N	201 202	< 5	< 0.2	2.44	< 2	110	< 0.5	< 2	0.53	< 0.5	17	17	16	2.37	< 10	10	0.08	< 10	0.36	650
21150E 8525N	201 202	< 5	< 0.2	2.21	< 2	130	< 0.5	< 2	0.62	< 0.5	9	34	17	2.58	< 10	10	0.13	< 10	0.49	375
21150E 8550N	201 202	< 5	< 0.2	2.13	< 2	120	< 0.5	< 2	0.90	< 0.5	13	60	39	3.21	< 10	10	0.14	< 10	0.80	515
21150E 8575N	201 202	< 5	< 0.2	2.00	< 2	140	< 0.5	< 2	0.54	< 0.5	11	41	24	2.46	< 10	10	0.11	< 10	0.48	1825
21150E 8600N	201 202	< 5	< 0.2	2.92	< 2	140	< 0.5	< 2	1.31	< 0.5	15	51	310	3.14	< 10	10	0.12	< 10	0.71	1210
21150E 8625N	201 202	< 5	< 0.2	1.93	< 2	150	< 0.5	< 2	0.60	< 0.5	11	56	31	2.64	< 10	10	0.13	< 10	0.58	1065
21150E 8650N	201 202	< 5	< 0.2	1.91	< 2	130	< 0.5	< 2	0.54	< 0.5	11	57	35	2.57	< 10	10	0.10	< 10	0.62	510
21150E 8675N	201 202	< 5	< 0.2	2.06	< 2	150	< 0.5	< 2	0.63	< 0.5	9	47	17	2.44	< 10	< 10	0.12	< 10	0.50	580
21150E 8700N	201 202	< 5	< 0.2	2.43	< 2	160	< 0.5	< 2	0.49	< 0.5	12	63	26	2.88	< 10	< 10	0.10	< 10	0.48	640
21150E 8725N	201 202	< 5	< 0.2	2.41	< 2	160	< 0.5	< 2	0.56	< 0.5	17	63	40	3.28	< 10	10	0.08	< 10	0.69	625
21150E 8750N	201 202	< 5	< 0.2	2.29	< 2	130	< 0.5	< 2	0.58	< 0.5	12	44	56	2.53	< 10	10	0.07	< 10	0.51	575
21150E 8775N	201 202	< 5	< 0.2	2.41	< 2	130	< 0.5	< 2	0.67	< 0.5	11	45	70	2.62	< 10	10	0.09	< 10	0.57	575
21150E 8800N	201 202	< 5	< 0.2	2.13	< 2	100	< 0.5	< 2	0.62	< 0.5	11	46	47	2.35	< 10	10	0.22	< 10	0.55	580
21150E 8825N	201 202	< 5	< 0.2	1.90	< 2	80	< 0.5	< 2	2.99	< 0.5	12	52	456	2.47	< 10	10	0.10	< 10	0.70	435
21150E 8850N	201 202	< 5	< 0.2	0.37	< 2	50	< 0.5	< 2	5.48	< 0.5	3	8	729	0.39	< 10	100	0.05	< 10	0.24	600
21150E 8875N	201 202	< 5	< 0.2	2.38	< 2	60	< 0.5	< 2	0.52	< 0.5	12	39	87	2.65	< 10	10	0.06	< 10	0.45	425
21150E 8900N	201 202	< 5	< 0.2	1.86	< 2	90	< 0.5	< 2	0.55	< 0.5	9	61	17	2.58	< 10	< 10	0.10	< 10	0.47	300
21150E 8925N	201 202	< 5	< 0.2	1.96	< 2	120	< 0.5	< 2	1.38	< 0.5	9	34	43	2.37	< 10	10	0.08	< 10	0.47	360
21150E 8950N	201 202	< 5	< 0.2	0.15	< 2	70	< 0.5	< 2	5.39	< 0.5	1	3	33	0.17	< 10	100	0.05	< 10	0.15	200
21150E 8975N	201 202	< 5	< 0.2	1.37	< 2	60	< 0.5	< 2	0.58	< 0.5	7	31	11	2.06	< 10	10	0.09	< 10	0.40	320
21150E 9000N	201 202	< 5	< 0.2	1.54	< 2	70	< 0.5	< 2	0.59	< 0.5	7	34	11	2.08	< 10	< 10	0.09	< 10	0.43	305
21150E 9025N	201 202	< 5	< 0.2	1.76	< 2	70	< 0.5	< 2	0.77	< 0.5	14	65	24	3.27	< 10	10	0.15	< 10	0.96	385
21150E 9050N	201 202	< 5	< 0.2	1.43	< 2	110	< 0.5	< 2	0.48	< 0.5	6	30	9	1.86	< 10	< 10	0.13	< 10	0.41	235
21150E 9075N	201 202	< 5	< 0.2	1.53	< 2	110	< 0.5	< 2	0.58	< 0.5	9	39	16	2.28	< 10	10	0.13	< 10	0.55	480
21150E 9100N	201 202	< 5	< 0.2	1.28	< 2	90	< 0.5	< 2	0.41	< 0.5	8	37	10	2.02	< 10	10	0.09	< 10	0.43	530
21150E 9125N	201 202	< 5	< 0.2	1.93	< 2	200	< 0.5	< 2	0.53	< 0.5	8	29	11	2.17	< 10	10	0.14	< 10	0.42	555
21150E 9150N	201 202	< 5	< 0.2	1.88	< 2	150	< 0.5	< 2	0.47	< 0.5	9	42	15	2.74	< 10	< 10	0.11	< 10	0.48	190
21150E 9175N	201 202	< 5	< 0.2	1.63	< 2	100	< 0.5	< 2	0.54	< 0.5	8	36	13	2.30	< 10	10	0.11	< 10	0.49	480
21150E 9200N	201 202	< 5	< 0.2	1.79	< 2	120	< 0.5	< 2	0.60	< 0.5	9	44	15	2.53	< 10	< 10	0.13	< 10	0.56	510
21150E 9225N	201 202	< 5	< 0.2	1.74	< 2	130	< 0.5	< 2	0.62	< 0.5	9	39	18	2.48	< 10	10	0.14	< 10	0.52	985

CERTIFICATION: *Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :8-B  
Total Pages :7  
Certificate Date: 17-JUL-96  
Invoice No. :19623741  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21150E 8250N	201 202	2	0.01	27	710	6	< 2	5	50	0.17	< 10	< 10	84	< 10	46
21150E 8275N	201 202	< 1	0.01	32	1150	4	< 2	8	55	0.19	< 10	< 10	110	< 10	62
21150E 8300N	201 202	3	0.02	25	520	2	< 2	6	44	0.17	< 10	< 10	74	< 10	72
21150E 8325N	201 202	2	0.01	18	980	2	< 2	4	32	0.13	< 10	< 10	62	< 10	74
21150E 8350N	201 202	1	0.01	14	1120	2	< 2	4	32	0.11	< 10	< 10	58	< 10	60
21150E 8375N	201 202	2	0.02	21	760	6	< 2	5	34	0.14	< 10	< 10	72	< 10	62
21150E 8400N	201 202	1	0.02	11	530	2	< 2	3	36	0.14	< 10	< 10	72	< 10	30
21150E 8425N	201 202	2	0.01	23	630	2	< 2	7	52	0.17	< 10	< 10	113	< 10	44
21150E 8450N	201 202	1	0.01	11	530	< 2	< 2	4	42	0.15	< 10	< 10	74	< 10	38
21150E 8475N	201 202	2	0.02	24	1410	6	< 2	5	47	0.17	< 10	< 10	87	< 10	52
21150E 8500N	201 202	2	0.05	13	1120	2	< 2	3	26	0.15	< 10	< 10	64	< 10	72
21150E 8525N	201 202	1	0.02	17	660	4	< 2	3	19	0.16	< 10	< 10	69	< 10	38
21150E 8550N	201 202	3	0.01	26	610	4	< 2	7	60	0.19	< 10	< 10	100	< 10	40
21150E 8575N	201 202	1	0.03	21	590	6	< 2	4	36	0.16	< 10	< 10	70	< 10	42
21150E 8600N	201 202	3	0.03	41	420	6	< 2	7	54	0.18	< 10	< 10	83	< 10	64
21150E 8625N	201 202	1	0.02	23	690	8	< 2	4	46	0.16	< 10	< 10	77	< 10	56
21150E 8650N	201 202	1	0.01	25	880	6	< 2	4	36	0.14	< 10	< 10	70	< 10	48
21150E 8675N	201 202	1	0.03	21	1080	6	< 2	4	19	0.13	< 10	< 10	67	< 10	54
21150E 8700N	201 202	2	0.03	30	1590	6	< 2	5	40	0.14	< 10	< 10	79	< 10	62
21150E 8725N	201 202	1	0.02	29	1270	6	< 2	5							



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :7-A  
 Total Pages :7  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623741  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21150E 9250W	201 202	< 5	< 0.2	2.01	< 2	160	< 0.5	< 2	0.86	< 0.5	8	34	21	2.42	< 10	20	0.16	< 10	0.53	475
21150E 9275W	201 202	< 5	< 0.2	2.07	< 2	140	< 0.5	< 2	0.72	< 0.5	11	56	20	2.46	< 10	10	0.17	< 10	0.70	510
21150E 9300W	201 202	< 5	< 0.2	1.85	< 2	130	< 0.5	< 2	0.70	< 0.5	10	44	23	2.52	< 10	10	0.12	< 10	0.61	320
21150E 9325W	201 202	< 5	< 0.2	2.39	< 2	200	< 0.5	< 2	1.37	< 0.5	11	40	69	2.86	< 10	50	0.14	< 10	0.74	715
21150E 9350W	201 202	< 5	< 0.2	1.37	< 2	200	< 0.5	< 2	3.26	< 0.5	7	27	143	1.63	< 10	50	0.10	< 10	0.63	550

CERTIFICATION: Hart Buchler



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :7-B  
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 Certificate Date: 17-JUL-96  
 Invoice No. :19623741  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623741

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21150E 9250W	201 202	2	0.02	17	510	4	< 2	4	57	0.14	< 10	< 10	73	< 10	34
21150E 9275W	201 202	1	0.02	11	450	4	< 2	5	51	0.15	< 10	< 10	74	< 10	32
21150E 9300W	201 202	2	0.01	25	570	4	< 2	5	45	0.14	< 10	< 10	71	< 10	34
21150E 9325W	201 202	3	0.01	24	490	4	< 2	7	70	0.15	< 10	< 10	78	< 10	34
21150E 9350W	201 202	2	0.01	20	1090	< 2	< 2	4	102	0.09	< 10	< 10	54	< 10	24

CERTIFICATION: Hart Buchler



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-A  
 Total Pages :6  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623742  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21250E 7450W	201 202	< 5	< 0.2	2.92	< 2	100	< 0.5	< 2	0.40	< 0.5	16	53	29	3.36	< 10	40	0.07	< 10	0.90	760
21250E 7475W	201 202	< 5	< 0.2	3.92	< 2	150	< 0.5	< 2	0.52	< 0.5	13	48	27	3.09	< 10	10	0.07	< 10	0.82	215
21250E 7500W	201 202	< 5	< 0.2	3.12	< 2	90	< 0.5	< 2	0.53	< 0.5	16	56	43	3.62	< 10	30	0.09	< 10	1.01	375
21250E 7525W	201 202	< 5	< 0.2	3.09	< 2	80	< 0.5	< 2	0.36	< 0.5	12	40	36	3.03	< 10	50	0.04	< 10	0.63	290
21250E 7550W	201 202	< 5	< 0.2	2.93	< 2	100	< 0.5	< 2	0.47	< 0.5	13	50	29	3.07	< 10	40	0.05	< 10	0.73	400
21250E 7575W	201 202	< 5	< 0.2	2.03	< 2	70	< 0.5	< 2	0.44	< 0.5	11	49	17	2.96	< 10	10	0.04	< 10	0.67	200
21250E 7600W	201 202	< 5	< 0.2	3.14	< 2	140	< 0.5	< 2	0.54	< 0.5	15	59	29	3.43	< 10	20	0.06	< 10	0.86	1105
21250E 7625W	201 202	< 5	< 0.2	2.96	< 2	120	< 0.5	< 2	0.39	< 0.5	15	55	40	2.95	< 10	20	0.06	< 10	0.80	210
21250E 7650W	201 202	< 5	< 0.2	3.61	< 2	110	< 0.5	< 2	0.29	< 0.5	14	33	43	3.16	< 10	60	0.06	< 10	0.57	370
21250E 7675W	201 202	< 5	< 0.2	3.48	< 2	100	< 0.5	< 2	0.30	< 0.5	9	26	18	2.83	< 10	60	0.08	< 10	0.42	365
21250E 7700W	201 202	< 5	< 0.2	3.89	< 2	140	< 0.5	< 2	0.44	< 0.5	18	73	48	3.48	< 10	20	0.15	< 10	1.01	415
21250E 7725W	201 202	< 5	< 0.2	3.17	< 2	180	< 0.5	< 2	0.55	< 0.5	15	72	39	3.46	< 10	< 10	0.09	< 10	1.14	310
21250E 7750W	201 202	< 5	< 0.2	2.32	< 2	140	< 0.5	< 2	0.55	< 0.5	12	61	24	2.72	< 10	10	0.09	< 10	0.76	295
21250E 7775W	201 202	< 5	< 0.2	2.37	< 2	140	< 0.5	< 2	0.47	< 0.5	12	40	21	2.83	< 10	10	0.08	< 10	0.65	290
21250E 7800W	201 202	< 5	< 0.2	2.10	< 2	100	< 0.5	< 2	0.46	< 0.5	11	43	18	2.81	< 10	10	0.07	< 10	0.67	335
21250E 7825W	201 202	< 5	< 0.2	2.49	< 2	120	< 0.5	< 2	0.44	< 0.5	12	46	31	3.05	< 10	70	0.07	< 10	0.73	400
21250E 7850W	201 202	< 5	< 0.2	2.97	< 2	170	< 0.5	< 2	0.56	< 0.5	16	54	38	3.30	< 10	10	0.07	< 10	0.80	770
21250E 7875W	201 202	< 5	< 0.2	2.74	< 2	110	< 0.5	< 2	0.54	< 0.5	14	56	38	3.11	< 10	10	0.06	< 10	0.73	315
21250E 7900W	201 202	< 5	< 0.2	4.29	< 2	210	< 0.5	< 2	0.70	< 0.5	16	54	111	3.63	< 10	30	0.19	< 10	0.69	705
21250E 7925W	201 202	< 5	< 0.2	2.68	< 2	110	< 0.5	< 2	0.39	< 0.5	14	37	28	3.09	< 10	20	0.06	< 10	0.54	590
21250E 7950W	201 202	< 5	< 0.2	2.65	< 2	170	< 0.5	< 2	0.40	< 0.5	16	46	35	3.08	< 10	20	0.07	< 10	0.66	490
21250E 7975W	201 202	< 5	< 0.2	3.49	< 2	150	< 0.5	< 2	0.80	< 0.5	15	45	96	3.02	< 10	10	0.08	< 10	0.61	670
21250E 8000W	201 202	< 5	< 0.2	3.17	< 2	80	< 0.5	< 2	0.93	< 0.5	17	60	278	3.34	< 10	10	0.08	< 10	0.73	470
21250E 8025W	201 202	< 5	< 0.2	2.31	< 2	80	< 0.5	< 2	0.82	< 0.5	13	54	94	3.06	< 10	20	0.09	< 10	0.67	325
21250E 8050W	201 202	< 5	< 0.2	2.88	< 2	130	< 0.5	< 2	1.55	< 0.5	15	48	576	3.17	< 10	80	0.10	< 10	0.61	1065
21250E 8075W	201 202	< 5	< 0.2	2.43	< 2	100	< 0.5	< 2	0.57	< 0.5	11	36	30	3.20	< 10	20	0.09	< 10	0.67	240
21250E 8100W	201 202	< 5	< 0.2	3.07	< 2	120	< 0.5	< 2	0.46	< 0.5	16	33	29	3.11	< 10	40	0.07	< 10	0.58	1130
21250E 8125W	201 202	< 5	< 0.2	2.35	< 2	130	< 0.5	< 2	1.14	< 0.5	15	43	382	3.17	< 10	30	0.08	< 10	0.60	1210
21250E 8150W	201 202	< 5	< 0.2	1.79	< 2	90	< 0.5	< 2	0.62	< 0.5	9	30	23	2.98	< 10	40	0.09	< 10	0.49	200
21250E 8175W	201 202	< 5	< 0.2	1.94	< 2	170	< 0.5	< 2	0.46	< 0.5	9	27	22	2.54	< 10	30	0.07	< 10	0.42	360
21250E 8200W	201 202	< 5	< 0.2	2.27	< 2	140	< 0.5	< 2	0.51	< 0.5	17	26	45	2.59	< 10	20	0.07	< 10	0.41	1055
21250E 8225W	201 202	< 5	< 0.2	2.24	< 2	170	< 0.5	< 2	0.54	< 0.5	12	40	35	2.94	< 10	30	0.08	< 10	0.63	445
21250E 8250W	201 202	< 5	< 0.2	2.40	< 2	160	< 0.5	< 2	0.80	< 0.5	14	40	67	2.60	< 10	40	0.10	< 10	0.57	1120
21250E 8275W	201 202	< 5	< 0.2	2.57	< 2	120	< 0.5	< 2	0.67	< 0.5	12	46	72	3.04	< 10	10	0.09	< 10	0.66	435
21250E 8300W	201 202	< 5	< 0.2	2.50	< 2	110	< 0.5	< 2	0.95	< 0.5	12	33	60	3.10	< 10	20	0.09	< 10	0.54	245
21250E 8325W	201 202	< 5	< 0.2	2.77	< 2	170	< 0.5	< 2	0.59	< 0.5	13	30	58	2.87	< 10	20	0.09	< 10	0.55	840
21250E 8350W	201 202	< 5	< 0.2	2.61	< 2	120	< 0.5	< 2	0.58	< 0.5	13	37	30	3.12	< 10	10	0.12	< 10	0.67	465
21250E 8375W	201 202	< 5	< 0.2	2.07	< 2	160	< 0.5	< 2	0.66	< 0.5	11	37	21	2.76	< 10	10	0.12	< 10	0.61	545
21250E 8400W	201 202	< 5	< 0.2	2.44	< 2	110	< 0.5	< 2	0.74	< 0.5	21	43	84	2.99	< 10	10	0.08	< 10	0.53	425
21250E 8425W	201 202	< 5	< 0.2	1.97	< 2	70	< 0.5	< 2	1.50	< 0.5	10	29	54	2.37	< 10	30	0.06	< 10	0.46	185

CERTIFICATION: *Hart Buehler*



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 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-B  
 Total Pages :6  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623742  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21250E 7450W	201 202	< 1	0.01	33	940	4	< 2	5	37	0.18	< 10	< 10	95	< 10	46
21250E 7475W	201 202	< 1	0.01	10	1350	2	< 2	4	33	0.15	< 10	< 10	75	< 10	34
21250E 7500W	201 202	< 1	0.01	33	1250	2	< 2	5	39	0.20	< 10	< 10	102	< 10	44
21250E 7525W	201 202	< 1	0.02	26	1330	2	< 2	4	28	0.19	< 10	< 10	83	< 10	48
21250E 7550W	201 202	< 1	0.03	28	1230	4	< 2	4	35	0.19	< 10	< 10	84	< 10	42
21250E 7575W	201 202	< 1	0.01	21	550	2	< 2	5	46	0.22	< 10	< 10	94	< 10	34
21250E 7600W	201 202	< 1	0.01	16	940	2	< 2	5	40	0.22	< 10	< 10	99	< 10	62
21250E 7625W	201 202	< 1	0.03	32	1090	4	< 2	4	39	0.18	< 10	< 10	79	< 10	50
21250E 7650W	201 202	< 1	0.03	24	1480	6	< 2	5	23	0.17	< 10	< 10	87	< 10	56
21250E 7675W	201 202	< 1	0.03	19	1810	6	< 2	3	23	0.14	< 10	< 10	67	< 10	72
21250E 7700W	201 202	< 1	0.02	52	1010	4	< 2	5	36	0.19	< 10	< 10	83	< 10	64
21250E 7725W	201 202	< 1	0.03	43	970	4	< 2	4	38	0.22	< 10	< 10	95	< 10	56
21250E 7750W	201 202	< 1	0.02	34	520	2	< 2	4	36	0.16	< 10	< 10	75	< 10	28
21250E 7775W	201 202	< 1	0.02	21	980	4	< 2	4	35	0.15	< 10	< 10	76	< 10	34
21250E 7800W	201 202	< 1	0.02	21	940	2	< 2	4	35	0.15	< 10	< 10	81	< 10	32
21250E 7825W	201 202	< 1	0.01	25	1710	6	< 2	4	33	0.13	< 10	< 10	84	< 10	46
21250E 7850W	201 202	< 1	0.01	32	1700	4	< 2	6	41	0.15	< 10	< 10	91	< 10	54
21250E 7875W	201 202	< 1	0.01	27	1220	2	< 2	5	40	0.14	< 10	< 10	95	< 10	38
21250E 7900W	201 202	< 1	0.03	47	370	8	< 2	9	40	0.18	<				



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :2-A  
Total Pages :8  
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Invoice No. :19623742  
P.O. Number :  
Account :LOY

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21250E 8450M	201 202	< 5 < 0.2	2.03	< 2	140 < 0.5	< 2	0.48 < 0.5	12	38	74	2.42 < 10	20	0.09 < 10	0.50	570					
21250E 8475M	201 202	< 5 < 0.2	2.11	< 2	210 < 0.5	< 2	0.45 < 0.5	12	40	34	2.41 < 10	20	0.07 < 10	0.49	960					
21250E 8500M	201 202	< 5 < 0.2	1.99	< 2	160 < 0.5	< 2	0.66 < 0.5	12	65	68	2.77 < 10	20	0.13 < 10	0.71	725					
21250E 8525M	201 202	< 5 < 0.2	2.99	< 2	190 < 0.5	< 2	0.49 < 0.5	15	56	35	1.13 < 10	20	0.10 < 10	0.68	660					
21250E 8550M	201 202	< 5 < 0.2	2.75	< 2	130 < 0.5	< 2	0.66 < 0.5	14	53	126	3.07 < 10	10	0.11 < 10	0.58	755					
21250E 8575M	201 202	< 5 < 0.2	2.66	< 2	170 < 0.5	< 2	0.85 < 0.5	11	60	186	2.85 < 10	20	0.11 < 10	0.66	870					
21250E 8600M	201 202	< 5 < 0.2	2.49	< 2	220 < 0.5	< 2	0.59 < 0.5	12	61	25	2.87 < 10	40	0.11 < 10	0.63	795					
21250E 8625M	201 202	< 5 < 0.2	2.33	< 2	160 < 0.5	< 2	0.61 < 0.5	12	73	27	2.94 < 10	10	0.14 < 10	0.70	695					
21250E 8650M	201 202	< 5 < 0.2	2.18	< 2	130 < 0.5	< 2	0.50 < 0.5	11	35	24	2.81 < 10	20	0.11 < 10	0.59	510					
21250E 8675M	201 202	< 5 < 0.2	2.61	< 2	180 < 0.5	< 2	0.48 < 0.5	12	52	25	2.99 < 10	20	0.08 < 10	0.54	895					
21250E 8700M	201 202	< 5 < 0.2	2.17	< 2	200 < 0.5	< 2	0.57 < 0.5	12	53	23	2.85 < 10	10	0.09 < 10	0.50	720					
21250E 8725M	201 202	< 5 < 0.2	2.74	< 2	170 < 0.5	< 2	0.68 < 0.5	13	56	81	2.99 < 10	10	0.09 < 10	0.64	635					
21250E 8750M	201 202	< 5 < 0.2	3.50	< 2	140 < 0.5	< 2	0.45 < 0.5	15	67	42	3.32 < 10	30	0.12 < 10	0.74	410					
21250E 8775M	201 202	< 5 < 0.2	3.15	< 2	200 < 0.5	< 2	0.56 < 0.5	19	58	40	3.39 < 10	30	0.09 < 10	0.67	630					
21250E 8800M	201 202	< 5 < 0.2	2.40	< 2	150 < 0.5	< 2	0.63 < 0.5	15	39	32	2.88 < 10	10	0.09 < 10	0.58	755					
21250E 8825M	201 202	< 5 < 0.2	3.12	< 2	140 < 0.5	< 2	1.17 < 0.5	13	47	275	3.09 < 10	30	0.12 < 10	0.50	1245					
21250E 8850M	201 202	< 5 < 0.2	2.76	< 2	110 < 0.5	< 2	1.05 < 0.5	11	47	189	2.85 < 10	10	0.06 < 10	0.54	855					
21250E 8875M	201 202	< 5 < 0.2	2.64	< 2	120 < 0.5	< 2	1.16 < 0.5	10	50	191	3.09 < 10	20	0.04 < 10	0.62	525					
21250E 8900M	201 202	< 5 < 0.2	2.33	< 2	120 < 0.5	< 2	1.52 < 0.5	11	32	222	2.59 < 10	40	0.07 < 10	0.54	540					
21250E 8925M	201 202	< 5 < 0.2	1.94	< 2	120 < 0.5	< 2	0.99 < 0.5	7	35	40	2.36 < 10	10	0.10 < 10	0.43	160					
21250E 8950M	201 202	< 5 < 0.2	2.13	< 2	80 < 0.5	< 2	0.95 < 0.5	7	36	21	2.56 < 10	30	0.08 < 10	0.41	190					
21250E 8975M	201 202	< 5 < 0.2	2.47	< 2	120 < 0.5	< 2	0.93 < 0.5	9	43	24	2.94 < 10	10	0.15 < 10	0.51	290					
21250E 9000M	201 202	< 5 < 0.2	1.95	< 2	60 < 0.5	< 2	0.91 < 0.5	11	61	20	3.16 < 10	10	0.11 < 10	0.70	390					
21250E 9025M	201 202	< 5 < 0.2	2.13	< 2	120 < 0.5	< 2	0.97 < 0.5	11	43	28	3.16 < 10	10	0.16 < 10	0.57	625					
21250E 9050M	201 202	< 5 < 0.2	2.08	< 2	80 < 0.5	< 2	0.73 < 0.5	11	70	18	3.07 < 10	10	0.18 < 10	0.70	275					
21250E 9075M	201 202	< 5 < 0.2	2.19	< 2	180 < 0.5	< 2	0.60 < 0.5	11	60	24	2.85 < 10	30	0.13 < 10	0.62	510					
21250E 9100M	201 202	< 5 < 0.2	1.90	< 2	150 < 0.5	< 2	0.46 < 0.5	11	41	21	2.67 < 10	20	0.09 < 10	0.50	505					
21250E 9125M	201 202	< 5 < 0.2	1.86	< 2	80 < 0.5	< 2	0.64 < 0.5	10	49	19	2.93 < 10	10	0.16 < 10	0.58	345					
21250E 9150M	201 202	< 5 < 0.2	2.25	< 2	150 < 0.5	< 2	0.70 < 0.5	9	47	28	2.77 < 10	30	0.12 < 10	0.50	405					
21250E 9175M	201 202	< 5 < 0.2	2.06	< 2	110 < 0.5	< 2	0.60 < 0.5	8	37	29	2.64 < 10	30	0.12 < 10	0.47	350					
21250E 9200M	201 202	< 5 < 0.2	1.87	< 2	160 < 0.5	< 2	0.62 < 0.5	10	50	25	2.75 < 10	40	0.12 < 10	0.62	320					
21250E 9225M	201 202	< 5 < 0.2	1.73	< 2	90 < 0.5	< 2	0.50 < 0.5	10	54	20	2.63 < 10	10	0.14 < 10	0.58	415					
21250E 9250M	201 202	< 5 < 0.2	1.75	< 2	120 < 0.5	< 2	1.52 < 0.5	13	69	266	3.19 < 10	80	0.13 < 10	0.93	525					
21250E 9275M	201 202	< 5 < 0.2	1.95	< 2	110 < 0.5	< 2	0.79 < 0.5	11	51	26	2.77 < 10	10	0.18 < 10	0.71	330					
21250E 9300M	201 202	< 5 < 0.2	2.12	< 2	140 < 0.5	< 2	1.40 < 0.5	15	61	468	3.20 < 10	70	0.16 < 10	0.92	625					
21250E 9325M	201 202	< 5 < 0.2	2.06	< 2	170 < 0.5	< 2	1.59 < 0.5	15	68	102	3.12 < 10	50	0.13 < 10	1.01	585					
21250E 9350M	201 202	< 5 < 0.2	2.08	< 2	130 < 0.5	< 2	1.78 < 0.5	12	52	203	2.81 < 10	50	0.15 < 10	0.86	490					
21250E 9450M	201 202	< 5 < 0.2	3.90	< 2	140 < 0.5	< 2	1.00 < 0.5	16	67	81	3.72 < 10	10	0.10 < 10	0.86	530					
21250E 9475M	201 202	< 5 < 0.2	2.52	< 2	70 < 0.5	< 2	0.63 < 0.5	12	47	36	2.92 < 10	30	0.07 < 10	0.64	200					
21250E 9500M	201 202	< 5 < 0.2	2.91	< 2	110 < 0.5	< 2	0.48 < 0.5	13	41	38	3.05 < 10	30	0.07 < 10	0.51	245					

CERTIFICATION: [Signature]



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :2-B  
Total Pages :6  
Certificate Date: 17-JUL-96  
Invoice No. :19623742  
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Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Nm %	Ri ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21250E 8450M	201 202	< 1 0.01	22	800	2 < 2	4	27	0.12 < 10	< 10	58	< 10	40			
21250E 8475M	201 202	< 1 0.01	22	1460	2 < 2	4	32	0.11 < 10	< 10	59	< 10	56			
21250E 8500M	201 202	< 1 < 0.01	29	670	6 < 2	6	36	0.14 < 10	< 10	73	< 10	46			
21250E 8525M	201 202	< 1 0.01	27	1880	2 < 2	5	32	0.14 < 10	< 10	76	< 10	70			
21250E 8550M	201 202	< 1 0.02	29	330	2 < 2	5	40	0.17 < 10	< 10	77	< 10	44			
21250E 8575M	201 202	< 1 0.01	32	910	2 < 2	6	47	0.16 < 10	< 10	75	< 10	58			
21250E 8600M	201 202	< 1 0.01	26	1550	< 2 < 2	5	42	0.14 < 10	< 10	73	< 10	54			
21250E 8625M	201 202	< 1 0.01	29	850	6 < 2	5	41	0.15 < 10	< 10	78	< 10	56			
21250E 8650M	201 202	< 1 0.01	23	930	6 < 2	4	33	0.14 < 10	< 10	74	< 10	60			
21250E 8675M	201 202	< 1 0.01	22	1600	4 < 2	5	35	0.14 < 10	< 10	81	< 10	72			
21250E 8700M	201 202	< 1 0.01	19	1690	2 < 2	5	40	0.13 < 10	< 10	74	< 10	56			
21250E 8725M	201 202	< 1 0.02	26	1110	6 < 2	5	43	0.16 < 10	< 10	80	< 10	54			
21250E 8750M	201 202	< 1 0.01	32	1060	2 < 2	5	36	0.19 < 10	< 10	86	< 10	78			
21250E 8775M	201 202	< 1 0.01	28	1450	2 < 2	5	40	0.18 < 10	< 10	86	< 10	74			
21250E 8800M	201 202	< 1 0.01	19	530	< 2 < 2	5	42	0.18 < 10	< 10	82	< 10	46			
21250E 8825M	201 202	< 1 0.01	30	420	2 < 2	7	51	0.17 < 10	< 10	71	< 10	42			
21250E 8850M	201 202	< 1 0.01	30	180	2 < 2	7	48	0.17 < 10	< 10	72	< 10	32			
21250E 8875M	201 202	< 1 0.03	29	270	2 < 2	7	49	0.17 < 10	< 10	78	< 10	34			
21250E 8900M	201 202	< 1 0.03	27	740	< 2 < 2	6	54	0.13 < 10	< 10	61	< 10	32			
21250E 8925M	201 202	< 1 0.04	17	160	< 2 < 2	5	42	0.13 < 10	< 10	57	< 10	20			
21250E 8950M	201 202	< 1 0.03	14	130	2 < 2	5	56	0.18 < 10	< 10	77	< 10	22			
21250E 8975M	201 202	< 1 0.03	19	220	< 2 < 2	6	58	0.19 < 10	< 10	80	< 10	28			
21250E 9000M	201 202	< 1 0.01	21	330	< 2 < 2	7	67	0.22 < 10	< 10	100	< 10	30			
21250E 9025M	201 202	< 1 0.01	19	340	< 2 < 2	7	63	0.20 < 10	< 10	96	< 10	34			
21250E 9050M	201 202	< 1 < 0.01	29	330	2 < 2	6	53	0.20 < 10	< 10	90	< 10	30			
21250E 9075M	201 202	< 1 0.02	31	1930	2 < 2	6	45	0.14 < 10	< 10	75	< 10	40			
21250E 9100M	201 202	< 1 0.03	21	1770	< 2 < 2	4	31	0							



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

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 Invoice No. : 19623742  
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 Account : LOY

Project : PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21350E 7525N	201 202	< 5 < 0.2	2.24	< 2	90 < 0.5	< 2	0.55 < 0.5	11	49	27	2.57	10	30	0.06 < 10	0.77	145				
21350E 7550N	201 202	< 5 < 0.2	1.85	< 2	80 < 0.5	< 2	0.78 < 0.5	10	34	68	2.25	< 10	50	0.05 < 10	0.51	210				
21350E 7575N	201 202	< 5 < 0.2	3.26	< 2	110 < 0.5	< 2	1.23 < 0.5	14	51	59	3.28	10	40	0.09 < 10	0.68	400				
21350E 7600N	201 202	< 5 < 0.2	3.62	< 2	190 < 0.5	< 2	1.20 < 0.5	16	63	89	3.85	10	10	0.11 < 10	0.97	265				
21350E 7625N	201 202	< 5 < 0.2	3.82	< 2	170 < 0.5	< 2	1.40 < 0.5	12	44	109	2.87	10	40	0.09 < 10	0.60	365				
21350E 7650N	201 202	< 5 < 0.2	2.92	< 2	110 < 0.5	< 2	0.99 < 0.5	15	78	69	3.02	10	30	0.13 < 10	1.05	310				
21350E 7675N	201 202	< 5 < 0.2	2.66	< 2	140 < 0.5	< 2	0.33 < 0.5	13	44	20	2.76	10	120	0.06 < 10	0.67	480				
21350E 7700N	201 202	< 5 < 0.2	2.78	< 2	110 < 0.5	< 2	0.39 < 0.5	15	64	64	2.22	10	110	0.05 < 10	0.88	595				
21350E 7725N	201 202	< 5 < 0.2	2.65	< 2	140 < 0.5	< 2	0.65 < 0.5	15	57	39	3.39	10	100	0.08 < 10	0.80	535				
21350E 7750N	201 202	< 5 < 0.2	2.66	< 2	100 < 0.5	< 2	0.81 < 0.5	19	80	70	3.93	10	80	0.08 < 10	1.16	445				
21350E 7775N	201 202	< 5 < 0.2	2.80	< 2	120 < 0.5	< 2	1.04 < 0.5	14	63	64	3.17	10	80	0.08 < 10	0.84	420				
21350E 7800N	201 202	< 5 < 0.2	3.01	< 2	110 < 0.5	< 2	0.49 < 0.5	17	80	64	3.39	10	40	0.08 < 10	1.17	240				
21350E 7825N	201 202	< 5 < 0.2	1.83	< 2	80 < 0.5	< 2	0.44 < 0.5	7	25	12	2.07	< 10	30	0.04 < 10	0.39	375				
21350E 7850N	201 202	< 5 < 0.2	2.51	< 2	80 < 0.5	< 2	0.74 < 0.5	14	74	48	3.29	10	50	0.07 < 10	0.79	225				
21350E 7875N	201 202	< 5 < 0.2	2.75	< 2	120 < 0.5	< 2	0.51 < 0.5	19	57	62	3.39	10	50	0.07 < 10	0.76	435				
21350E 7900N	201 202	< 5 < 0.2	2.86	< 2	100 < 0.5	< 2	0.61 < 0.5	16	58	207	3.08	10	50	0.06 < 10	0.70	525				
21350E 7925N	201 202	< 5 < 0.2	2.67	< 2	120 < 0.5	< 2	0.91 < 0.5	22	74	321	3.23	10	40	0.06 < 10	0.90	760				
21350E 7950N	201 202	< 5 < 0.2	2.71	< 2	90 < 0.5	< 2	0.81 < 0.5	26	59	431	3.22	10	10	0.07 < 10	0.79	590				
21350E 7975N	201 202	< 5 < 0.2	2.41	< 2	120 < 0.5	< 2	1.45 < 0.5	20	53	516	2.71	< 10	80	0.07 < 10	0.66	930				
21350E 8000N	201 202	< 5 < 0.2	1.41	< 2	80 < 0.5	< 2	2.55 < 0.5	7	35	421	1.45	< 10	80	0.04 < 10	0.41	150				
21350E 8025N	201 202	< 5 < 0.2	2.03	< 2	110 < 0.5	< 2	2.05 < 0.5	12	74	270	2.64	10	70	0.10 < 10	0.86	310				
21350E 8050N	201 202	< 5 < 0.2	1.50	< 2	170 < 0.5	< 2	0.51 < 0.5	11	68	12	2.38	< 10	10	0.10 < 10	0.55	335				
21350E 8075N	201 202	< 5 < 0.2	1.83	< 2	150 < 0.5	< 2	0.33 < 0.5	14	69	14	2.64	< 10	30	0.06 < 10	0.66	335				
21350E 8100N	201 202	< 5 < 0.2	2.16	< 2	120 < 0.5	< 2	0.75 < 0.5	14	88	27	3.22	10	10	0.10 < 10	1.05	340				
21350E 8125N	201 202	< 5 < 0.2	2.08	< 2	140 < 0.5	< 2	0.45 < 0.5	13	62	21	2.68	10	30	0.08 < 10	0.61	460				
21350E 8150N	201 202	< 5 < 0.2	1.71	< 2	180 < 0.5	< 2	0.47 < 0.5	12	62	18	2.47	< 10	30	0.07 < 10	0.49	620				
21350E 8175N	201 202	< 5 < 0.2	2.37	< 2	120 < 0.5	< 2	0.40 < 0.5	14	59	25	2.63	< 10	60	0.07 < 10	0.59	365				
21350E 8200N	201 202	< 5 < 0.2	2.36	< 2	150 < 0.5	< 2	0.33 < 0.5	14	69	14	2.64	< 10	30	0.06 < 10	0.66	495				
21350E 8225N	201 202	< 5 < 0.4	4.59	< 2	220 < 0.5	< 2	1.16 < 0.5	23	88	582	4.45	10	80	0.21 < 10	1.25	880				
21350E 8250N	201 202	< 5 < 0.2	2.58	< 2	110 < 0.5	< 2	0.67 < 0.5	13	43	76	2.70	10	10	0.09 < 10	0.65	685				
21350E 8275N	201 202	< 5 < 0.2	2.58	< 2	110 < 0.5	< 2	0.60 < 0.5	14	55	59	3.00	10	20	0.09 < 10	0.72	520				
21350E 8300N	201 202	< 5 < 0.2	2.74	< 2	150 < 0.5	< 2	0.55 < 0.5	16	53	62	3.27	10	40	0.08 < 10	0.73	900				
21350E 8325N	201 202	< 5 < 0.2	2.97	< 2	140 < 0.5	< 2	0.65 < 0.5	13	76	104	2.78	10	50	0.07 < 10	0.57	760				
21350E 8350N	201 202	< 5 < 0.2	2.64	< 2	130 < 0.5	< 2	1.00 < 0.5	19	50	82	3.52	10	< 10	0.12 < 10	1.16	435				
21350E 8375N	201 202	< 5 < 0.2	2.94	< 2	100 < 0.5	< 2	0.83 < 0.5	12	29	177	2.63	10	30	0.10 < 10	0.62	740				
21350E 8400N	201 202	< 5 < 0.2	2.94	< 2	130 < 0.5	< 2	0.51 < 0.5	13	35	64	3.04	10	20	0.07 < 10	0.56	390				
21350E 8425N	201 202	< 5 < 0.2	3.22	< 2	200 < 0.5	< 2	0.61 < 0.5	22	35	61	3.40	10	20	0.06 < 10	0.73	1075				
21350E 8450N	201 202	< 5 < 0.2	2.39	< 2	100 < 0.5	< 2	0.33 < 0.5	25	20	45	3.23	10	40	0.04 < 10	0.48	465				
21350E 8475N	201 202	< 5 < 0.2	2.64	< 2	330 < 0.5	< 2	0.55 < 0.5	12	37	23	2.60	10	50	0.08 < 10	0.54	2090				
21350E 8500N	201 202	< 5 < 0.2	3.07	< 2	250 < 0.5	< 2	0.47 < 0.5	20	41	31	3.13	10	20	0.07 < 10	0.63	1815				

CERTIFICATION: *Heidi Beckler*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

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 Invoice No. : 19623742  
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 Account : LOY

Project : PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21350E 7525N	201 202	< 1 < 0.01	30	210	< 2	< 2	3	26	0.18	< 10	< 10	65	< 10	28	
21350E 7550N	201 202	< 1 < 0.01	21	360	< 2	< 2	4	45	0.15	< 10	< 10	65	< 10	26	
21350E 7575N	201 202	< 1 < 0.02	27	220	< 2	< 2	8	50	0.21	< 10	< 10	85	< 10	34	
21350E 7600N	201 202	< 1 < 0.01	41	320	< 2	< 2	9	58	0.23	< 10	< 10	112	< 10	48	
21350E 7625N	201 202	< 1 < 0.03	43	450	< 2	< 2	9	48	0.16	< 10	< 10	65	< 10	36	
21350E 7650N	201 202	< 1 < 0.04	40	320	< 2	< 2	5	54	0.23	< 10	< 10	79	< 10	54	
21350E 7675N	201 202	< 1 < 0.03	24	2220	< 2	< 2	3	27	0.14	< 10	< 10	67	< 10	114	
21350E 7700N	201 202	< 1 < 0.04	29	1530	< 2	< 2	3	32	0.19	< 10	< 10	80	< 10	66	
21350E 7725N	201 202	< 1 < 0.01	27	1070	< 2	< 2	5	49	0.18	< 10	< 10	101	< 10	48	
21350E 7750N	201 202	< 1 < 0.01	43	510	< 2	< 2	7	53	0.22	< 10	< 10	122	< 10	48	
21350E 7775N	201 202	< 1 < 0.01	36	350	< 2	< 2	5	53	0.21	< 10	< 10	94	< 10	48	
21350E 7800N	201 202	< 1 < 0.01	40	970	< 2	< 2	6	36	0.22	< 10	< 10	95	< 10	62	
21350E 7825N	201 202	< 1 < 0.01	8	530	< 2	< 2	3	29	0.16	< 10	< 10	68	< 10	44	
21350E 7850N	201 202	< 1 < 0.01	31	170	< 2	< 2	6	47	0.24	< 10	< 10	101	< 10	34	
21350E 7875N	201 202	< 1 < 0.01	31	1520	< 2	< 2	5	35	0.17	< 10	< 10	92	< 10	62	
21350E 7900N	201 202	< 1 < 0.02	53	440	< 2	< 2	6	37	0.19	< 10	< 10	81	< 10	48	
21350E 7925N	201 202	< 1 < 0.02	66	380	< 2	< 2	5	40	0.23	< 10	< 10	81	< 10	60	
21350E 7950N	201 202	< 1 < 0.01	64	380	< 2	< 2	7	34	0.21	< 10	< 10	76	< 10	54	
21350E 7975N	201 202	< 1 < 0.01	59	520	< 2										





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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number : 4-A  
 Total Pages : 6  
 Certificate Date: 17-JUL-96  
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## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21350E 8525W	201 202	< 5	0.2	2.81	< 2	180	< 0.5	< 2	0.51	< 0.5	13	43	27	2.91	10	10	0.06	< 10	0.63	420
21350E 8550W	201 202	< 5	0.2	2.64	< 2	200	< 0.5	< 2	0.49	< 0.5	20	10	16	2.81	10	20	0.05	< 10	0.68	1490
21350E 8575W	201 202	< 5	0.2	2.77	< 2	190	< 0.5	< 2	0.56	< 0.5	14	42	36	3.03	10	20	0.08	< 10	0.67	545
21350E 8600W	201 202	< 5	0.2	2.54	< 2	240	< 0.5	< 2	0.42	< 0.5	17	26	25	3.06	10	10	0.06	< 10	0.40	2180
21350E 8625W	201 202	< 5	0.2	2.49	< 2	180	< 0.5	< 2	0.57	< 0.5	11	35	26	2.65	10	20	0.08	< 10	0.50	580
21350E 8650W	201 202	< 5	0.2	2.48	< 2	190	< 0.5	< 2	0.56	< 0.5	11	32	25	2.73	10	10	0.08	< 10	0.52	630
21350E 8675W	201 202	< 5	0.2	2.35	< 2	150	< 0.5	< 2	0.69	< 0.5	13	34	39	3.08	10	10	0.09	< 10	0.63	465
21350E 8700W	201 202	< 5	0.2	2.59	< 2	170	< 0.5	< 2	0.32	< 0.5	14	30	32	2.68	10	10	0.06	< 10	0.41	1115
21350E 8725W	201 202	< 5	0.2	1.76	< 2	170	< 0.5	< 2	0.67	< 0.5	12	38	21	2.53	< 10	30	0.10	< 10	0.40	645
21350E 8750W	201 202	< 5	0.2	2.25	< 2	110	< 0.5	< 2	1.65	< 0.5	15	55	169	3.18	10	60	0.10	< 10	0.88	480
21350E 8775W	201 202	< 5	0.2	2.23	< 2	100	< 0.5	< 2	1.13	< 0.5	19	88	70	3.92	10	10	0.21	< 10	1.76	465
21350E 8800W	201 202	< 5	0.2	1.86	< 2	140	< 0.5	< 2	0.63	< 0.5	9	28	17	2.58	< 10	< 10	0.17	< 10	0.51	290
21350E 8825W	201 202	< 5	0.2	1.81	< 2	130	< 0.5	< 2	0.57	< 0.5	8	28	19	2.16	10	10	0.08	< 10	0.39	305
21350E 8850W	201 202	< 5	0.2	1.43	< 2	220	< 0.5	< 2	0.49	< 0.5	7	24	9	1.92	< 10	10	0.08	< 10	0.23	245
21350E 8875W	201 202	< 5	0.2	2.28	< 2	120	< 0.5	< 2	0.50	< 0.5	9	42	16	2.49	10	< 10	0.12	< 10	0.45	190
21350E 8900W	201 202	< 5	0.2	1.97	< 2	150	< 0.5	< 2	0.62	< 0.5	10	51	19	2.60	10	20	0.13	< 10	0.57	425
21350E 8925W	201 202	< 5	0.2	2.07	< 2	170	< 0.5	< 2	0.50	< 0.5	9	44	18	2.44	< 10	30	0.14	< 10	0.51	290
21350E 8950W	201 202	< 5	0.2	2.15	< 2	160	< 0.5	< 2	0.68	< 0.5	10	48	19	2.67	< 10	10	0.14	< 10	0.58	210
21350E 8975W	201 202	< 5	0.2	2.02	< 2	150	< 0.5	< 2	0.68	< 0.5	10	53	19	2.76	10	30	0.13	< 10	0.63	280
21350E 9000W	201 202	< 5	0.2	1.76	< 2	110	< 0.5	< 2	0.50	< 0.5	8	41	14	2.12	< 10	40	0.13	< 10	0.50	220
21350E 9025W	201 202	< 5	0.2	2.01	< 2	130	< 0.5	< 2	0.68	< 0.5	9	48	19	2.73	< 10	10	0.14	< 10	0.62	225
21350E 9050W	201 202	25	< 0.2	2.08	< 2	80	< 0.5	< 2	1.06	< 0.5	16	68	38	3.78	10	20	0.15	< 10	1.04	430
21350E 9075W	201 202	< 5	0.2	2.03	< 2	210	< 0.5	< 2	0.83	< 0.5	13	51	48	3.55	10	20	0.17	< 10	0.83	530
21350E 9100W	201 202	< 5	0.2	2.43	< 2	130	< 0.5	< 2	0.88	< 0.5	9	38	35	2.67	< 10	40	0.09	< 10	0.50	285
21350E 9125W	201 202	< 5	0.2	2.02	< 2	90	< 0.5	< 2	0.80	< 0.5	8	42	15	2.63	< 10	30	0.12	< 10	0.46	200
21350E 9150W	201 202	< 5	0.2	1.85	< 2	100	< 0.5	< 2	0.59	< 0.5	8	37	15	2.43	< 10	10	0.12	< 10	0.45	170
21350E 9175W	201 202	< 5	0.2	1.74	< 2	90	< 0.5	< 2	0.61	< 0.5	8	41	14	2.49	< 10	10	0.18	< 10	0.50	340
21350E 9200W	201 202	< 5	0.2	1.57	< 2	80	< 0.5	< 2	0.83	< 0.5	10	44	18	2.93	< 10	20	0.12	< 10	0.59	395
21350E 9225W	201 202	< 5	0.2	1.79	< 2	160	< 0.5	< 2	0.73	< 0.5	9	36	67	2.44	< 10	20	0.10	< 10	0.50	430
21350E 9250W	201 202	< 5	0.2	1.52	< 2	120	< 0.5	< 2	1.63	< 0.5	8	39	146	2.19	< 10	40	0.11	< 10	0.54	365
21350E 9275W	201 202	< 5	0.2	1.65	< 2	120	< 0.5	< 2	1.54	< 0.5	9	41	171	2.30	< 10	70	0.14	< 10	0.64	495
21350E 9300W	201 202	< 5	0.2	1.50	< 2	90	< 0.5	< 2	0.53	< 0.5	5	22	11	1.84	< 10	< 10	0.11	< 10	0.10	150
21350E 9325W	201 202	< 5	0.2	2.94	< 2	190	< 0.5	< 2	0.83	< 0.5	11	39	37	3.14	< 10	40	0.19	< 10	0.65	510
21350E 9350W	201 202	10	< 0.2	2.27	< 2	160	< 0.5	< 2	0.87	< 0.5	9	37	23	2.88	< 10	10	0.15	< 10	0.59	420
21450E 7450W	201 202	25	< 0.2	3.07	< 2	130	< 0.5	< 2	0.51	< 0.5	15	49	34	3.47	10	20	0.07	< 10	0.76	405
21450E 7475W	201 202	< 5	0.2	3.10	< 2	90	< 0.5	< 2	0.54	< 0.5	15	55	53	3.67	10	30	0.05	< 10	0.96	290
21450E 7500W	201 202	< 5	0.2	2.75	< 2	100	< 0.5	< 2	0.45	< 0.5	14	40	18	2.24	10	40	0.06	< 10	0.69	295
21450E 7525W	201 202	< 5	0.2	2.53	< 2	130	< 0.5	< 2	0.64	< 0.5	14	43	31	3.17	10	10	0.06	< 10	0.66	735
21450E 7550W	201 202	< 5	0.2	2.58	< 2	130	< 0.5	< 2	0.50	< 0.5	14	45	41	3.18	10	30	0.07	< 10	0.72	280
21450E 7575W	201 202	< 5	0.2	3.84	< 2	160	< 0.5	< 2	1.02	< 0.5	20	51	198	3.36	10	60	0.10	< 10	0.61	885

CERTIFICATION: *Haut Buchler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

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 Account : LOY

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21350E 8525W	201 202	< 1	< 0.01	22	630	4	< 2	4	36	0.17	< 10	< 10	81	< 10	64
21350E 8550W	201 202	< 1	< 0.01	16	1940	2	< 2	4	37	0.15	< 10	< 10	69	< 10	100
21350E 8575W	201 202	< 1	< 0.01	19	1180	2	< 2	5	46	0.16	< 10	< 10	86	< 10	54
21350E 8600W	201 202	< 1	< 0.01	12	1880	2	< 2	4	35	0.15	< 10	< 10	85	< 10	120
21350E 8625W	201 202	< 1	< 0.01	17	1260	4	< 2	4	40	0.14	< 10	< 10	74	< 10	56
21350E 8650W	201 202	< 1	< 0.01	15	1180	2	< 2	5	48	0.14	< 10	< 10	79	< 10	58
21350E 8675W	201 202	< 1	< 0.01	15	730	2	< 2	5	54	0.17	< 10	< 10	97	< 10	58
21350E 8700W	201 202	< 1	< 0.02	16	2350	2	< 2	4	27	0.12	< 10	< 10	66	< 10	88
21350E 8725W	201 202	< 1	< 0.02	17	830	2	< 2	4	31	0.12	< 10	< 10	70	< 10	66
21350E 8750W	201 202	< 1	< 0.01	36	820	2	< 2	9	54	0.16	< 10	< 10	85	< 10	40
21350E 8775W	201 202	< 1	< 0.01	38	530	< 2	< 2	10	51	0.18	< 10	< 10	110	< 10	42
21350E 8800W	201 202	< 1	< 0.01	13	1500	2	< 2	4	38	0.11	< 10	< 10	70	< 10	32
21350E 8825W	201 202	< 1	< 0.02	13	140	2	< 2	3	37	0.13	< 10	< 10	62	< 10	30
21350E 8850W	201 202	< 1	< 0.03	8	1990	2	< 2	3	32	0.09	< 10	< 10	52	< 10	26
21350E 8875W	201 202	< 1	< 0.03	16	540	< 2	< 2	5	39	0.15	< 10	< 10	64	< 10	34
21350E 8900W	201 202	< 1	< 0.01	19	780	2	< 2	5	47	0.16	< 10	< 10	76	< 10	36
21350E 8925W	201 202	< 1	< 0.03	18	1080	2	< 2	4	40	0.14	< 10	< 10	66	< 10	34
21350E 8950W	201 202	< 1	< 0.01	20	590	2	< 2	4	49	0.17	< 10	< 10	77	< 10	36
21350E 8975W	201 202	< 1	< 0.01	22	730	2	< 2	4	45	0.16	< 10	< 10	80	< 10	32
21350E 9000W	201 202	< 1	< 0.02	17	430	2	< 2								



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 5-A  
Total Pages : 8  
Certificate Date: 17-JUL-96  
Invoice No. : 19623742  
P.O. Number :  
Account : LOY

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Bg ppb	K %	La ppm	Hg %	Mn ppm
21450E 7600H	201 202	< 5	2.56	< 2	70	< 0.5	< 2	1.03	< 0.5	14	46	31	3.16	< 10	30	0.06	< 10	0.74	240	
21450E 7625H	201 202	< 5	2.54	< 2	80	< 0.5	< 2	0.84	< 0.5	14	46	38	2.83	< 10	< 10	0.05	< 10	0.64	285	
21450E 7650H	201 202	< 5	2.46	< 2	80	< 0.5	< 2	0.46	< 0.5	15	51	27	3.18	< 10	10	0.04	< 10	0.72	340	
21450E 7675H	201 202	< 5	2.12	< 2	110	< 0.5	< 2	1.16	< 0.5	15	39	100	3.04	< 10	10	0.08	< 10	0.61	490	
21450E 7700H	201 202	< 5	2.22	< 2	110	< 0.5	< 2	1.16	< 0.5	15	46	83	2.98	< 10	50	0.06	< 10	0.78	660	
21450E 7725H	201 202	< 5	2.10	< 2	100	< 0.5	< 2	0.56	< 0.5	16	34	66	2.57	< 10	50	0.06	< 10	0.57	595	
21450E 7750H	201 202	< 5	2.80	< 2	120	< 0.5	< 2	1.12	< 0.5	35	76	422	3.13	< 10	30	0.08	< 10	1.02	535	
21450E 7775H	201 202	< 5	3.25	< 2	160	< 0.5	< 2	0.86	< 0.5	20	46	290	2.93	< 10	10	0.06	< 10	0.64	465	
21450E 7800H	201 202	< 5	1.86	< 2	70	< 0.5	< 2	0.61	< 0.5	13	43	57	2.60	< 10	10	0.07	< 10	0.52	150	
21450E 7825H	201 202	< 5	1.47	< 2	90	< 0.5	< 2	0.40	< 0.5	10	13	23	2.49	< 10	50	0.05	< 10	0.49	185	
21450E 7850H	201 202	< 5	2.24	< 2	130	< 0.5	< 2	0.73	< 0.5	13	60	37	2.62	< 10	10	0.06	< 10	0.75	280	
21450E 7875H	201 202	< 5	1.85	< 2	80	< 0.5	< 2	0.69	< 0.5	11	52	20	2.47	< 10	10	0.05	< 10	0.60	180	
21450E 7900H	201 202	< 5	2.28	< 2	110	< 0.5	< 2	0.72	< 0.5	12	55	31	2.64	< 10	20	0.06	< 10	0.67	230	
21450E 7925H	201 202	< 5	2.19	< 2	110	< 0.5	< 2	0.55	< 0.5	11	49	25	2.56	< 10	10	0.05	< 10	0.59	205	
21450E 7950H	201 202	< 5	1.81	< 2	60	< 0.5	< 2	0.58	< 0.5	14	65	26	2.86	< 10	20	0.08	< 10	0.78	245	
21450E 7975H	201 202	< 5	2.17	< 2	100	< 0.5	< 2	0.73	< 0.5	12	60	36	2.65	< 10	20	0.07	< 10	0.85	205	
21450E 8000H	201 202	< 5	1.84	< 2	80	< 0.5	< 2	0.58	< 0.5	11	47	24	2.39	< 10	10	0.06	< 10	0.70	175	
21450E 8025H	201 202	< 5	2.12	< 2	130	< 0.5	< 2	0.60	< 0.5	17	56	48	2.68	< 10	50	0.09	< 10	0.88	490	
21450E 8050H	201 202	< 5	1.69	< 2	60	< 0.5	< 2	0.70	< 0.5	17	51	29	3.04	< 10	20	0.09	< 10	1.03	360	
21450E 8075H	201 202	< 5	2.52	< 2	170	< 0.5	< 2	0.38	< 0.5	14	38	41	2.60	< 10	30	0.11	< 10	0.56	445	
21450E 8100H	201 202	< 5	1.86	< 2	140	< 0.5	< 2	0.58	< 0.5	17	53	28	3.00	< 10	30	0.08	< 10	0.81	525	
21450E 8125H	201 202	< 5	3.74	< 2	230	< 0.5	< 2	1.23	< 0.5	19	67	150	3.81	< 10	50	0.19	< 10	1.08	695	
21450E 8150H	201 202	< 5	3.96	< 2	340	< 0.5	< 2	2.41	< 0.5	19	61	291	3.88	< 10	50	0.30	< 10	1.00	805	
21450E 8175H	201 202	< 5	2.15	< 2	160	< 0.5	< 2	0.97	< 0.5	16	40	96	2.93	< 10	50	0.17	< 10	0.68	930	
21450E 8200H	201 202	< 5	1.86	< 2	100	< 0.5	< 2	0.49	< 0.5	13	28	48	2.15	< 10	50	0.08	< 10	0.38	265	
21450E 8225H	201 202	< 5	2.14	< 2	100	< 0.5	< 2	0.37	< 0.5	14	34	37	2.51	< 10	40	0.06	< 10	0.56	325	
21450E 8250H	201 202	< 5	2.52	< 2	140	< 0.5	< 2	0.40	< 0.5	15	37	47	2.91	< 10	30	0.06	< 10	0.60	785	
21450E 8275H	201 202	< 5	2.48	< 2	110	< 0.5	< 2	0.49	< 0.5	15	46	70	2.99	< 10	40	0.05	< 10	0.66	440	
21450E 8300H	201 202	< 5	2.38	< 2	110	< 0.5	< 2	0.51	< 0.5	13	52	66	3.23	< 10	40	0.08	< 10	0.77	415	
21450E 8325H	201 202	< 5	2.39	< 2	140	< 0.5	< 2	0.35	< 0.5	15	37	48	2.66	< 10	20	0.04	< 10	0.53	500	
21450E 8350H	201 202	15	1.60	< 2	90	< 0.5	< 2	0.40	< 0.5	14	32	23	2.33	< 10	40	0.05	< 10	0.38	780	
21450E 8375H	201 202	5	2.08	< 2	120	< 0.5	< 2	0.45	< 0.5	14	40	39	2.95	< 10	10	0.05	< 10	0.60	640	
21450E 8400H	201 202	< 5	1.92	< 2	110	< 0.5	< 2	0.49	< 0.5	14	44	39	2.92	< 10	10	0.06	< 10	0.67	340	
21450E 8425H	201 202	< 5	2.90	< 2	150	< 0.5	< 2	0.91	< 0.5	13	52	115	2.86	< 10	40	0.08	< 10	0.62	745	
21450E 8450H	201 202	< 5	0.08	< 2	60	< 0.5	< 2	1.40	< 0.5	< 1	3	26	0.11	< 10	220	0.07	< 10	0.15	360	
21450E 8475H	201 202	< 5	3.04	< 2	140	< 0.5	< 2	1.19	< 0.5	19	51	987	3.76	< 10	50	0.14	< 10	0.84	940	
21450E 8500H	201 202	< 5	2.28	< 2	120	< 0.5	< 2	1.13	< 0.5	20	49	457	3.50	< 10	50	0.07	< 10	0.84	575	
21450E 8525H	201 202	< 5	2.40	< 2	140	< 0.5	< 2	1.34	< 0.5	16	43	1130	3.30	< 10	90	0.12	< 10	0.66	880	
21450E 8550H	201 202	< 5	1.60	< 2	130	< 0.5	< 2	0.83	< 0.5	12	31	40	2.63	< 10	50	0.08	< 10	0.42	375	
21450E 8575H	201 202	< 5	1.92	< 2	180	< 0.5	< 2	0.72	< 0.5	13	28	27	2.96	< 10	40	0.10	< 10	0.46	875	

CERTIFICATION: Hart Beckler



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 5-B  
Total Pages : 8  
Certificate Date: 17-JUL-96  
Invoice No. : 19623742  
P.O. Number :  
Account : LOY

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21450E 7600H	201 202	< 1	0.01	24	160	2	2	5	48	0.22	< 10	< 10	92	< 10	30
21450E 7625H	201 202	< 1	0.01	27	160	6	2	5	36	0.18	< 10	< 10	78	< 10	32
21450E 7650H	201 202	< 1	0.01	30	520	2	< 2	4	29	0.19	< 10	< 10	96	< 10	50
21450E 7675H	201 202	< 1	0.01	35	670	2	< 2	5	37	0.16	< 10	< 10	80	< 10	40
21450E 7700H	201 202	< 1	0.01	31	510	2	< 2	5	41	0.15	< 10	< 10	84	< 10	40
21450E 7725H	201 202	< 1	0.01	27	800	6	< 2	4	23	0.12	< 10	< 10	68	< 10	54
21450E 7750H	201 202	< 1	0.01	65	620	< 2	< 2	7	35	0.16	< 10	< 10	73	< 10	46
21450E 7775H	201 202	< 1	0.03	52	400	4	< 2	6	30	0.16	< 10	< 10	64	< 10	40
21450E 7800H	201 202	< 1	0.01	27	390	2	< 2	4	27	0.15	< 10	< 10	70	< 10	26
21450E 7825H	201 202	< 1	0.01	18	1010	2	< 2	3	24	0.12	< 10	< 10	66	< 10	34
21450E 7850H	201 202	< 1	0.01	42	290	2	< 2	4	32	0.17	< 10	< 10	69	< 10	28
21450E 7875H	201 202	< 1	0.01	28	190	2	< 2	4	35	0.19	< 10	< 10	70	< 10	24
21450E 7900H	201 202	< 1	0.01	37	220	2	< 2	4	37	0.19	< 10	< 10	70	< 10	26
21450E 7925H	201 202	< 1	0.01	30	310	2	< 2	4	38	0.17	< 10	< 10	71	< 10	28
21450E 7950H	201 202	< 1	0.01	36	910	2	< 2	5	38	0.15	< 10	< 10	84	< 10	32
21450E 7975H	201 202	< 1	0.01	43	280	2	< 2	4	35	0.19	< 10	< 10	67	< 10	32
21450E 8000H	201 202	< 1	0.01	29	370	4	< 2	4	38	0.18	< 10	< 10	66	< 10	28
21450E 8025H	201 202	< 1	0.01	42	740	2	< 2	5	37	0.14	< 10	< 10	69	< 10	40
21450E 8050H	201 202	< 1	0.01	24	660	2	< 2	6	45	0.24	< 10	< 10	96	< 10	38
21450E 8075H	201 202	< 1	0.01	28	1750	2	< 2	4	27	0.13	< 10	< 10	55	< 10	44
21450E 8100H	201 202	< 1	0.01	24	1810	2	< 2	5	43	0.13	< 10	< 10	83	< 10	40
21450E 8125H	201 202	< 1	0.02	54	660	2	< 2	9	61	0.15	<				



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :6-A  
Total Pages :8  
Certificate Date: 17-JUL-96  
Invoice No. :19623742  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21450E 8600W	201 202	< 5	< 0.2	2.27	6	130	< 0.5	< 2	0.53	< 0.5	13	32	20	2.90	< 10	30	0.08	< 10	0.57	365
21450E 8625W	201 202	< 5	< 0.2	1.01	2	80	< 0.5	< 2	0.39	< 0.5	11	28	19	2.39	< 10	10	0.07	< 10	0.43	410
21450E 8650W	201 202	< 5	< 0.2	2.03	6	140	< 0.5	< 2	0.46	< 0.5	12	30	27	2.63	< 10	40	0.09	< 10	0.48	520
21450E 8675W	201 202	< 5	< 0.2	1.63	10	100	< 0.5	< 2	0.46	< 0.5	11	26	21	2.37	< 10	10	0.05	< 10	0.42	375
21450E 8700W	201 202	< 5	< 0.2	1.08	6	130	< 0.5	< 2	0.35	< 0.5	11	26	20	2.48	< 10	20	0.06	< 10	0.44	515
21450E 8725W	201 202	< 5	< 0.2	2.12	2	150	< 0.5	< 2	0.32	< 0.5	12	31	23	2.52	< 10	10	0.05	< 10	0.48	605
21450E 8750W	201 202	< 5	< 0.2	1.76	< 2	170	< 0.5	< 2	0.32	< 0.5	10	29	23	2.32	< 10	20	0.06	< 10	0.46	430
21450E 8775W	201 202	< 5	< 0.2	1.57	< 2	90	< 0.5	< 2	0.41	< 0.5	10	40	22	2.37	< 10	30	0.06	< 10	0.58	485
21450E 8800W	201 202	< 5	< 0.2	2.43	< 2	200	< 0.5	< 2	0.42	< 0.5	14	38	30	2.78	< 10	50	0.09	< 10	0.52	1125
21450E 8825W	201 202	< 5	< 0.2	2.42	6	180	< 0.5	< 2	0.55	< 0.5	17	38	29	2.94	< 10	40	0.06	< 10	0.54	950
21450E 8850W	201 202	< 5	< 0.2	2.25	4	120	< 0.5	< 2	0.45	< 0.5	14	46	25	2.80	< 10	20	0.05	< 10	0.58	310
21450E 8875W	201 202	< 5	< 0.2	2.25	2	160	< 0.5	< 2	0.35	< 0.5	13	36	25	2.37	< 10	30	0.06	< 10	0.52	905
21450E 8900W	201 202	< 5	< 0.2	1.83	4	130	< 0.5	< 2	0.40	< 0.5	9	35	15	2.27	< 10	10	0.07	< 10	0.45	580
21450E 8925W	201 202	< 5	< 0.2	2.29	< 2	170	< 0.5	< 2	0.42	< 0.5	12	38	27	2.55	< 10	30	0.08	< 10	0.47	715
21450E 8950W	201 202	< 5	< 0.2	2.00	2	60	< 0.5	< 2	0.65	< 0.5	11	34	20	2.61	< 10	10	0.08	< 10	0.51	280
21450E 8975W	201 202	< 5	< 0.2	1.68	< 2	130	< 0.5	< 2	0.46	< 0.5	9	28	17	2.21	< 10	10	0.08	< 10	0.39	345
21450E 9000W	201 202	< 5	< 0.2	1.72	< 2	150	< 0.5	< 2	0.56	< 0.5	9	34	18	2.43	< 10	30	0.09	< 10	0.44	350
21450E 9025W	201 202	< 5	< 0.2	1.68	2	140	< 0.5	< 2	0.45	< 0.5	8	30	16	2.25	< 10	10	0.09	< 10	0.42	165
21450E 9050W	201 202	< 5	< 0.2	1.58	6	150	< 0.5	< 2	0.54	< 0.5	9	32	18	2.40	< 10	30	0.09	< 10	0.45	235
21450E 9075W	201 202	< 5	< 0.2	1.63	2	150	< 0.5	< 2	0.54	< 0.5	8	25	19	2.02	< 10	10	0.09	< 10	0.41	335
21450E 9100W	201 202	< 5	< 0.2	1.68	2	160	< 0.5	< 2	0.38	< 0.5	8	26	14	2.18	< 10	10	0.10	< 10	0.40	320
21450E 9125W	201 202	< 5	< 0.2	1.57	< 2	120	< 0.5	< 2	0.46	< 0.5	8	26	14	2.05	< 10	20	0.08	< 10	0.43	260
21450E 9150W	201 202	< 5	< 0.2	1.83	< 2	170	< 0.5	< 2	0.38	< 0.5	9	28	13	2.18	< 10	30	0.07	< 10	0.38	335
21450E 9175W	201 202	< 5	< 0.2	1.50	< 2	100	< 0.5	< 2	0.44	< 0.5	7	26	11	2.00	< 10	10	0.11	< 10	0.36	155
21450E 9200W	201 202	< 5	< 0.2	1.65	< 2	140	< 0.5	< 2	0.52	< 0.5	8	27	13	2.22	< 10	20	0.10	< 10	0.39	490
21450E 9225W	201 202	< 5	< 0.2	1.66	< 2	90	< 0.5	< 2	0.55	< 0.5	8	30	13	2.22	< 10	10	0.11	< 10	0.45	180
21450E 9250W	201 202	< 5	< 0.2	1.64	< 2	110	< 0.5	< 2	0.44	< 0.5	8	28	14	2.22	< 10	30	0.09	< 10	0.43	255
21450E 9275W	201 202	< 5	< 0.2	1.92	< 2	130	< 0.5	< 2	0.61	< 0.5	9	31	15	2.52	< 10	20	0.11	< 10	0.51	205
21450E 9300W	201 202	< 5	< 0.2	1.98	2	130	< 0.5	< 2	0.60	< 0.5	9	32	14	2.47	< 10	20	0.11	< 10	0.51	235
21450E 9325W	201 202	< 5	< 0.2	1.79	2	160	< 0.5	< 2	0.43	< 0.5	9	24	17	2.11	< 10	30	0.11	< 10	0.39	450
21450E 9350W	201 202	40	< 0.2	2.13	2	130	< 0.5	< 2	0.44	< 0.5	11	33	23	2.88	< 10	30	0.08	< 10	0.48	645

CERTIFICATION: *Hart Buehler*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :6-B  
Total Pages :6  
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## CERTIFICATE OF ANALYSIS A9623742

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
21450E 8600W	201 202	< 1	0.01	17	740	6	< 2	4	34	0.16	< 10	< 10	77	< 10	46
21450E 8625W	201 202	< 1	0.01	14	1020	2	< 2	3	27	0.13	< 10	< 10	56	< 10	44
21450E 8650W	201 202	< 1	0.01	16	1370	6	< 2	4	31	0.13	< 10	< 10	65	< 10	46
21450E 8675W	201 202	< 1	0.01	13	510	2	< 2	3	27	0.13	< 10	< 10	59	< 10	38
21450E 8700W	201 202	< 1	0.01	14	1070	2	< 2	3	23	0.11	< 10	< 10	56	< 10	54
21450E 8725W	201 202	< 1	0.01	17	910	4	< 2	3	21	0.12	< 10	< 10	61	< 10	70
21450E 8750W	201 202	< 1	0.01	17	1430	4	< 2	4	21	0.09	< 10	< 10	58	< 10	58
21450E 8775W	201 202	< 1	0.01	19	700	6	< 2	4	25	0.12	< 10	< 10	67	< 10	46
21450E 8800W	201 202	< 1	0.01	23	1690	6	< 2	5	30	0.12	< 10	< 10	67	< 10	98
21450E 8825W	201 202	< 1	0.01	23	1030	8	< 2	4	33	0.15	< 10	< 10	79	< 10	94
21450E 8850W	201 202	< 1	0.01	22	610	6	< 2	4	33	0.16	< 10	< 10	81	< 10	52
21450E 8875W	201 202	< 1	0.01	22	1680	6	< 2	4	27	0.11	< 10	< 10	61	< 10	70
21450E 8900W	201 202	< 1	0.01	17	900	4	< 2	4	30	0.13	< 10	< 10	61	< 10	44
21450E 8925W	201 202	< 1	0.01	21	1780	10	< 2	5	32	0.13	< 10	< 10	66	< 10	74
21450E 8950W	201 202	< 1	0.01	14	200	6	< 2	4	40	0.19	< 10	< 10	77	< 10	44
21450E 8975W	201 202	< 1	0.01	14	820	6	< 2	4	31	0.12	< 10	< 10	59	< 10	34
21450E 9000W	201 202	< 1	0.01	16	1090	8	< 2	4	46	0.13	< 10	< 10	66	< 10	32
21450E 9025W	201 202	< 1	0.01	12	790	6	< 2	4	38	0.13	< 10	< 10	61	< 10	26
21450E 9050W	201 202	< 1	0.01	13	820	6	< 2	4	35	0.12	< 10	< 10	69	< 10	30
21450E 9075W	201 202	< 1	0.01	12	220	6	< 2	4	36	0.13	< 10	< 10	59	< 10	22
21450E 9100W	201 202	< 1	0.01	12	1420	6	< 2	4	29	0.10	< 10	< 10	55	< 10	28
21450E 9125W	201 202	< 1	0.01	12	680	4	< 2	4	32	0.12	< 10	< 10	59	< 10	24
21450E 9150W	201 202	< 1	0.02	14	1870	6	< 2	4	30	0.10	< 10	< 10	55	< 10	32
21450E 9175W	201 202	< 1	0.01	11	620	4	< 2	4	33	0.12	< 10	< 10	55	< 10	20
21450E 9200W	201 202	< 1	0.01	11	900	6	< 2	4	39	0.13	< 10	< 10	61	< 10	26
21450E 9225W	201 202	< 1	0.01	13	460	4	< 2	4	41	0.15	< 10	< 10	66	< 10	24
21450E 9250W	201 202	< 1	0.01	12	650	4	< 2	4	33	0.13	< 10	< 10	63	< 10	22
21450E 9275W	201 202	< 1	0.01	13	530	6	< 2	4	47	0.16	< 10	< 10	73	< 10	26
21450E 9300W	201 202	< 1	0.01	15	720	6	< 2	4	48	0.16	< 10	< 10	72	< 10	28
21450E 9325W	201 202	< 1	0.02	15	1570	4	< 2	4	35	0.11	< 10	< 10	53	< 10	34
21450E 9350W	201 202	1	0.01	16	2390	6	< 2	4	32	0.11	< 10	< 10	77	< 10	54

CERTIFICATION: *Hart Buehler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-A  
 Total Pages :4  
 Certificate Date: 17-JUL-96  
 Invoice No. :19623744  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Au ppb FA/AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21550E 7450W	201 202	< 5 < 0.2	2.64	6	80 < 0.5	< 2	0.88 < 0.5	16	45	72	2.78 < 10	50	0.07 < 10	0.68	310					
21550E 7475W	201 202	< 5 < 0.2	1.85	< 2	70 < 0.5	< 2	0.33 < 0.5	13	36	30	2.43 < 10	20	0.03 < 10	0.52	150					
21550E 7500W	201 202	< 5 < 0.2	1.59	< 2	60 < 0.5	< 2	0.44 < 0.5	10	24	20	1.89 < 10	30	0.03 < 10	0.14	110					
21550E 7525W	201 202	< 5 < 0.2	1.96	< 2	80 < 0.5	< 2	0.76 < 0.5	14	43	36	2.41 < 10	40	0.03 < 10	0.60	160					
21550E 7550W	201 202	< 5 < 0.2	2.40	< 2	70 < 0.5	< 2	0.67 < 0.5	14	29	57	2.67 < 10	20	0.04 < 10	0.48	215					
21550E 7575W	201 202	< 5 < 0.2	2.53	6	90 < 0.5	< 2	0.59 < 0.5	12	32	27	3.04 < 10	< 10	0.06 < 10	0.58	195					
21550E 7600W	201 202	< 5 < 0.2	2.27	8	140 < 0.5	< 2	0.76 < 0.5	14	35	37	3.08 < 10	10	0.05 < 10	0.68	380					
21550E 7625W	201 202	< 5 < 0.2	2.49	4	120 < 0.5	< 2	0.84 < 0.5	15	41	42	3.10 < 10	10	0.08 < 10	0.74	280					
21550E 7650W	201 202	< 5 < 0.2	2.85	< 2	150 < 0.5	< 2	1.25 < 0.5	15	44	103	3.18 < 10	40	0.08 < 10	0.69	745					
21550E 7675W	201 202	< 5 < 0.2	3.07	2	170 < 0.5	< 2	0.50 < 0.5	17	45	57	3.43 < 10	30	0.07 < 10	0.71	470					
21550E 7700W	201 202	< 5 < 0.2	2.08	6	70 < 0.5	< 2	0.28 < 0.5	12	34	27	2.78 < 10	20	0.03 < 10	0.37	215					
21550E 7725W	201 202	< 5 < 0.2	3.39	6	140 < 0.5	< 2	1.17 < 0.5	19	37	237	3.00 < 10	40	0.04 < 10	0.94	505					
21550E 7750W	201 202	< 5 < 0.2	2.14	4	100 < 0.5	< 2	0.84 < 0.5	15	45	26	2.77 < 10	40	0.07 < 10	0.70	335					
21550E 7800W	201 202	< 5 < 0.2	1.97	< 2	70 < 0.5	< 2	0.81 < 0.5	14	59	30	2.92 < 10	10	0.07 < 10	0.86	260					
21550E 7825W	201 202	< 5 < 0.2	2.94	2	200 < 0.5	< 2	0.93 < 0.5	16	70	52	3.12 < 10	30	0.23 < 10	0.84	625					
21550E 7850W	201 202	< 5 < 0.2	2.11	< 2	110 < 0.5	< 2	0.78 < 0.5	16	74	33	3.00 < 10	20	0.05 < 10	0.92	290					
21550E 7875W	201 202	< 5 < 0.2	1.98	2	110 < 0.5	< 2	0.64 < 0.5	12	53	28	2.40 < 10	30	0.06 < 10	0.63	175					
21550E 7900W	201 202	< 5 < 0.2	1.85	< 2	100 < 0.5	< 2	0.51 < 0.5	10	47	21	2.27 < 10	10	0.04 < 10	0.58	155					
21550E 7925W	201 202	< 5 < 0.2	1.87	2	100 < 0.5	< 2	0.70 < 0.5	11	48	24	2.66 < 10	10	0.05 < 10	0.63	145					
21550E 7950W	201 202	< 5 < 0.2	2.06	< 2	110 < 0.5	< 2	0.70 < 0.5	13	63	73	2.72 < 10	< 10	0.06 < 10	0.89	480					
21550E 7975W	201 202	< 5 < 0.2	2.03	6	110 < 0.5	< 2	0.54 < 0.5	13	56	32	2.60 < 10	10	0.06 < 10	0.77	190					
21550E 8000W	201 202	< 5 < 0.2	1.46	4	50 < 0.5	< 2	0.60 < 0.5	14	71	23	2.89 < 10	40	0.07 < 10	0.92	260					
21550E 8025W	201 202	< 5 < 0.2	2.67	2	140 < 0.5	< 2	0.45 < 0.5	17	64	42	3.18 < 10	40	0.10 < 10	0.76	365					
21550E 8050W	201 202	< 5 < 0.2	2.27	8	130 < 0.5	< 2	0.72 < 0.5	17	53	50	2.86 < 10	20	0.13 < 10	0.96	555					
21550E 8075W	201 202	< 5 < 0.2	2.40	< 2	150 < 0.5	< 2	0.81 < 0.5	17	55	66	3.14 < 10	10	0.16 < 10	0.94	530					
21550E 8100W	201 202	< 5 < 0.2	2.21	4	130 < 0.5	< 2	0.72 < 0.5	18	50	35	3.05 < 10	20	0.11 < 10	0.82	360					
21550E 8125W	201 202	< 5 < 0.2	4.07	8	310 < 0.5	< 2	1.20 < 0.5	22	87	196	4.62 < 10	50	0.30 < 10	1.32	345					
21550E 8150W	201 202	< 5 < 0.2	4.63	< 2	300 < 0.5	< 2	1.20 < 0.5	22	83	143	4.76 < 10	40	0.14 < 10	1.27	815					
21550E 8175W	201 202	< 5 < 0.2	3.45	8	200 < 0.5	< 2	0.76 < 0.5	16	46	162	3.41 < 10	10	0.16 < 10	0.73	255					
21550E 8200W	201 202	< 5 < 0.2	4.62	4	320 < 0.5	< 2	0.94 < 0.5	22	68	165	4.27 < 10	20	0.26 < 10	1.04	940					
21550E 8225W	201 202	< 5 < 0.2	4.36	4	270 < 0.5	< 2	0.87 < 0.5	22	62	193	4.18 < 10	20	0.21 < 10	0.92	700					
21550E 8250W	201 202	< 5 < 0.2	3.55	< 2	140 < 0.5	< 2	0.69 < 0.5	15	39	160	3.20 < 10	10	0.10 < 10	0.56	345					
21550E 8275W	201 202	< 5 < 0.2	3.56	2	230 < 0.5	< 2	1.04 < 0.5	19	39	300	3.25 < 10	40	0.14 < 10	0.51	990					
21550E 8300W	201 202	< 5 < 0.2	4.37	2	260 < 1.0	< 2	1.11 < 0.5	18	54	755	4.05 < 10	90	0.24 < 10	0.82	555					
21550E 8325W	201 202	< 5 < 0.2	0.79	< 2	80 < 0.5	< 2	1.00 < 0.5	4	9	95	1.05 < 10	80	0.05 < 10	0.16	125					
21550E 8350W	201 202	< 5 < 0.2	2.27	2	90 < 0.5	< 2	0.35 < 0.5	17	25	39	2.80 < 10	40	0.06 < 10	0.54	795					
21550E 8375W	201 202	85 < 0.2	2.35	6	80 < 0.5	< 2	0.44 < 0.5	16	39	34	3.05 < 10	30	0.04 < 10	0.71	280					
21550E 8400W	201 202	< 5 < 0.2	2.34	< 2	160 < 0.5	< 2	0.67 < 0.5	18	31	36	2.82 < 10	50	0.06 < 10	0.59	830					
21550E 8425W	201 202	< 5 < 0.6	1.84	4	90 < 1.5	< 2	3.20 < 0.5	9	26	4510	1.80 < 10	260	0.08 < 10	0.35	575					
21550E 8450W	201 202	< 5 < 0.2	2.46	< 2	110 < 0.5	< 2	0.70 < 0.5	14	34	79	2.62 < 10	10	0.10 < 10	0.40	235					

CERTIFICATION: *Heidi Beckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :1-B  
 Total Pages :4  
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 Invoice No. :19623744  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21550E 7450W	201 202	< 1 < 0.01	30	250	8	2	6	35	0.21 < 10	< 10	< 10	75	< 10	34	
21550E 7475W	201 202	< 1 < 0.01	18	890	6	< 2	3	22	0.14 < 10	< 10	< 10	64	< 10	36	
21550E 7500W	201 202	< 1 < 0.01	14	340	6	< 2	3	25	0.13 < 10	< 10	< 10	51	< 10	26	
21550E 7525W	201 202	< 1 < 0.02	24	340	6	2	3	32	0.16 < 10	< 10	< 10	68	< 10	28	
21550E 7550W	201 202	< 1 < 0.02	25	340	6	< 2	4	26	0.17 < 10	< 10	< 10	75	< 10	38	
21550E 7575W	201 202	< 1 < 0.01	18	290	8	< 2	5	38	0.15 < 10	< 10	< 10	93	< 10	34	
21550E 7600W	201 202	< 1 < 0.01	19	370	6	< 2	6	43	0.16 < 10	< 10	< 10	99	< 10	36	
21550E 7625W	201 202	< 1 < 0.01	22	870	4	< 2	6	45	0.17 < 10	< 10	< 10	103	< 10	38	
21550E 7650W	201 202	< 1 < 0.01	30	340	8	2	8	50	0.16 < 10	< 10	< 10	98	< 10	36	
21550E 7675W	201 202	< 1 < 0.01	29	1470	4	2	6	32	0.16 < 10	< 10	< 10	96	< 10	54	
21550E 7700W	201 202	< 1 < 0.01	17	1290	6	< 2	3	25	0.16 < 10	< 10	< 10	81	< 10	42	
21550E 7725W	201 202	< 1 < 0.04	61	390	6	< 2	7	40	0.15 < 10	< 10	< 10	74	< 10	28	
21550E 7750W	201 202	< 1 < 0.01	28	520	4	< 2	4	34	0.19 < 10	< 10	< 10	89	< 10	36	
21550E 7800W	201 202	< 1 < 0.01	31	380	2	2	5	47	0.23 < 10	< 10	< 10	98	< 10	32	
21550E 7825W	201 202	< 1 < 0.01	53	490	6	< 2	6	41	0.17 < 10	< 10	< 10	74	< 10	30	
21550E 7850W	201 202	< 1 < 0.01	39	350	2	< 2	5	43	0.24 < 10	< 10	< 10	88	< 10	28	
21550E 7875W	201 202	< 1 < 0.01	35	270	6	< 2	4	30	0.17 < 10	< 10	< 10	66	< 10	24	
21550E 7900W	201 202	< 1 < 0.01	30	180	4	< 2	4	27	0.17 < 10	< 10	< 10	65	< 10	26	
21550E 7925W	201 202	< 1 < 0.01	26	340	6	< 2	4	35	0.17 < 10	< 10	< 10	78	< 10	28	
21550E 7950W	201 202	< 1 < 0.01	40	360	4	< 2	5	37	0.19 < 10	< 10	< 10	70	< 10	32	
21550E 7975W	201 202	< 1 < 0.01	38	590	4	< 2	4	29	0.15 < 10	< 10	< 10	71	< 10	32	
21550E 8000W	201 202	< 1 < 0.01	39	820	2	< 2	4	36	0.18 < 10	< 10	< 10	87	< 10	38	
21550E 8025W	201 202	< 1 < 0.02	41	1880	4	2	5	32	0.15 < 10	< 10	< 10	77	< 10	46	
21550E 8050W	201 202	< 1 < 0.01	34	440	4	< 2	4	39	0.20 < 10	< 10	< 10	78	< 10	38	
21550															



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :2-A  
Total Pages :4  
Certificate Date: 17-JUL-96  
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## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21550E 8475W	201 202	< 5 < 0.2	2.17	2	280 < 0.5	< 2	0.52 < 0.5	13	36	31	2.44 < 10	20	0.11 < 10	0.51	530					
21550E 8500W	201 202	< 5 < 0.2	1.72	< 2	420 < 0.5	< 2	0.76 < 0.5	12	27	42	2.27 < 10	30	0.09 < 10	0.36	2100					
21550E 8525W	201 202	< 5 < 0.2	1.93	< 2	70 < 0.5	< 2	0.76 < 0.5	13	36	65	2.88 < 10	10	0.07 < 10	0.51	230					
21550E 8550W	201 202	< 5 < 0.2	2.17	< 2	90 < 0.5	< 2	0.75 < 0.5	15	42	72	3.36 < 10	40	0.08 < 10	0.62	225					
21550E 8575W	201 202	< 5 < 0.2	2.04	< 2	170 < 0.5	< 2	0.52 < 0.5	14	36	25	2.84 < 10	30	0.15 < 10	0.49	595					
21550E 8600W	201 202	< 5 < 0.2	2.57	4	180 < 0.5	< 2	0.46 < 0.5	14	34	24	2.93 < 10	30	0.07 < 10	0.54	445					
21550E 8625W	201 202	< 5 < 0.2	2.48	< 2	130 < 0.5	< 2	0.54 < 0.5	14	40	25	3.04 < 10	10	0.04 < 10	0.64	340					
21550E 8650W	201 202	< 5 < 0.2	2.68	8	180 < 0.5	< 2	0.55 < 0.5	14	38	33	3.08 < 10	20	0.10 < 10	0.62	525					
21550E 8675W	201 202	< 5 < 0.2	2.14	< 2	150 < 0.5	< 2	0.47 < 0.5	12	40	22	2.77 < 10	20	0.06 < 10	0.58	460					
21550E 8700W	201 202	< 5 < 0.2	2.32	< 2	130 < 0.5	< 2	0.39 < 0.5	14	43	35	2.90 < 10	30	0.05 < 10	0.64	340					
21550E 8725W	201 202	< 5 < 0.2	2.12	8	70 < 0.5	< 2	0.68 < 0.5	12	44	24	2.76 < 10	10	0.08 < 10	0.55	250					
21550E 8750W	201 202	< 5 < 0.2	2.45	< 2	130 < 0.5	< 2	0.52 < 0.5	12	41	22	2.90 < 10	40	0.10 < 10	0.60	210					
21550E 8775W	201 202	< 5 < 0.2	2.48	< 2	160 < 0.5	< 2	0.49 < 0.5	13	45	31	2.85 < 10	10	0.10 < 10	0.64	440					
21550E 8800W	201 202	< 5 < 0.2	2.01	< 2	150 < 0.5	< 2	0.46 < 0.5	11	43	18	2.53 < 10	< 10	0.09 < 10	0.52	515					
21550E 8825W	201 202	< 5 < 0.2	2.30	< 2	170 < 0.5	< 2	0.38 < 0.5	12	37	18	2.44 < 10	10	0.08 < 10	0.47	1210					
21550E 8850W	201 202	< 5 < 0.2	1.72	< 2	80 < 0.5	< 2	0.35 < 0.5	9	32	11	2.13 < 10	10	0.08 < 10	0.42	200					
21550E 8875W	201 202	< 5 < 0.2	2.46	< 2	70 < 0.5	< 2	0.92 < 0.5	15	44	130	2.98 < 10	30	0.11 < 10	0.65	695					
21550E 8900W	201 202	< 5 < 0.2	1.58	< 2	130 < 0.5	< 2	0.36 < 0.5	9	29	15	2.19 < 10	20	0.09 < 10	0.42	175					
21550E 8925W	201 202	< 5 < 0.2	1.65	< 2	160 < 0.5	< 2	0.32 < 0.5	8	25	11	2.17 < 10	10	0.09 < 10	0.39	170					
21550E 8950W	201 202	< 5 < 0.2	1.70	< 2	150 < 0.5	< 2	0.38 < 0.5	9	29	13	2.26 < 10	10	0.09 < 10	0.44	180					
21550E 8975W	201 202	< 5 < 0.2	1.50	< 2	80 < 0.5	< 2	0.48 < 0.5	9	30	12	2.25 < 10	< 10	0.08 < 10	0.45	275					
21550E 9000W	201 202	< 5 < 0.2	1.99	< 2	150 < 0.5	< 2	0.43 < 0.5	8	25	14	2.25 < 10	10	0.09 < 10	0.39	170					
21550E 9025W	201 202	< 5 < 0.2	1.55	< 2	110 < 0.5	< 2	0.48 < 0.5	8	28	11	2.23 < 10	30	0.10 < 10	0.41	200					
21550E 9050W	201 202	< 5 < 0.2	1.74	< 2	130 < 0.5	< 2	0.41 < 0.5	8	28	14	2.17 < 10	20	0.10 < 10	0.44	165					
21550E 9075W	201 202	< 5 < 0.2	1.95	< 2	200 < 0.5	< 2	0.36 < 0.5	8	28	15	2.26 < 10	10	0.10 < 10	0.42	355					
21550E 9100W	201 202	< 5 < 0.2	1.64	< 2	190 < 0.5	< 2	0.32 < 0.5	7	21	13	1.72 < 10	10	0.09 < 10	0.30	245					
21550E 9125W	201 202	< 5 < 0.2	1.83	< 2	140 < 0.5	< 2	0.44 < 0.5	9	32	16	2.41 < 10	10	0.08 < 10	0.40	170					
21550E 9150W	201 202	< 5 < 0.2	1.89	< 2	130 < 0.5	< 2	0.52 < 0.5	9	33	16	2.49 < 10	20	0.11 < 10	0.49	160					
21550E 9175W	201 202	< 5 < 0.2	1.83	< 2	130 < 0.5	< 2	0.36 < 0.5	7	23	9	1.95 < 10	10	0.12 < 10	0.32	165					
21550E 9200W	201 202	< 5 < 0.2	1.82	< 2	120 < 0.5	< 2	0.42 < 0.5	8	26	11	2.06 < 10	10	0.10 < 10	0.39	165					
21550E 9225W	201 202	< 5 < 0.2	1.65	< 2	110 < 0.5	< 2	0.40 < 0.5	8	26	10	2.04 < 10	10	0.09 < 10	0.38	155					
21550E 9250W	201 202	< 5 < 0.2	1.94	< 2	140 < 0.5	< 2	0.49 < 0.5	9	32	16	2.41 < 10	10	0.11 < 10	0.49	215					
21550E 9275W	201 202	< 5 < 0.2	1.49	4	70 < 0.5	< 2	0.72 < 0.5	12	43	24	2.95 < 10	< 10	0.10 < 10	0.70	320					
21550E 9300W	201 202	< 5 < 0.2	2.46	4	180 < 0.5	< 2	0.28 < 0.5	8	23	16	2.22 < 10	10	0.07 < 10	0.34	240					
21550E 9325W	201 202	< 5 < 0.2	1.57	6	130 < 0.5	< 2	0.37 < 0.5	8	24	15	2.16 < 10	10	0.06 < 10	0.34	320					
21550E 9350W	201 202	< 5 < 0.2	2.26	< 2	160 < 0.5	< 2	0.39 < 0.5	11	33	26	2.76 < 10	20	0.08 < 10	0.53	500					
21650E 7450W	201 202	< 5 < 0.2	1.89	< 2	70 < 0.5	< 2	0.45 < 0.5	11	28	23	2.38 < 10	< 10	0.03 < 10	0.47	145					
21650E 7475W	201 202	< 5 < 0.2	1.38	6	40 < 0.5	< 2	0.21 < 0.5	7	17	12	1.85 < 10	10	0.03 < 10	0.19	95					
21650E 7500W	201 202	< 5 < 0.2	2.57	< 2	80 < 0.5	< 2	1.28 < 0.5	12	30	91	2.40 < 10	30	0.05 < 10	0.48	335					
21650E 7525W	201 202	< 5 < 0.2	1.69	< 2	60 < 0.5	< 2	0.43 < 0.5	12	43	19	2.70 < 10	20	0.05 < 10	0.64	175					

CERTIFICATION: *Heidi Puchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :2-B  
Total Pages :4  
Certificate Date: 17-JUL-96  
Invoice No. :19623744  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21550E 8475W	201 202	< 1	0.04	23	2320	6	< 2	5	27	0.10	< 10	< 10	58	< 10	62
21550E 8500W	201 202	< 1	0.04	16	1010	4	< 2	4	45	0.08	< 10	< 10	56	< 10	108
21550E 8525W	201 202	< 1	0.01	18	190	4	< 2	5	32	0.17	< 10	< 10	75	< 10	38
21550E 8550W	201 202	< 1	< 0.01	20	220	2	< 2	6	36	0.20	< 10	< 10	95	< 10	32
21550E 8575W	201 202	< 1	0.01	18	1150	6	< 2	4	27	0.12	< 10	< 10	74	< 10	50
21550E 8600W	201 202	< 1	0.01	18	790	2	< 2	4	28	0.15	< 10	< 10	75	< 10	50
21550E 8625W	201 202	< 1	< 0.01	19	590	6	< 2	4	31	0.17	< 10	< 10	89	< 10	50
21550E 8650W	201 202	< 1	0.01	20	1180	4	< 2	5	34	0.15	< 10	< 10	80	< 10	58
21550E 8675W	201 202	< 1	0.01	18	970	4	< 2	5	31	0.14	< 10	< 10	78	< 10	54
21550E 8700W	201 202	< 1	0.01	23	1030	4	< 2	5	27	0.14	< 10	< 10	76	< 10	74
21550E 8725W	201 202	< 1	0.01	18	150	4	< 2	4	40	0.20	< 10	< 10	91	< 10	42
21550E 8750W	201 202	< 1	0.01	19	1030	6	< 2	5	37	0.16	< 10	< 10	75	< 10	44
21550E 8775W	201 202	< 1	0.01	24	1370	4	< 2	5	34	0.14	< 10	< 10	71	< 10	54
21550E 8800W	201 202	< 1	0.02	20	890	6	< 2	4	32	0.13	< 10	< 10	68	< 10	44
21550E 8825W	201 202	< 1	0.01	22	1440	6	< 2	4	24	0.11	< 10	< 10	60	< 10	76
21550E 8850W	201 202	< 1	0.01	15	510	6	< 2	3	20	0.12	< 10	< 10	56	< 10	38
21550E 8875W	201 202	< 1	0.01	26	130	6	< 2	6	31	0.16	< 10	< 10	66	< 10	50
21550E 8900W	201 202	< 1	0.01	13	1150	6	< 2	3	19	0.09	< 10	< 10	57	< 10	28
21550E 8925W	201 202	< 1	0.01	12	1480	6	< 2	3	19	0.09	< 10	< 10	53	< 10	30
21550E 8950W	201 202	< 1	0.01	13	980	6	< 2	3	26	0.11	< 10	< 10	58	< 10	26
21550E 8975W	201 202	< 1	0.01	12	690	4	< 2	4	31	0.12	< 10	< 10	69	< 10	26
21550E 9000W	201 202	< 1	0.02	12	900	6	< 2	4	31	0.12	< 10	< 10	57	< 10	26
21550E 9025W	201 202	< 1	0.01	11	560	4	< 2	3	31	0.12	< 10	< 10	41	< 10	22
21550E 9050W	201 202	< 1	0.02	14	1010	4	< 2	3	26	0.10	< 10	< 10	54	< 10	24
21550E 9075W	201 202	< 1	0.02	14	1390	4	< 2	4	23	0.09	< 10	< 10	53	<	



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :3-A  
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 Invoice No. :19623744  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21650E 7550W	201 202	< 5	< 0.2	1.80	6	60	< 0.5	< 2	0.39	< 0.5	11	33	15	2.42	< 10	30	0.04	< 10	0.43	140
21650E 7575W	201 202	< 5	< 0.2	1.83	< 2	60	< 0.5	< 2	0.39	< 0.5	10	34	15	2.44	< 10	10	0.05	< 10	0.47	155
21650E 7600W	201 202	< 5	< 0.2	1.70	< 2	60	< 0.5	< 2	0.41	< 0.5	10	42	19	2.05	< 10	30	0.04	< 10	0.50	130
21650E 7625W	201 202	< 5	< 0.2	1.46	< 2	50	< 0.5	< 2	0.41	< 0.5	10	45	16	2.07	< 10	10	0.05	< 10	0.50	160
21650E 7650W	201 202	< 5	< 0.2	2.12	< 2	100	< 0.5	< 2	0.57	< 0.5	12	52	29	2.60	< 10	30	0.05	< 10	0.63	180
21650E 7675W	201 202	< 5	< 0.2	1.61	< 2	60	< 0.5	< 2	0.62	< 0.5	12	59	27	2.57	< 10	< 10	0.04	< 10	0.81	235
21650E 7700W	201 202	< 5	< 0.2	2.25	< 2	120	< 0.5	< 2	0.63	< 0.5	14	56	47	2.87	< 10	< 10	0.09	< 10	0.77	270
21650E 7725W	201 202	< 5	< 0.2	1.39	< 2	60	< 0.5	< 2	0.38	< 0.5	8	38	20	2.03	< 10	< 10	0.04	< 10	0.54	140
21650E 7750W	201 202	< 5	< 0.2	1.74	< 2	60	< 0.5	< 2	0.44	< 0.5	11	44	28	2.43	< 10	10	0.06	< 10	0.67	180
21650E 7775W	201 202	25	< 0.2	1.56	4	60	< 0.5	< 2	0.62	< 0.5	12	55	24	2.72	< 10	10	0.05	< 10	0.80	235
21650E 7800W	201 202	< 5	< 0.2	1.67	2	80	< 0.5	< 2	0.40	< 0.5	10	46	26	2.54	< 10	20	0.05	< 10	0.63	180
21650E 7825W	201 202	< 5	< 0.2	2.31	8	110	< 0.5	< 2	0.35	< 0.5	14	55	41	3.04	< 10	10	0.08	< 10	0.78	270
21650E 7850W	201 202	< 5	< 0.2	2.10	< 2	100	< 0.5	< 2	0.41	< 0.5	12	56	35	2.75	< 10	20	0.07	< 10	0.86	280
21650E 7875W	201 202	< 5	< 0.2	1.97	2	100	< 0.5	< 2	0.38	< 0.5	11	41	40	2.35	< 10	10	0.10	< 10	0.71	175
21650E 7900W	201 202	< 5	< 0.2	2.01	2	70	< 0.5	< 2	0.38	< 0.5	10	46	41	2.38	< 10	10	0.09	< 10	0.68	185
21650E 7925W	201 202	< 5	< 0.2	1.60	6	60	< 0.5	< 2	0.49	< 0.5	12	53	20	2.52	< 10	< 10	0.07	< 10	0.71	230
21650E 7950W	201 202	< 5	< 0.2	1.51	2	70	< 0.5	< 2	0.42	< 0.5	9	30	14	2.03	< 10	< 10	0.06	< 10	0.45	210
21650E 7975W	201 202	< 5	< 0.2	2.65	8	140	< 0.5	< 2	0.55	< 0.5	13	48	56	2.87	< 10	10	0.13	< 10	0.78	315
21650E 8000W	201 202	< 5	< 0.2	3.13	< 2	170	< 0.5	< 2	0.75	< 0.5	17	58	107	3.61	< 10	40	0.26	< 10	1.04	545
21650E 8025W	201 202	< 5	< 0.2	3.27	< 2	180	< 0.5	< 2	0.67	< 0.5	16	56	66	3.54	< 10	50	0.24	< 10	0.92	570
21650E 8050W	201 202	< 5	< 0.2	2.39	2	130	< 0.5	< 2	0.30	< 0.5	14	45	37	2.87	< 10	10	0.10	< 10	0.58	435
21650E 8075W	201 202	< 5	< 0.2	3.08	4	140	< 0.5	< 2	0.56	< 0.5	15	46	62	3.21	< 10	10	0.17	< 10	0.71	265
21650E 8100W	201 202	< 5	< 0.2	4.86	< 2	220	< 0.5	< 2	1.31	< 0.5	21	67	309	4.72	< 10	60	0.33	< 10	1.02	665
21650E 8125W	201 202	< 5	< 0.2	3.98	2	140	< 0.5	< 2	0.60	< 0.5	19	53	135	3.66	< 10	30	0.14	< 10	0.94	315
21650E 8150W	201 202	< 5	< 0.2	2.65	< 2	140	< 0.5	< 2	0.83	< 0.5	18	62	550	2.71	< 10	30	0.09	< 10	0.73	370
21650E 8175W	201 202	< 5	< 0.2	2.27	8	120	< 0.5	< 2	0.46	< 0.5	15	32	359	2.28	< 10	10	0.05	< 10	0.46	240
21650E 8200W	201 202	< 5	< 0.2	2.60	4	110	< 0.5	< 2	0.53	< 0.5	20	32	273	2.83	< 10	10	0.07	< 10	0.53	260
21650E 8225W	201 202	40	< 0.2	2.72	< 2	120	< 0.5	< 2	0.66	< 0.5	19	55	64	3.77	< 10	20	0.05	< 10	0.97	365
21650E 8250W	201 202	< 5	< 0.2	2.41	6	120	< 0.5	< 2	0.62	< 0.5	16	42	42	3.68	< 10	10	0.07	< 10	0.77	335
21650E 8275W	201 202	< 5	< 0.2	2.52	6	160	< 0.5	< 2	0.48	< 0.5	13	31	38	3.11	< 10	30	0.08	< 10	0.53	270
21650E 8300W	201 202	< 5	< 0.2	2.58	6	120	< 0.5	< 2	0.62	< 0.5	15	32	86	2.82	< 10	10	0.09	< 10	0.51	220
21650E 8325W	201 202	< 5	< 0.2	2.45	8	110	< 0.5	< 2	1.45	< 0.5	14	41	894	3.05	< 10	60	0.10	< 10	0.63	565
21650E 8350W	201 202	< 5	< 0.2	2.61	4	90	< 0.5	< 2	0.71	< 0.5	12	35	84	2.82	< 10	10	0.08	< 10	0.49	195
21650E 8375W	201 202	< 5	< 0.2	1.99	< 2	50	< 0.5	< 2	0.63	< 0.5	17	50	40	3.73	< 10	10	0.07	< 10	0.79	240
21650E 8400W	201 202	< 5	< 0.2	1.97	< 2	50	< 0.5	< 2	0.52	< 0.5	9	12	26	1.78	< 10	10	0.05	< 10	0.17	150
21650E 8425W	201 202	< 5	< 0.2	1.38	2	50	< 0.5	< 2	3.86	< 0.5	8	14	220	1.25	< 10	80	0.03	< 10	0.26	315
21650E 8450W	201 202	< 5	< 0.2	1.66	< 2	90	< 0.5	< 2	3.39	< 0.5	12	17	41	2.03	< 10	< 10	0.06	< 10	0.23	455
21650E 8475W	201 202	< 5	< 0.2	2.24	8	80	< 0.5	< 2	0.31	< 0.5	12	31	22	2.56	< 10	10	0.04	< 10	0.55	315
21650E 8500W	201 202	< 5	< 0.2	2.29	< 2	100	< 0.5	< 2	0.44	< 0.5	14	41	44	3.03	< 10	< 10	0.06	< 10	0.74	280
21650E 8525W	201 202	< 5	< 0.2	2.65	8	140	< 0.5	< 2	0.25	< 0.5	12	29	33	2.59	< 10	40	0.05	< 10	0.49	370

CERTIFICATION: *Hart Buehler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :3-B  
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## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Mo ppm	Nb %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21650E 7580W	201 202	< 1	0.01	17	890	6	< 2	3	25	0.14	< 10	< 10	73	< 10	24
21650E 7575W	201 202	< 1	0.01	17	1060	2	< 2	3	26	0.13	< 10	< 10	69	< 10	24
21650E 7600W	201 202	< 1	0.01	23	550	4	< 2	3	31	0.16	< 10	< 10	55	< 10	20
21650E 7625W	201 202	< 1	0.01	23	310	6	< 2	3	20	0.15	< 10	< 10	59	< 10	22
21650E 7650W	201 202	< 1	0.01	31	560	4	< 2	4	32	0.15	< 10	< 10	69	< 10	26
21650E 7675W	201 202	< 1	< 0.01	30	560	2	< 2	4	32	0.15	< 10	< 10	77	< 10	28
21650E 7700W	201 202	< 1	0.01	37	280	4	< 2	5	32	0.13	< 10	< 10	71	< 10	32
21650E 7725W	201 202	< 1	< 0.01	20	200	4	< 2	3	20	0.13	< 10	< 10	59	< 10	24
21650E 7750W	201 202	< 1	< 0.01	23	330	4	< 2	4	25	0.15	< 10	< 10	69	< 10	30
21650E 7775W	201 202	< 1	< 0.01	24	250	4	< 2	4	37	0.22	< 10	< 10	92	< 10	30
21650E 7800W	201 202	< 1	0.01	24	370	2	< 2	4	24	0.15	< 10	< 10	70	< 10	32
21650E 7825W	201 202	< 1	0.01	34	640	4	< 2	5	23	0.14	< 10	< 10	73	< 10	36
21650E 7850W	201 202	< 1	0.01	38	370	4	< 2	4	25	0.14	< 10	< 10	68	< 10	32
21650E 7875W	201 202	< 1	0.02	28	320	2	< 2	4	24	0.13	< 10	< 10	54	< 10	26
21650E 7900W	201 202	< 1	0.02	30	320	2	< 2	4	23	0.14	< 10	< 10	58	< 10	26
21650E 7925W	201 202	< 1	< 0.01	27	910	2	< 2	4	29	0.17	< 10	< 10	73	< 10	26
21650E 7950W	201 202	< 1	0.01	15	950	4	< 2	3	29	0.12	< 10	< 10	54	< 10	28
21650E 7975W	201 202	< 1	0.03	31	330	4	< 2	6	36	0.17	< 10	< 10	68	< 10	30
21650E 8000W	201 202	< 1	0.03	39	450	2	< 2	8	43	0.16	< 10	< 10	84	< 10	40
21650E 8025W															



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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21650E 8550W	201 202	< 5	0.2	1.98	2	80	< 0.5	2	0.22	< 0.5	12	25	28	2.09	< 10	20	0.04	< 10	0.30	180
21650E 8575W	201 202	< 5	0.2	2.96	12	90	< 0.5	2	0.32	< 0.5	13	34	34	2.67	< 10	30	0.05	< 10	0.54	270
21650E 8600W	201 202	< 5	0.2	2.08	< 2	120	< 0.5	2	0.37	< 0.5	12	38	27	2.55	< 10	< 10	0.05	< 10	0.52	305
21650E 8625W	201 202	< 5	0.2	2.07	8	100	< 0.5	2	0.34	< 0.5	13	37	28	2.54	< 10	< 10	0.05	< 10	0.50	250
21650E 8650W	201 202	< 5	0.2	1.91	< 2	90	< 0.5	2	0.48	< 0.5	9	25	31	1.99	< 10	< 10	0.04	< 10	0.31	195
21650E 8675W	201 202	< 5	0.2	2.09	2	90	< 0.5	2	0.28	< 0.5	12	32	25	2.30	< 10	< 10	0.05	< 10	0.42	255
21650E 8700W	201 202	< 5	0.2	2.04	10	140	< 0.5	2	0.34	< 0.5	12	40	26	2.64	< 10	< 10	0.06	< 10	0.48	315
21650E 8725W	201 202	< 5	0.2	1.95	< 2	130	< 0.5	2	0.43	< 0.5	11	34	22	2.48	< 10	< 10	0.07	< 10	0.44	360
21650E 8750W	201 202	< 5	0.2	1.72	8	80	< 0.5	2	0.32	< 0.5	10	29	26	2.25	< 10	< 10	0.06	< 10	0.32	235
21650E 8775W	201 202	< 5	0.2	1.78	< 2	70	< 0.5	2	0.51	< 0.5	13	47	22	2.77	< 10	< 10	0.10	< 10	0.60	275
21650E 8800W	201 202	< 5	0.2	2.25	< 2	130	< 0.5	2	0.41	< 0.5	12	36	23	2.62	< 10	< 10	0.10	< 10	0.45	480
21650E 8825W	201 202	< 5	0.2	1.57	10	120	< 0.5	2	0.29	< 0.5	7	22	14	2.05	< 10	< 10	0.05	< 10	0.29	335
21650E 8850W	201 202	< 5	0.2	1.71	2	130	< 0.5	2	0.32	< 0.5	9	24	15	2.17	< 10	< 10	0.06	< 10	0.35	175
21650E 8875W	201 202	< 5	0.2	1.53	4	90	< 0.5	2	0.54	< 0.5	13	39	28	3.02	< 10	< 10	0.08	< 10	0.64	255
21650E 8900W	201 202	< 5	0.2	2.12	10	220	< 0.5	2	0.41	< 0.5	9	28	21	2.46	< 10	< 10	0.10	< 10	0.43	240
21650E 8925W	201 202	< 5	0.2	1.82	10	140	< 0.5	2	0.38	< 0.5	9	26	16	2.28	< 10	< 10	0.09	< 10	0.33	300
21650E 8950W	201 202	< 5	0.2	1.55	< 2	120	< 0.5	2	0.42	< 0.5	7	24	14	2.05	< 10	< 10	0.07	< 10	0.31	210
21650E 8975W	201 202	< 5	0.2	2.25	6	170	< 0.5	2	0.39	< 0.5	8	29	22	2.25	< 10	< 10	0.08	< 10	0.38	325
21650E 9000W	201 202	< 5	0.2	1.67	8	160	< 0.5	2	0.35	< 0.5	7	24	19	1.95	< 10	< 10	0.08	< 10	0.30	460
21650E 9025W	201 202	< 5	0.2	1.38	6	110	< 0.5	2	0.33	< 0.5	9	29	13	2.19	< 10	< 10	0.06	< 10	0.37	160
21650E 9050W	201 202	< 5	0.2	1.47	14	170	< 0.5	2	0.33	< 0.5	7	20	11	1.64	< 10	< 10	0.08	< 10	0.26	200
21650E 9075W	201 202	< 5	0.2	1.58	6	90	< 0.5	2	0.59	< 0.5	9	39	19	2.51	< 10	< 10	0.09	< 10	0.55	235
21650E 9100W	201 202	< 5	0.2	1.46	14	90	< 0.5	2	0.50	< 0.5	7	29	12	2.05	< 10	< 10	0.11	< 10	0.38	190
21650E 9125W	201 202	< 5	0.2	1.47	2	110	< 0.5	2	0.40	< 0.5	7	25	14	2.26	< 10	< 10	0.10	< 10	0.33	170
21650E 9150W	201 202	< 5	0.2	1.61	2	110	< 0.5	2	1.39	< 0.5	7	29	17	2.11	< 10	< 10	0.11	< 10	0.38	285
21650E 9175W	201 202	< 5	0.2	1.22	6	130	< 0.5	2	0.36	< 0.5	7	26	13	1.95	< 10	< 10	0.07	< 10	0.29	730
21650E 9200W	201 202	< 5	0.2	1.43	2	100	< 0.5	2	0.63	< 0.5	8	31	16	2.34	< 10	< 10	0.09	< 10	0.43	295
21650E 9225W	201 202	< 5	0.2	1.60	< 2	100	< 0.5	2	0.61	< 0.5	12	43	31	2.87	< 10	< 10	0.11	< 10	0.74	270
21650E 9250W	201 202	< 5	0.2	2.06	< 2	130	< 0.5	2	0.34	< 0.5	11	29	24	2.47	< 10	< 10	0.06	< 10	0.41	420
21650E 9275W	201 202	< 5	0.2	1.78	< 2	140	< 0.5	2	0.40	< 0.5	11	27	17	2.47	< 10	< 10	0.07	< 10	0.35	490
21650E 9300W	201 202	< 5	0.2	1.37	2	90	< 0.5	2	0.60	< 0.5	9	35	19	2.69	< 10	< 10	0.11	< 10	0.45	330
21650E 9325W	201 202	< 5	0.2	1.52	2	110	< 0.5	2	1.87	< 0.5	11	36	330	2.30	< 10	< 10	0.08	< 10	0.63	420
21650E 9350W	201 202	< 5	0.2	1.68	10	140	< 0.5	2	0.50	< 0.5	10	31	18	2.49	< 10	< 10	0.16	< 10	0.49	250

CERTIFICATION: *Hart Beckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LEONARD SALEKEN CC:GRANT CROOKER

Page Number :4-B  
Total Pages :4  
Certificate Date: 17-JUL-96  
Invoice No. :19623744  
P.O. Number :  
Account :LOY

## CERTIFICATE OF ANALYSIS A9623744

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21650E 8550W	201 202	< 1	0.03	17	870	2	4	2	25	0.13	< 10	< 10	49	< 10	40
21650E 8575W	201 202	< 1	0.02	20	1110	6	6	4	26	0.15	< 10	< 10	49	< 10	44
21650E 8600W	201 202	< 1	0.01	19	1500	4	2	4	27	0.11	< 10	< 10	45	< 10	38
21650E 8625W	201 202	< 1	0.02	19	1510	2	6	4	25	0.11	< 10	< 10	43	< 10	46
21650E 8650W	201 202	< 1	0.05	19	230	< 2	6	4	20	0.10	< 10	< 10	47	< 10	26
21650E 8675W	201 202	< 1	0.03	18	820	4	< 2	3	17	0.11	< 10	< 10	55	< 10	36
21650E 8700W	201 202	< 1	0.02	20	1820	2	< 2	4	23	0.10	< 10	< 10	63	< 10	44
21650E 8725W	201 202	< 1	0.01	16	510	2	< 2	3	29	0.14	< 10	< 10	47	< 10	40
21650E 8750W	201 202	< 1	0.01	17	560	< 2	6	3	19	0.11	< 10	< 10	59	< 10	30
21650E 8775W	201 202	< 1	< 0.01	19	430	2	< 2	5	31	0.15	< 10	< 10	76	< 10	28
21650E 8800W	201 202	< 1	0.01	21	700	< 2	< 2	4	25	0.12	< 10	< 10	46	< 10	32
21650E 8825W	201 202	< 1	0.01	11	1080	6	4	3	17	0.09	< 10	< 10	52	< 10	22
21650E 8850W	201 202	< 1	0.01	12	1150	< 2	2	3	17	0.09	< 10	< 10	54	< 10	26
21650E 8875W	201 202	< 1	< 0.01	15	800	2	< 2	5	30	0.12	< 10	< 10	85	< 10	30
21650E 8900W	201 202	< 1	0.01	15	1560	2	2	4	25	0.09	< 10	< 10	56	< 10	28
21650E 8925W	201 202	< 1	0.02	12	1180	2	< 2	4	27	0.11	< 10	< 10	82	< 10	28
21650E 8950W	201 202	< 1	0.02	10	1080	2	4	3	34	0.11	< 10	< 10	55	< 10	22
21650E 8975W	201 202	< 1	0.02	17	2440	2	2	4	27	0.10	< 10	< 10	55	< 10	34
21650E 9000W	201 202	< 1	0.02	14	1270	2	2	4	24	0.09	< 10	< 10	49	< 10	36
21650E 9025W	201 202	< 1	0.01	12	770	2	< 2	3	20	0.09	< 10	< 10	59	< 10	24
21650E 9050W	201 202	< 1	0.01	12	1560	2	< 2	2	17	0.07	< 10	< 10	39	< 10	32
21650E 9075W	201 202	< 1	0.01	16	510	6	< 2	4	35	0.15	< 10	< 10	74	< 10	26
21650E 9100W	201 202	< 1	0.01	11	220	6	4	3	33	0.15	< 10	< 10	72	< 10	28
21650E 9125W	201 202	2	0.01	12	870	6	2	3	26	0.10	< 10	< 10	50	< 10	22
21650E 9150W	201 202	< 1	0.02	12	800	6	< 2	3	34	0.11	< 10	< 10	58	< 10	28
21650E 9175W	201 202	< 1	0.01	9	720	2	< 2	3	24	0.09	< 10	< 10	56	< 10	28
21650E 9200W	201 202	< 1	0.01	11	300	6	4	3	32	0.14	< 10	< 10	72	< 10	26
21650E 9225W	201 202	< 1	< 0.01	19	940	2	< 2	6	36	0.12	< 10	< 10	81	< 10	32
21650E 9250W	201 202	< 1	0.02	16	1100	2	4	3	24	0.12	< 10	< 10	67	< 10	50
21650E 9275W	201 202	< 1	0.02	12	1960	2	< 2	3	29	0.10	< 10	< 10	62	< 10	42
21650E 9300W	201 202	< 1	0.01	12											





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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date: 26-JUL-98  
 Invoice No. : 19623227  
 P.O. Number :  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	Au ppb FAAA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Bg ppb	K %	La ppm	Mg %	Mn ppm	
10450E 10050W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10075W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10100W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10125W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10150W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10175W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10200W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10225W	201	202	< 5	< 0.2	2.48	< 2	200	< 0.5	2	1.40	< 0.5	15	40	57	3.56	< 10	30	0.40	< 10	1.02	880
10450E 10250W	201	202	< 5	< 0.2	2.64	6	230	< 0.5	2	1.86	< 0.5	15	42	70	3.85	< 10	60	0.30	< 10	1.12	870
10450E 10300W	201	202	< 5	< 0.2	2.38	< 2	200	< 0.5	2	1.70	< 0.5	14	40	58	3.64	< 10	50	0.29	< 10	0.90	765
10450E 10325W	201	202	< 5	< 0.2	2.48	< 2	210	< 0.5	4	1.41	< 0.5	14	41	56	3.63	< 10	50	0.34	< 10	0.92	930
10450E 10350W	201	202	< 5	< 0.2	3.04	12	240	< 0.5	2	1.30	< 0.5	12	37	55	3.42	< 10	10	0.32	< 10	1.00	520
10450E 10375W	201	202	< 5	< 0.2	2.44	2	190	< 0.5	2	1.27	< 0.5	12	36	46	3.15	< 10	10	0.28	< 10	0.67	740
10450E 10400W	201	202	< 5	< 0.2	2.62	2	250	< 0.5	2	1.05	< 0.5	12	37	33	3.63	< 10	30	0.27	< 10	0.66	800
10450E 10425W	201	202	< 5	< 0.2	2.29	< 2	220	< 0.5	< 2	1.13	< 0.5	12	34	31	3.10	< 10	30	0.29	< 10	0.61	925
10450E 10450W	201	202	< 5	< 0.2	2.37	2	190	< 0.5	2	1.35	< 0.5	12	37	50	3.56	< 10	30	0.27	< 10	0.73	865
10450E 10475W	201	202	< 5	< 0.2	2.55	2	190	< 0.5	2	1.24	< 0.5	14	39	46	3.56	< 10	10	0.25	< 10	0.71	935
10450E 10500W	201	202	< 5	< 0.2	2.20	2	210	< 0.5	< 2	1.23	< 0.5	13	38	40	3.49	< 10	30	0.28	< 10	0.72	880
10450E 10525W	201	202	< 5	< 0.2	2.29	2	170	< 0.5	< 2	1.08	< 0.5	12	38	33	3.59	< 10	10	0.20	< 10	0.65	755
10450E 10550W	201	202	< 5	< 0.2	2.24	< 2	180	< 0.5	< 2	1.09	< 0.5	13	37	37	3.51	< 10	20	0.26	< 10	0.65	865
10450E 10575W	201	202	< 5	< 0.2	2.36	6	170	< 0.5	< 2	1.07	< 0.5	14	39	44	3.67	< 10	10	0.26	< 10	0.72	845
10450E 10600W	201	202	< 5	< 0.2	2.26	4	150	< 0.5	2	0.93	< 0.5	11	36	34	3.39	< 10	10	0.22	< 10	0.60	600
10450E 10625W	201	202	< 5	< 0.2	2.17	< 2	180	< 0.5	2	0.94	< 0.5	9	33	28	3.31	< 10	10	0.21	< 10	0.56	760
10450E 10650W	201	202	< 5	< 0.2	2.15	4	140	< 0.5	2	0.90	< 0.5	9	33	23	3.24	< 10	10	0.16	< 10	0.54	100
10450E 10675W	201	202	< 5	< 0.2	2.31	< 2	160	< 0.5	2	1.12	< 0.5	12	39	38	3.65	< 10	20	0.20	< 10	0.67	660
10450E 10700W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10725W	201	202	< 5	< 0.2	2.22	< 2	180	< 0.5	2	0.94	< 0.5	10	33	27	3.34	< 10	10	0.21	< 10	0.55	590
10450E 10750W	201	202	< 5	< 0.2	2.08	< 2	150	< 0.5	< 2	0.81	< 0.5	9	33	24	3.13	< 10	< 10	0.21	< 10	0.48	525
10450E 10775W	201	202	< 5	< 0.2	1.74	2	140	< 0.5	< 2	0.81	< 0.5	10	30	24	2.89	< 10	< 10	0.20	< 10	0.50	625
10450E 10800W	201	202	< 5	< 0.2	1.96	4	190	< 0.5	< 2	0.90	< 0.5	11	31	25	3.01	< 10	10	0.21	< 10	0.50	815
10450E 10825W	201	202	< 5	< 0.2	2.04	< 2	170	< 0.5	< 2	0.91	< 0.5	10	34	32	3.22	< 10	10	0.23	< 10	0.58	505
10450E 10850W	201	202	< 5	< 0.2	2.17	< 2	170	< 0.5	< 2	0.90	< 0.5	12	34	31	3.37	< 10	20	0.24	< 10	0.59	680
10450E 10875W	201	202	< 5	< 0.2	2.27	2	200	< 0.5	< 2	1.06	< 0.5	13	34	33	3.31	< 10	10	0.28	< 10	0.58	890
10450E 10900W	201	202	< 5	< 0.2	2.42	< 2	190	< 0.5	2	0.88	< 0.5	10	33	28	3.39	< 10	10	0.25	< 10	0.50	540
10450E 10925W	201	202	< 5	< 0.2	2.06	< 2	220	< 0.5	< 2	0.77	< 0.5	10	30	24	3.10	< 10	20	0.25	< 10	0.49	830
10450E 10950W	201	202	< 5	< 0.2	1.98	2	210	< 0.5	< 2	1.03	< 0.5	13	34	38	3.41	< 10	10	0.22	< 10	0.63	840
10450E 10975W	201	202	< 5	< 0.2	2.49	< 2	250	< 0.5	2	1.05	< 0.5	12	35	41	3.58	< 10	20	0.25	< 10	0.61	880
10450E 11000W	201	202	< 5	< 0.2	2.15	< 2	210	< 0.5	2	0.99	< 0.5	12	31	34	3.13	< 10	10	0.25	< 10	0.54	940
10450E 11025W	201	202	< 5	< 0.2	2.35	< 2	180	< 0.5	2	1.13	< 0.5	14	35	38	3.47	< 10	30	0.15	< 10	0.63	765

CERTIFICATION: *Heidi Beckler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number : 1-B  
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 Invoice No. : 19623227  
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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm	
10450E 10050W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10075W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10100W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10125W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10150W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10175W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10200W	--	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	NotRcd	
10450E 10225W	201	202	1	0.01	22	1500	4	6	7	91	0.14	< 10	< 10	91	< 10	42
10450E 10250W	201	202	1	0.03	18	1050	2	8	9	111	0.18	< 10	< 10	107	< 10	54
10450E 10275W	201	202	< 1	0.01	20	1050	2	14	10	107	0.18	< 10	< 10	121	< 10	56
10450E 10300W	201	202	1	0.01	18	950	2	6	9	99	0.18	< 10	< 10	114	< 10	48
10450E 10325W	201	202	1	0.02	18	920	2	10	9	96	0.19	< 10	< 10	107	< 10	68
10450E 10350W	201	202	< 1	0.03	16	680	2	10	9	113	0.18	< 10	< 10	96	< 10	60
10450E 10375W	201	202	< 1	0.02	14	770	2	4	8	77	0.19	< 10	< 10	107	< 10	52
10450E 10400W	201	202	< 1	0.01	13	540	2	8	8	76	0.21	< 10	< 10	111	< 10	52
10450E 10425W	201	202	< 1	0.01	13	610	2	8	7	74	0.19	< 10	< 10	103	< 10	72
10450E 10450W	201	202	< 1	0.01	15	780	2	6	8	78	0.19	< 10	< 10	112	< 10	56
10450E 10475W	201	202	< 1	0.01	15	570	2	10	9	82	0.20	< 10	< 10	115	< 10	50
10450E 10500W	201	202	< 1	< 0.01	15	650	2	8	8	89	0.19	< 10	< 10	115	< 10	58
10450E 10525W	201	202	< 1	0.01	12	440	2	10	8	84	0.23	< 10	< 10	124	< 10	48
10450E 10550W	201	202	< 1	< 0.01	15	430	2	8								





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SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Pb %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18450E 11050W	201 202	< 5	< 0.2	1.77	< 2	190	< 0.5	2	0.88	< 0.5	11	29	27	2.71	< 10	10	0.13	< 10	0.48	730
18450E 11075W	201 202	< 5	< 0.2	2.25	< 2	180	< 0.5	2	1.07	< 0.5	14	33	40	3.35	< 10	50	0.15	< 10	0.63	775
18450E 11100W	201 202	10	< 0.2	2.00	< 2	150	< 0.5	2	1.02	< 0.5	13	32	33	3.21	< 10	50	0.13	< 10	0.56	675
18450E 11125W	201 202	5	< 0.2	1.39	< 2	160	< 0.5	2	0.67	< 0.5	9	23	16	2.42	< 10	10	0.16	< 10	0.35	870
18450E 11150W	201 202	< 5	< 0.2	1.63	< 2	110	< 0.5	2	1.59	< 0.5	8	27	24	2.80	< 10	10	0.15	< 10	0.56	430
19350E 07575W	201 202	< 5	< 0.2	2.05	< 2	120	< 0.5	2	0.97	< 0.5	10	45	21	2.83	< 10	20	0.17	< 10	0.62	490
19350E 07600W	201 202	< 5	< 0.2	1.85	< 2	90	< 0.5	2	0.71	< 0.5	7	37	12	2.36	< 10	< 10	0.13	< 10	0.45	255
19350E 07625W	201 202	< 5	< 0.2	2.51	< 2	90	< 0.5	2	1.17	< 0.5	8	36	26	2.75	< 10	10	0.11	< 10	0.56	245
19350E 07650W	201 202	< 5	< 0.2	1.45	< 2	60	< 0.5	2	0.62	< 0.5	7	41	13	2.36	< 10	< 10	0.08	< 10	0.49	200
19350E 07675W	201 202	< 5	< 0.2	2.03	< 2	100	< 0.5	2	0.64	< 0.5	10	38	18	2.55	< 10	< 10	0.14	< 10	0.53	545
19350E 07700W	201 202	< 5	< 0.2	2.15	< 2	110	< 0.5	2	1.08	< 0.5	9	29	39	2.78	< 10	10	0.15	< 10	0.59	705
19350E 07725W	201 202	< 5	< 0.2	1.54	< 2	70	< 0.5	2	0.75	< 0.5	10	48	13	2.62	< 10	< 10	0.20	< 10	0.59	395
19350E 07750W	201 202	< 5	< 0.2	1.53	< 2	80	< 0.5	8	1.07	< 0.5	10	40	20	2.82	< 10	20	0.21	< 10	0.69	530
19350E 07775W	201 202	10	< 0.2	2.03	< 2	120	< 0.5	2	0.67	< 0.5	8	37	18	2.63	< 10	10	0.17	< 10	0.54	295
19350E 07800W	201 202	< 5	< 0.2	1.83	< 2	150	< 0.5	2	0.77	< 0.5	8	39	15	2.72	< 10	10	0.14	< 10	0.50	645
19350E 07825W	201 202	< 5	< 0.2	1.81	< 2	100	< 0.5	2	0.77	< 0.5	8	38	14	2.62	< 10	< 10	0.14	< 10	0.51	320
19350E 07850W	201 202	< 5	< 0.2	1.56	< 2	150	< 0.5	2	0.67	< 0.5	7	36	12	2.27	< 10	< 10	0.11	< 10	0.43	490
19350E 07875W	201 202	< 5	< 0.2	1.78	< 2	120	< 0.5	2	0.65	< 0.5	9	46	16	2.63	< 10	20	0.13	< 10	0.59	500
19350E 07900W	201 202	< 5	< 0.2	1.21	< 2	120	< 0.5	2	0.62	< 0.5	7	32	12	2.00	< 10	< 10	0.09	< 10	0.41	960
19350E 07925W	201 202	< 5	< 0.2	1.66	< 2	140	< 0.5	2	0.82	< 0.5	11	53	22	2.67	< 10	10	0.19	< 10	0.61	545
19350E 07950W	201 202	< 5	< 0.2	1.65	< 2	100	< 0.5	2	0.62	< 0.5	7	44	13	2.83	< 10	20	0.13	< 10	0.45	360
19350E 07975W	201 202	< 5	< 0.2	1.36	< 2	130	< 0.5	4	0.48	< 0.5	7	36	10	2.16	< 10	10	0.10	< 10	0.44	480
19350E 08000W	201 202	< 5	< 0.2	1.33	< 2	100	< 0.5	2	0.48	< 0.5	8	37	15	2.34	< 10	< 10	0.10	< 10	0.51	225
19350E 08025W	201 202	< 5	< 0.2	1.28	< 2	130	< 0.5	2	0.52	< 0.5	6	29	11	2.03	< 10	20	0.16	< 10	0.40	295
19350E 08050W	201 202	< 5	< 0.2	1.59	< 2	110	< 0.5	2	0.39	< 0.5	7	28	11	2.09	< 10	< 10	0.09	< 10	0.44	280
19350E 08075W	201 202	< 5	< 0.2	1.25	< 2	100	< 0.5	2	0.40	< 0.5	6	24	9	1.81	< 10	< 10	0.09	< 10	0.35	380
19350E 08100W	201 202	< 5	< 0.2	1.18	< 2	90	< 0.5	2	0.46	< 0.5	7	34	10	1.99	< 10	10	0.09	< 10	0.47	505
19350E 08125W	201 202	< 5	< 0.2	1.80	< 2	210	< 0.5	2	0.50	< 0.5	11	84	15	2.30	< 10	< 10	0.14	< 10	0.95	845
19350E 08150W	201 202	< 5	< 0.2	2.22	< 2	260	< 0.5	2	0.60	< 0.5	19	150	33	3.08	< 10	30	0.20	< 10	2.13	620
19350E 08220W	201 202	< 5	< 0.2	1.60	< 2	140	< 0.5	2	0.73	< 0.5	11	43	20	2.63	< 10	30	0.15	< 10	0.66	410
19350E 08225W	201 202	< 5	< 0.2	1.75	< 2	180	< 0.5	6	0.86	< 0.5	16	63	34	3.12	< 10	10	0.27	< 10	0.95	725
19350E 08250W	201 202	< 5	< 0.2	1.92	< 2	150	< 0.5	2	0.82	< 0.5	9	27	19	2.74	< 10	10	0.18	< 10	0.51	560
19350E 08275W	201 202	< 5	< 0.2	1.74	< 2	150	< 0.5	2	0.68	< 0.5	7	25	16	2.45	< 10	10	0.15	< 10	0.41	625
19350E 08300W	201 202	< 5	< 0.2	1.48	< 2	120	< 0.5	2	0.65	< 0.5	7	25	11	2.17	< 10	10	0.11	< 10	0.38	455
19350E 08325W	201 202	< 5	< 0.2	1.63	< 2	150	< 0.5	2	0.88	< 0.5	8	30	18	2.42	< 10	10	0.13	< 10	0.47	960
19350E 08350W	201 202	10	< 0.2	1.81	< 2	130	< 0.5	6	0.67	< 0.5	7	29	15	2.42	< 10	10	0.14	< 10	0.41	570
19350E 08375W	201 202	< 5	< 0.2	1.80	< 2	130	< 0.5	2	0.71	< 0.5	8	29	18	2.48	< 10	10	0.16	< 10	0.46	520
19350E 08400W	201 202	< 5	< 0.2	1.78	< 2	110	< 0.5	2	0.57	< 0.5	8	32	19	2.61	< 10	< 10	0.10	< 10	0.50	205
19350E 08425W	201 202	< 5	< 0.2	1.88	< 2	140	< 0.5	6	0.84	< 0.5	9	35	21	2.79	< 10	< 10	0.13	< 10	0.60	585
19350E 08450W	201 202	< 5	< 0.2	2.35	< 2	160	< 0.5	2	0.56	< 0.5	9	33	20	2.78	< 10	10	0.15	< 10	0.52	420

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :2-B  
 Total Pages :5  
 Certificate Date: 26-JUL-96  
 Invoice No. :19623227  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18450E 11050W	201 202	< 1	< 0.01	10	280	2	< 2	8	67	0.14	< 10	< 10	87	< 10	36
18450E 11075W	201 202	< 1	< 0.01	11	640	2	< 2	10	67	0.13	< 10	< 10	102	< 10	44
18450E 11100W	201 202	< 1	< 0.01	11	310	< 2	< 2	9	59	0.12	< 10	< 10	97	< 10	38
18450E 11125W	201 202	< 1	< 0.01	8	360	2	< 2	5	40	0.14	< 10	< 10	76	< 10	54
18450E 11150W	201 202	< 1	< 0.03	8	350	2	< 2	6	91	0.16	< 10	< 10	92	< 10	30
19350E 07575W	201 202	< 1	< 0.03	18	570	2	< 2	6	69	0.18	< 10	< 10	83	< 10	50
19350E 07600W	201 202	< 1	< 0.03	13	160	< 2	< 2	4	48	0.16	< 10	< 10	70	< 10	32
19350E 07625W	201 202	< 1	< 0.04	16	210	2	< 2	6	53	0.17	< 10	< 10	75	< 10	30
19350E 07650W	201 202	< 1	< 0.01	14	260	< 2	< 2	4	42	0.17	< 10	< 10	75	< 10	30
19350E 07675W	201 202	< 1	< 0.01	19	550	2	< 2	5	40	0.15	< 10	< 10	71	< 10	38
19350E 07700W	201 202	< 1	< 0.01	16	310	2	< 2	6	58	0.16	< 10	< 10	83	< 10	36
19350E 07725W	201 202	< 1	< 0.01	16	370	2	< 2	5	51	0.21	< 10	< 10	83	< 10	30
19350E 07750W	201 202	< 1	< 0.01	14	520	2	< 2	6	81	0.19	< 10	< 10	94	< 10	34
19350E 07775W	201 202	< 1	< 0.01	14	680	2	< 2	6	52	0.16	< 10	< 10	77	< 10	38
19350E 07800W	201 202	< 1	< 0.01	13	400	< 2	< 2	6	53	0.19	< 10	< 10	84	< 10	46
19350E 07825W	201 202	< 1	< 0.01	12	240	2	< 2	5	57	0.21	< 10	< 10	85	< 10	38
19350E 07850W	201 202	< 1	< 0.01	13	560	2	< 2	4	49	0.16	< 10	< 10	67	< 10	38
19350E 07875W	201 202	< 1	< 0.01	17	620	2	< 2	5	50	0.17	< 10	< 10	80	< 10	44
19350E 07900W	201 202	< 1	< 0.01	13	420	2	< 2	4	44	0.14	< 10	< 10			



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SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19350E 08475W	201 202	< 5	< 0.2	2.22	< 2	220	< 0.5	< 2	0.61	< 0.5	9	28	18	2.41	< 10	30	0.14	< 10	0.44	705
19350E 08500W	201 202	20	< 0.2	2.00	< 2	150	< 0.5	< 2	0.57	< 0.5	9	35	19	2.74	< 10	30	0.11	< 10	0.47	565
19350E 08525W	201 202	10	< 0.2	1.88	< 2	110	< 0.5	< 2	0.69	< 0.5	9	39	19	2.86	< 10	10	0.14	< 10	0.51	409
19350E 08550W	201 202	< 5	< 0.2	1.72	< 2	130	< 0.5	< 2	0.59	< 0.5	8	33	15	2.51	< 10	10	0.12	< 10	0.47	535
19350E 08575W	201 202	< 5	< 0.2	1.84	< 2	120	< 0.5	8	0.71	< 0.5	8	31	16	2.56	< 10	10	0.13	< 10	0.52	510
19350E 08600W	201 202	< 5	< 0.2	2.17	< 2	130	< 0.5	< 2	0.90	< 0.5	10	41	24	2.94	< 10	20	0.15	< 10	0.66	570
19350E 08625W	201 202	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted
19350E 08650W	201 202	15	< 0.2	2.22	< 2	130	< 0.5	< 2	0.93	< 0.5	13	50	22	3.05	< 10	10	0.19	< 10	0.80	665
19350E 08675W	201 202	< 5	< 0.2	2.35	< 2	140	< 0.5	< 2	0.76	< 0.5	10	46	18	2.78	< 10	20	0.14	< 10	0.67	750
19350E 08700W	201 202	< 5	< 0.2	2.65	< 2	130	< 0.5	< 2	0.97	< 0.5	10	42	23	2.80	< 10	20	0.12	< 10	0.66	765
19350E 08725W	201 202	< 5	< 0.2	3.05	< 2	150	< 0.5	< 2	1.19	< 0.5	10	48	51	3.54	< 10	30	0.17	< 10	0.80	390
19350E 08750W	201 202	< 5	< 0.2	2.76	< 2	130	< 0.5	< 2	1.44	< 0.5	10	37	90	3.12	< 10	50	0.16	< 10	0.91	545
19350E 08775W	201 202	< 5	< 0.2	2.43	< 2	110	< 0.5	< 2	1.28	< 0.5	15	45	50	3.74	< 10	30	0.19	< 10	1.14	715
19350E 08825W	201 202	< 5	< 0.2	2.29	< 2	150	< 0.5	< 2	1.11	< 0.5	15	48	57	3.57	< 10	20	0.32	< 10	0.88	720
19350E 08850W	201 202	< 5	< 0.2	1.95	< 2	210	< 0.5	< 2	1.91	< 0.5	13	41	47	3.12	< 10	70	0.21	< 10	0.46	795
19350E 08875W	201 202	< 5	< 0.2	1.99	< 2	160	< 0.5	< 2	0.95	< 0.5	12	40	34	3.05	< 10	10	0.23	< 10	0.75	715
19350E 08900W	201 202	< 5	< 0.2	2.04	< 2	170	< 0.5	< 2	0.85	< 0.5	12	40	38	2.91	< 10	30	0.22	< 10	0.71	755
19350E 08925W	201 202	< 5	< 0.2	2.49	< 2	200	< 0.5	< 2	1.37	< 0.5	9	33	49	2.74	< 10	30	0.25	< 10	0.86	300
19350E 08950W	201 202	< 5	< 0.2	2.48	< 2	230	< 0.5	< 4	1.52	< 0.5	9	31	50	2.65	< 10	10	0.24	< 10	1.01	340
19350E 08975W	201 202	15	< 0.2	2.69	< 2	270	< 0.5	< 2	1.46	< 0.5	9	39	71	2.85	< 10	30	0.29	< 10	1.06	245
19350E 09000W	201 202	< 5	< 0.2	2.74	< 2	290	< 0.5	2	1.58	< 0.5	12	40	67	3.34	< 10	40	0.28	< 10	1.20	605
19350E 09025W	201 202	< 5	< 0.2	2.67	< 2	260	< 0.5	< 2	1.19	< 0.5	14	40	52	3.40	< 10	30	0.28	< 10	0.96	745
19350E 09050W	201 202	< 5	< 0.2	2.43	< 2	180	< 0.5	< 2	0.91	< 0.5	11	35	33	3.05	< 10	10	0.27	< 10	0.64	550
19350E 09075W	201 202	< 5	< 0.2	2.47	< 2	160	< 0.5	< 2	0.83	< 0.5	10	35	27	3.20	< 10	10	0.23	< 10	0.61	455
19350E 09100W	201 202	< 5	< 0.2	2.30	< 2	140	< 0.5	< 2	1.01	< 0.5	12	41	33	3.51	< 10	10	0.19	< 10	0.75	595
19450E 07600W	201 202	< 5	< 0.2	2.18	< 2	120	< 0.5	2	1.31	< 0.5	7	27	36	2.42	< 10	10	0.12	< 10	0.51	355
19450E 07625W	201 202	15	< 0.2	2.50	< 2	90	< 0.5	< 2	0.94	< 0.5	14	58	38	3.58	< 10	10	0.17	< 10	0.86	335
19450E 07650W	201 202	15	< 0.2	1.59	< 2	120	< 0.5	< 2	0.75	< 0.5	11	53	18	2.78	< 10	10	0.18	< 10	0.62	710
19450E 07675W	201 202	10	< 0.2	1.62	< 2	140	< 0.5	< 2	0.68	< 0.5	10	44	15	2.45	< 10	10	0.16	< 10	0.55	565
19450E 07700W	201 202	< 5	< 0.2	1.41	< 2	120	< 0.5	2	0.51	< 0.5	7	31	9	2.03	< 10	10	0.16	< 10	0.37	515
19450E 07725W	201 202	< 5	< 0.2	1.72	< 2	120	< 0.5	< 2	0.63	< 0.5	9	37	14	2.47	< 10	10	0.14	< 10	0.51	360
19450E 07750W	201 202	< 5	< 0.2	1.50	< 2	100	< 0.5	< 2	0.62	< 0.5	9	38	13	2.30	< 10	10	0.16	< 10	0.51	370
19450E 07775W	201 202	10	< 0.2	1.67	< 2	120	< 0.5	< 2	0.68	< 0.5	9	41	16	2.57	< 10	10	0.18	< 10	0.53	570
19450E 07800W	201 202	15	< 0.2	1.68	< 2	150	< 0.5	< 2	0.66	< 0.5	8	36	13	2.33	< 10	10	0.10	< 10	0.44	560
19450E 07825W	201 202	< 5	< 0.2	1.88	< 2	150	< 0.5	2	0.70	< 0.5	8	41	15	2.51	< 10	10	0.10	< 10	0.47	525
19450E 07850W	201 202	< 5	< 0.2	1.93	< 2	130	< 0.5	< 2	0.52	< 0.5	8	47	14	2.41	< 10	10	0.08	< 10	0.51	420
19450E 07875W	201 202	< 5	< 0.2	2.15	< 2	120	< 0.5	< 2	1.06	< 0.5	14	72	35	3.13	< 10	30	0.13	< 10	0.94	625
19450E 07900W	201 202	< 5	< 0.2	1.88	< 2	100	< 0.5	< 2	0.99	< 0.5	13	77	27	3.13	< 10	10	0.23	< 10	0.95	390
19450E 07925W	201 202	< 5	< 0.2	1.09	< 2	130	< 0.5	< 2	0.40	< 0.5	7	30	10	1.97	< 10	20	0.11	< 10	0.45	365
19450E 07950W	201 202	< 5	< 0.2	1.30	< 2	120	< 0.5	< 2	0.47	< 0.5	9	43	12	2.42	< 10	10	0.10	< 10	0.56	240

CERTIFICATION: *Heath Buchler*



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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19350E 08475W	201 202	< 1	0.02	16	1140	2	< 2	5	38	0.12	< 10	< 10	63	< 10	48
19350E 08500W	201 202	< 1	0.02	14	1220	2	< 2	5	38	0.12	< 10	< 10	60	< 10	44
19350E 08525W	201 202	< 1	0.01	14	640	2	< 2	5	44	0.15	< 10	< 10	87	< 10	32
19350E 08550W	201 202	< 1	0.01	11	490	2	< 2	5	37	0.14	< 10	< 10	75	< 10	30
19350E 08575W	201 202	< 1	0.01	12	270	2	< 2	5	43	0.16	< 10	< 10	79	< 10	30
19350E 08600W	201 202	< 1	0.01	15	690	2	< 2	7	56	0.17	< 10	< 10	94	< 10	38
19350E 08625W	201 202	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted	Noted
19350E 08650W	201 202	< 1	0.01	18	540	2	< 2	9	56	0.18	< 10	< 10	97	< 10	46
19350E 08675W	201 202	< 1	0.01	18	670	2	< 2	8	45	0.15	< 10	< 10	80	< 10	54
19350E 08700W	201 202	< 1	0.02	16	260	2	< 2	8	64	0.16	< 10	< 10	82	< 10	38
19350E 08725W	201 202	< 1	0.02	18	330	2	< 2	10	88	0.17	< 10	< 10	101	< 10	36
19350E 08750W	201 202	< 1	0.01	17	480	2	< 2	8	111	0.15	< 10	< 10	91	< 10	36
19350E 08775W	201 202	< 1	0.01	19	750	2	< 2	10	89	0.19	< 10	< 10	119	< 10	42
19350E 08825W	201 202	< 1	0.01	22	1040	2	< 2	10	73	0.17	< 10	< 10	109	< 10	50
19350E 08850W	201 202	< 1	0.01	19	910	2	< 2	8	84	0.15	< 10	< 10	95	< 10	48
19350E 08875W	201 202	< 1	0.01	17	470	2	< 2	8	58	0.18	< 10	< 10	92	< 10	52
19350E 08900W	201 202	< 1	0.01	18	780	2	< 2	7	49	0.14	< 10	< 10	81	< 10	78
19350E 08925W	201 202	< 1	0.01	16	650	2	< 2	8	107	0.14	< 10	< 10	75	< 10	50
19350E 08950W	201 202	< 1	0.02	15	1010	2	< 2	7	117	0.12	< 10	< 10	67	< 10	48
19350E 08975W	201 202	< 1	0.03	16	1290	2	< 2								



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

Page Number : 4 A  
 Total Pages : 5  
 Certificate Date: 26-JUL-96  
 Invoice No. : 19623227  
 P.O. Number :  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	Au ppb FA/AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19450E 07975W	201 202	< 5 < 0.2	1.52	2	100 < 0.5	< 2	0.52 < 0.5	7	39	13	2.25 < 10	10	0.10 < 10	0.44	195					
19450E 08000W	201 202	< 5 < 0.2	1.75	2	160 < 0.5	< 2	0.44 < 0.5	7	31	14	2.14 < 10	10	0.13 < 10	0.40	565					
19450E 08025W	201 202	< 5 < 0.2	1.22	< 2	90 < 0.5	< 2	0.48 < 0.5	6	25	9	1.96 < 10	10	0.07 < 10	0.36	465					
19450E 08050W	201 202	10 < 0.2	1.34	< 2	130 < 0.5	< 2	0.46 < 0.5	7	29	13	2.00 < 10	10	0.12 < 10	0.45	505					
19450E 08075W	201 202	< 5 < 0.2	1.63	6	80 < 0.5	< 2	0.63 < 0.5	12	46	23	2.60 < 10	20	0.10 < 10	0.82	410					
19450E 08100W	201 202	< 5 < 0.2	0.82	< 2	80 < 0.5	< 2	0.19 < 0.5	5	17	5	1.22 < 10	10	0.06 < 10	0.17	200					
19450E 08125W	201 202	< 5 < 0.2	1.57	< 2	160 < 0.5	< 2	0.44 < 0.5	9	40	13	2.21 < 10	10	0.08 < 10	0.65	275					
19450E 08150W	201 202	< 5 < 0.2	1.92	2	200 < 0.5	< 2	0.57 < 0.5	9	49	23	2.29 < 10	20	0.12 < 10	0.57	895					
19450E 08175W	201 202	< 5 < 0.2	2.17	6	180 < 0.5	< 2	1.18 < 0.5	18	140	40	3.51 < 10	60	0.17 < 10	1.72	535					
19450E 08200W	201 202	< 5 < 0.2	0.26	6	360 < 0.5	< 2	2.71 < 0.5	7	11	23	1.49 < 10	220	0.05 < 10	0.30	1050					
19450E 08225W	201 202	< 5 < 0.2	1.55	< 2	120 < 0.5	< 2	1.83 < 0.5	9	39	27	2.17 < 10	40	0.17 < 10	0.70	365					
19450E 08250W	201 202	< 5 < 0.2	2.01	6	180 < 0.5	< 2	1.05 < 0.5	15	52	46	3.48 < 10	10	0.30 < 10	0.89	710					
19450E 08275W	201 202	< 5 < 0.2	1.68	< 2	130 < 0.5	< 2	0.64 < 0.5	8	28	16	2.58 < 10	10	0.13 < 10	0.44	445					
19450E 08300W	201 202	< 5 < 0.2	1.65	< 2	140 < 0.5	< 2	0.76 < 0.5	8	30	17	2.58 < 10	10	0.15 < 10	0.45	590					
19450E 08325W	201 202	< 5 < 0.2	1.56	< 2	110 < 0.5	< 2	0.75 < 0.5	8	30	18	2.61 < 10	10	0.15 < 10	0.48	665					
19750E 07750W	201 202	< 5 < 0.2	1.73	< 2	110 < 0.5	< 2	0.58 < 0.5	9	38	16	2.46 < 10	10	0.13 < 10	0.46	185					
19750E 07775W	201 202	< 5 < 0.2	1.56	2	100 < 0.5	< 2	1.00 < 0.5	9	38	25	2.71 < 10	20	0.13 < 10	0.61	320					
19750E 07800W	201 202	< 5 < 0.2	2.10	2	160 < 0.5	< 2	0.82 < 0.5	10	42	25	2.76 < 10	30	0.15 < 10	0.73	505					
19750E 07825W	201 202	< 5 < 0.2	1.59	2	120 < 0.5	< 2	0.51 < 0.5	9	34	15	2.05 < 10	10	0.12 < 10	0.55	365					
19750E 07850W	201 202	< 5 < 0.2	1.64	< 2	190 < 0.5	< 2	0.49 < 0.5	7	33	13	1.82 < 10	10	0.09 < 10	0.51	225					
19750E 07875W	201 202	< 5 < 0.2	1.69	< 2	120 < 0.5	< 2	0.49 < 0.5	8	62	13	2.27 < 10	10	0.12 < 10	0.53	285					
19750E 07900W	201 202	< 5 < 0.2	1.80	4	100 < 0.5	< 2	0.60 < 0.5	10	57	18	2.65 < 10	10	0.10 < 10	0.63	305					
19750E 07925W	201 202	< 5 < 0.2	1.91	< 2	120 < 0.5	< 2	0.52 < 0.5	9	71	15	2.51 < 10	10	0.12 < 10	0.75	155					
19750E 07950W	201 202	45 < 0.2	1.24	2	100 < 0.5	< 2	0.53 < 0.5	8	45	12	2.04 < 10	10	0.14 < 10	0.49	175					
19750E 07975W	201 202	< 5 < 0.2	1.56	< 2	160 < 0.5	< 2	0.54 < 0.5	9	60	13	2.36 < 10	10	0.14 < 10	0.53	635					
19750E 08000W	201 202	10 < 0.2	1.41	< 2	130 < 0.5	< 2	0.70 < 0.5	11	61	18	2.72 < 10	10	0.15 < 10	0.69	240					
19750E 08025W	201 202	< 5 < 0.2	1.30	< 2	90 < 0.5	< 2	0.62 < 0.5	9	76	19	2.51 < 10	10	0.10 < 10	0.77	245					
19750E 08050W	201 202	< 5 < 0.2	1.27	< 2	170 < 0.5	< 2	0.40 < 0.5	7	46	11	1.87 < 10	10	0.10 < 10	0.52	415					
19750E 08075W	201 202	< 5 < 0.2	1.10	< 2	110 < 0.5	< 2	0.51 < 0.5	9	45	11	2.18 < 10	10	0.12 < 10	0.57	410					
19750E 08100W	201 202	< 5 < 0.2	1.21	< 2	120 < 0.5	< 2	0.44 < 0.5	7	42	10	1.89 < 10	10	0.15 < 10	0.52	400					
19750E 08125W	201 202	< 5 < 0.2	1.65	2	160 < 0.5	4	0.56 < 0.5	11	56	19	2.43 < 10	10	0.21 < 10	0.78	435					
19750E 08150W	201 202	55 < 0.2	1.48	< 2	260 < 0.5	< 2	0.61 < 0.5	10	49	18	2.36 < 10	20	0.19 < 10	0.61	715					
19750E 08175W	201 202	< 5 < 0.2	1.82	4	170 < 0.5	< 2	0.65 < 0.5	13	73	28	2.88 < 10	10	0.19 < 10	0.90	475					
19750E 08200W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
19750E 08225W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
19750E 08250W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
19750E 08275W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
19750E 08300W	201 202	< 5 < 0.2	2.57	6	170 < 0.5	< 2	1.26 < 0.5	19	87	62	4.06 < 10	40	0.23 < 10	1.63	975					
19750E 08325W	201 202	< 5 < 0.2	2.78	10	460 < 0.5	< 2	2.25 < 0.5	27	207	91	4.25 < 10	50	0.29 < 10	3.13	830					
19750E 08350W	201 202	< 5 < 0.2	2.25	< 2	330 < 0.5	< 2	1.31 < 0.5	15	102	29	3.19 < 10	40	0.29 < 10	1.05	1165					

CERTIFICATION: [Signature]



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CCL.W. SALEKEN CC:GRANT CROOKER

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 Total Pages : 5  
 Certificate Date: 26-JUL-96  
 Invoice No. : 19623227  
 P.O. Number :  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19450E 07975W	201 202	< 1	0.01	16	350	2	< 2	4	39	0.15	10	< 10	68	< 10	34
19450E 08025W	201 202	< 1	0.01	14	600	2	< 2	4	33	0.13	< 10	< 10	58	< 10	54
19450E 08050W	201 202	< 1	0.01	17	440	< 2	< 2	4	28	0.12	< 10	< 10	58	< 10	42
19450E 08075W	201 202	< 1	0.01	22	490	< 2	< 2	5	34	0.14	< 10	< 10	76	< 10	44
19450E 08100W	201 202	< 1	0.01	7	960	2	< 2	1	10	0.04	< 10	< 10	29	< 10	30
19450E 08125W	201 202	< 1	0.01	28	340	< 2	< 2	3	26	0.11	< 10	< 10	62	< 10	46
19450E 08150W	201 202	< 1	0.01	35	340	< 2	< 2	4	44	0.14	< 10	< 10	68	< 10	48
19450E 08175W	201 202	< 1	0.01	90	790	< 2	< 2	10	59	0.15	< 10	< 10	103	< 10	44
19450E 08200W	201 202	3	0.06	18	1020	< 2	< 2	1	89	0.01	< 10	< 10	27	< 10	10
19450E 08225W	201 202	< 1	0.04	18	520	2	< 2	6	74	0.15	10	< 10	69	< 10	38
19450E 08250W	201 202	< 1	0.01	23	560	2	< 2	9	74	0.19	10	< 10	108	< 10	44
19450E 08275W	201 202	< 1	0.01	10	590	2	< 2	4	39	0.15	10	< 10	80	< 10	40
19450E 08300W	201 202	< 1	0.01	11	590	4	< 2	5	46	0.16	10	< 10	80	< 10	48
19450E 08325W	201 202	< 1	0.01	11	450	2	< 2	5	45	0.16	< 10	< 10	83	< 10	42
19750E 07750W	201 202	< 1	0.01	18	790	< 2	< 2	4	40	0.13	10	< 10	67	< 10	32
19750E 07775W	201 202	< 1	0.01	16	490	< 2	< 2	5	62	0.15	< 10	< 10	83	< 10	28
19750E 07800W	201 202	< 1	0.01	23	370	2	< 2	6	47	0.15	< 10	< 10	75	< 10	42
19750E 07825W	201 202	< 1	0.01	20	580	< 2	< 2	4	35	0.11	< 10	< 10	55	< 10	28
19750E 07850W	201 202	< 1	0.03	21	340	< 2	< 2	4	35	0.10	< 10	< 10	47	< 10	28
19750E 07875W	201 202	< 1	0.01	21	630	2	< 2	4	36	0.14	< 10	< 10	64	< 10	34
19750E 07900W	201 202	< 1	0.01	28	460	< 2	< 2	5	47	0.17	< 10	< 10	84	< 10	36
19750E 07925W	201 202	< 1	0.01	36	650	< 2	< 2	4	43	0.16	< 10	< 10	65	< 10	32
19750E 07950W	201 202	< 1	0.01	20	530	< 2	< 2	4	39	0.12	< 10	< 10	58	< 10	28
19750E 07975W	201 202	< 1	0.01	26	660	2	< 2	4	41	0.14	10	< 10	66	< 10	54
19750E 08000W	201 202	< 1	0.01	24	610	< 2	< 2	5	53	0.17	< 10	< 10</			



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :5-A  
 Total Pages :5  
 Certificate Date: 26-JUL-96  
 Invoice No. :19623227  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	As ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bl ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19750E 08175W	201 202	< 5 < 0.2	1.70	2	150 < 0.5	< 2	0.55 < 0.5	9	51	15	2.43	10	20	0.10	< 10	0.63	< 10	0.63	310	
19750E 08400W	201 202	< 5 < 0.2	2.55	< 2	380 < 0.5	< 2	1.01 < 0.5	22	121	21	3.86	10	30	0.19	< 10	1.40	< 10	0.58	2090	
19750E 08425W	201 202	< 5 < 0.2	2.84	< 2	280 < 0.5	< 2	0.59 < 0.5	14	75	19	2.91	10	30	0.15	< 10	0.91	< 10	0.91	835	
19750E 08450W	201 202	30 < 0.2	1.55	< 2	170 < 0.5	< 2	0.35 < 0.5	7	49	11	1.94	< 10	10	0.13	< 10	0.44	< 10	0.44	790	
19750E 08475W	201 202	< 5 < 0.2	1.96	< 2	120 < 0.5	< 2	0.73 < 0.5	11	56	22	2.90	10	10	0.21	< 10	0.72	< 10	0.72	495	
19750E 08500W	201 202	< 5 < 0.2	2.22	< 2	120 < 0.5	< 2	0.76 < 0.5	12	67	23	3.32	10	10	0.17	< 10	0.82	< 10	0.82	350	
19750E 08525W	201 202	< 5 < 0.2	2.02	< 2	120 < 0.5	< 2	0.65 < 0.5	10	53	19	2.94	10	< 10	0.14	< 10	0.67	< 10	0.67	300	
19750E 08550W	201 202	< 5 < 0.2	1.84	< 2	100 < 0.5	< 2	0.59 < 0.5	9	52	13	2.83	< 10	< 10	0.16	< 10	0.58	< 10	0.58	320	
19750E 08575W	201 202	< 5 < 0.2	1.90	12	130 < 0.5	< 2	0.71 < 0.5	16	70	28	3.34	< 10	10	0.19	< 10	0.89	< 10	0.89	640	
19750E 08600W	201 202	< 5 < 0.2	1.84	2	110 < 0.5	< 2	0.63 < 0.5	12	67	19	3.05	10	30	0.11	< 10	0.73	< 10	0.73	280	
19750E 08625W	201 202	< 5 < 0.2	2.24	2	180 < 0.5	< 2	0.84 < 0.5	14	71	34	3.35	10	10	0.17	< 10	0.86	< 10	0.86	780	
19750E 08650W	201 202	< 5 < 0.2	2.78	< 2	170 < 0.5	< 2	0.98 < 0.5	14	64	37	3.91	< 10	< 10	0.13	< 10	1.01	< 10	1.01	340	
19750E 08675W	201 202	< 5 < 0.2	2.34	< 2	160 < 0.5	< 2	0.57 < 0.5	11	38	19	2.60	10	20	0.14	< 10	0.54	< 10	0.54	1130	
19750E 08700W	201 202	< 5 < 0.2	2.47	4	250 < 0.5	< 2	0.58 < 0.5	10	37	21	2.49	10	10	0.10	< 10	0.46	< 10	0.46	1390	
19750E 08775W	201 202	< 5 < 0.2	2.07	4	210 < 0.5	< 2	1.45 < 0.5	12	64	55	3.01	10	80	0.09	< 10	0.99	< 10	0.99	390	
19750E 08800W	201 202	< 5 < 0.2	1.48	8	160 < 0.5	< 2	1.59 < 0.5	9	41	48	2.39	< 10	110	0.08	< 10	0.76	< 10	0.76	300	
19750E 08825W	201 202	< 5 < 0.2	1.89	< 2	200 < 0.5	< 2	1.04 < 0.5	13	38	42	1.19	10	20	0.29	< 10	0.69	< 10	0.69	735	
19750E 08850W	201 202	< 5 < 0.2	1.90	6	150 < 0.5	< 2	0.79 < 0.5	11	36	30	2.88	10	< 10	0.21	< 10	0.64	< 10	0.64	570	
19750E 08875W	201 202	< 5 < 0.2	1.72	< 2	120 < 0.5	< 2	0.66 < 0.5	8	27	15	2.56	< 10	10	0.15	< 10	0.48	< 10	0.48	380	
19750E 08900W	201 202	10 < 0.2	2.02	2	120 < 0.5	< 2	0.81 < 0.5	10	36	24	3.08	10	< 10	0.21	< 10	0.61	< 10	0.61	425	
19750E 08925W	201 202	< 5 < 0.2	1.52	< 2	130 < 0.5	< 2	0.64 < 0.5	7	25	13	2.35	< 10	10	0.19	< 10	0.42	< 10	0.42	605	
19750E 08950W	201 202	< 5 < 0.2	1.74	< 2	120 < 0.5	< 2	0.70 < 0.5	9	30	21	2.65	< 10	< 10	0.18	< 10	0.60	< 10	0.60	410	
19750E 08975W	201 202	< 5 < 0.2	1.60	2	120 < 0.5	< 2	0.69 < 0.5	9	30	17	2.61	10	< 10	0.20	< 10	0.58	< 10	0.58	480	
19750E 09000W	201 202	< 5 < 0.2	1.77	2	140 < 0.5	< 2	0.79 < 0.5	10	32	27	2.77	10	10	0.19	< 10	0.68	< 10	0.68	550	
19750E 09025W	201 202	< 5 < 0.2	3.04	4	200 < 0.5	< 2	1.10 < 0.5	17	48	86	4.12	10	50	0.22	< 10	1.35	< 10	1.35	755	
19750E 09050W	201 202	< 5 < 0.2	1.81	2	140 < 0.5	< 2	0.89 < 0.5	11	30	23	2.85	< 10	10	0.18	< 10	0.64	< 10	0.64	750	
19750E 09075W	201 202	< 5 < 0.2	2.06	2	140 < 0.5	< 2	0.71 < 0.5	7	29	15	2.75	< 10	< 10	0.17	< 10	0.47	< 10	0.47	390	
19750E 09100W	201 202	< 5 < 0.2	1.98	< 2	130 < 0.5	< 2	0.65 < 0.5	8	28	16	2.62	< 10	20	0.19	< 10	0.45	< 10	0.45	470	
19750E 09125W	201 202	< 5 < 0.2	1.61	6	210 < 0.5	< 2	0.70 < 0.5	8	26	20	2.40	< 10	20	0.18	< 10	0.43	< 10	0.43	935	
19750E 09150W	201 202	< 5 < 0.2	1.72	2	130 < 0.5	< 2	0.62 < 0.5	7	26	16	2.80	10	10	0.15	< 10	0.45	< 10	0.45	240	
19750E 09175W	201 202	< 5 < 0.2	1.62	2	100 < 0.5	< 2	0.71 < 0.5	8	29	15	2.68	< 10	10	0.16	< 10	0.52	< 10	0.52	430	
19750E 09200W	201 202	< 5 < 0.2	1.54	< 2	120 < 0.5	< 2	0.57 < 0.5	7	24	14	2.29	< 10	10	0.14	< 10	0.43	< 10	0.43	360	
19750E 09225W	201 202	< 5 < 0.2	1.74	2	110 < 0.5	< 2	0.67 < 0.5	8	28	17	2.56	< 10	10	0.16	< 10	0.49	< 10	0.49	315	
19750E 09250W	201 202	< 5 < 0.2	1.77	6	100 < 0.5	< 2	0.88 < 0.5	10	30	29	3.22	< 10	60	0.19	< 10	0.67	< 10	0.67	440	
19750E 09275W	201 202	< 5 < 0.2	1.36	2	80 < 0.5	< 2	0.54 < 0.5	5	22	10	2.15	< 10	< 10	0.11	< 10	0.36	< 10	0.36	230	
19750E 09300W	201 202	< 5 < 0.2	1.98	< 2	100 < 0.5	< 2	0.95 < 0.5	11	38	31	3.44	10	10	0.18	< 10	0.71	< 10	0.71	310	
19750E 09325W	201 202	< 5 < 0.2	2.00	< 2	120 < 0.5	< 2	0.79 < 0.5	10	34	23	3.02	< 10	10	0.19	< 10	0.58	< 10	0.58	315	
19750E 09350W	201 202	< 5 < 0.2	1.94	< 2	120 < 0.5	< 2	0.77 < 0.5	8	32	19	2.83	< 10	10	0.18	< 10	0.51	< 10	0.51	340	
19750E 09375W	201 202	< 5 < 0.2	2.18	6	110 < 0.5	< 2	0.88 < 0.5	12	41	38	3.42	10	10	0.20	< 10	0.74	< 10	0.74	305	
19750E 09400W	201 202	< 5 < 0.2	1.46	< 2	120 < 0.5	< 2	0.65 < 0.5	7	25	16	2.36	< 10	20	0.14	< 10	0.39	< 10	0.39	525	

CERTIFICATION: *Hart Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: CC:L.W. SALEKEN CC:GRANT CROOKER

Page Number :5-B  
 Total Pages :5  
 Certificate Date: 26-JUL-96  
 Invoice No. :19623227  
 P.O. Number :  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9623227

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19750E 08375W	201 202	< 1 < 0.02	29	280	< 2 < 2	4	10	0.15	< 10 < 10	60	< 10	38			
19750E 08400W	201 202	< 1 < 0.01	76	640	< 2 < 2	10	45	0.12	< 10 < 10	86	< 10	84			
19750E 08425W	201 202	< 1 < 0.03	62	1030	< 2 < 2	7	31	0.10	< 10 < 10	61	< 10	96			
19750E 08450W	201 202	< 1 < 0.02	25	850	< 2 < 2	4	25	0.09	< 10 < 10	49	< 10	66			
19750E 08475W	201 202	< 1 < 0.01	22	610	< 2 < 2	7	53	0.17	< 10 < 10	86	< 10	54			
19750E 08500W	201 202	< 1 < 0.01	27	670	< 2 < 2	7	56	0.18	< 10 < 10	97	< 10	52			
19750E 08525W	201 202	< 1 < 0.01	22	420	< 2 < 2	6	49	0.17	< 10 < 10	84	< 10	48			
19750E 08550W	201 202	< 1 < 0.01	19	400	< 2 < 2	5	39	0.15	< 10 < 10	73	< 10	44			
19750E 08575W	201 202	< 1 < 0.01	37	340	< 2 < 2	8	41	0.13	< 10 < 10	90	< 10	42			
19750E 08600W	201 202	< 1 < 0.01	28	540	< 2 < 2	6	38	0.14	< 10 < 10	82	< 10	40			
19750E 08625W	201 202	< 1 < 0.01	37	540	< 2 < 2	9	49	0.15	< 10 < 10	91	< 10	50			
19750E 08650W	201 202	< 1 < 0.01	30	1310	< 2 < 2	10	69	0.15	< 10 < 10	109	< 10	50			
19750E 08675W	201 202	< 1 < 0.01	17	640	< 2 < 2	5	42	0.14	< 10 < 10	70	< 10	56			
19750E 08700W	201 202	< 1 < 0.01	19	610	< 2 < 2	6	46	0.12	< 10 < 10	85	< 10	56			
19750E 08775W	201 202	< 1 < 0.01	24	1380	< 2 < 2	9	81	0.16	< 10 < 10	87	< 10	42			
19750E 08800W	201 202	1 < 0.03	18	1240	4 < 2 < 2	6	76	0.09	< 10 < 10	65	< 10	30			
19750E 08825W	201 202	< 1 < 0.01	18	550	< 2 < 2	8	62	0.16	< 10 < 10	95	< 10	38			
19750E 08850W	201 202	< 1 < 0.01	16	370	< 2 < 2	8	54	0.17	< 10 < 10	88	< 10	44			



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER ✓

Page Number : 1-A  
 Total Pages : 5  
 Certificate Date: 30-JUL-96  
 Invoice No. : 19625314  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
17550R-09175W	201 202	< 5	0.2	2.31	20	170	< 0.5	2	0.92	< 0.5	12	35	36	3.38	< 10	30	0.28	< 10	0.74	705
17550R-09200W	201 202	< 5	< 0.2	2.11	18	170	< 0.5	2	0.98	< 0.5	11	37	36	3.27	< 10	30	0.22	< 10	0.72	635
17550R-09225W	201 202	< 5	< 0.2	2.24	20	180	< 0.5	2	1.04	< 0.5	13	34	43	3.91	< 10	40	0.23	< 10	0.77	790
17550R-09250W	201 202	< 5	< 0.2	1.98	16	140	< 0.5	2	0.74	< 0.5	9	26	20	2.61	< 10	20	0.15	< 10	0.48	650
17550R-09275W	201 202	< 5	< 0.2	2.27	20	190	< 0.5	2	0.96	< 0.5	11	28	41	2.77	< 10	30	0.21	< 10	0.75	795
17550R-09300W	201 202	< 5	< 0.2	2.24	20	180	< 0.5	2	0.94	< 0.5	11	30	47	3.12	< 10	30	0.19	< 10	0.72	730
17550R-09325W	201 202	< 5	< 0.2	2.33	24	190	< 0.5	2	0.99	< 0.5	11	29	60	2.96	< 10	30	0.21	< 10	0.74	690
17550R-09350W	201 202	< 5	< 0.2	2.31	22	160	< 0.5	2	0.84	< 0.5	11	33	38	3.16	< 10	30	0.18	< 10	0.64	650
17550R-09375W	201 202	< 5	< 0.2	2.25	20	210	< 0.5	2	1.47	< 0.5	8	27	86	2.67	< 10	40	0.19	< 10	0.50	570
17550R-09400W	201 202	< 5	< 0.2	2.15	18	150	< 0.5	2	0.81	< 0.5	10	31	27	3.10	< 10	10	0.17	< 10	0.57	515
17550R-09425W	201 202	< 5	< 0.2	2.08	18	170	< 0.5	2	0.92	< 0.5	11	34	28	3.27	< 10	10	0.22	< 10	0.64	685
17550R-09450W	201 202	< 5	< 0.2	2.32	20	160	< 0.5	2	0.86	< 0.5	11	35	28	3.40	< 10	10	0.20	< 10	0.65	515
17550R-09475W	201 202	< 5	< 0.2	2.11	18	150	< 0.5	2	0.82	< 0.5	10	34	27	3.21	< 10	10	0.17	< 10	0.62	535
17550R-09500W	201 202	< 5	< 0.2	1.90	16	160	< 0.5	6	0.70	< 0.5	8	28	17	2.75	< 10	10	0.15	< 10	0.49	580
17550R-09525W	201 202	< 5	< 0.2	1.81	16	110	< 0.5	6	0.88	< 0.5	8	32	20	3.24	< 10	10	0.14	< 10	0.37	290
17550R-09550W	201 202	< 5	< 0.2	1.58	14	160	< 0.5	2	0.62	< 0.5	7	26	13	2.46	< 10	10	0.18	< 10	0.38	1140
17550R-09575W	201 202	< 5	< 0.2	1.66	12	130	< 0.5	2	0.56	< 0.5	7	25	18	2.36	< 10	10	0.17	< 10	0.43	550
17550R-09600W	201 202	< 5	< 0.2	1.90	16	140	< 0.5	2	1.03	< 0.5	11	33	37	3.16	< 10	40	0.20	< 10	0.73	600
17550R-09625W	201 202	< 5	< 0.2	1.56	14	140	< 0.5	2	1.49	< 0.5	6	25	31	2.29	< 10	40	0.18	< 10	0.49	300
17550R-09650W	201 202	< 5	< 0.2	1.45	12	150	< 0.5	< 2	1.70	< 0.5	7	23	40	2.27	< 10	40	0.14	< 10	0.78	325
17550R-09675W	201 202	< 5	< 0.2	1.88	16	220	< 0.5	2	1.08	< 0.5	11	36	27	3.17	< 10	20	0.18	< 10	0.66	625
17550R-09700W	201 202	< 5	< 0.2	2.11	18	200	< 0.5	4	1.31	< 0.5	13	36	46	3.95	< 10	50	0.18	< 10	0.80	790
17550R-09725W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17550R-09750W	201 202	< 5	< 0.2	1.67	14	120	< 0.5	2	3.54	< 0.5	12	35	49	3.39	< 10	30	0.14	< 10	1.05	585
17550R-09775W	201 202	< 5	< 0.2	2.62	22	230	< 0.5	2	1.52	< 0.5	15	43	72	4.00	< 10	60	0.26	< 10	1.08	925
17550R-09800W	201 202	< 5	< 0.2	2.26	22	220	< 0.5	2	1.12	< 0.5	12	35	48	3.49	< 10	40	0.28	< 10	0.72	795
17550R-09825W	201 202	< 5	< 0.2	2.38	20	210	< 0.5	4	1.12	< 0.5	14	37	91	3.94	< 10	60	0.31	< 10	0.80	875
17550R-09850W	201 202	< 5	< 0.2	2.29	20	250	< 0.5	6	1.50	< 0.5	14	39	57	3.64	< 10	50	0.26	< 10	0.87	840
17550R-09875W	201 202	< 5	< 0.2	2.38	22	210	< 0.5	2	0.93	< 0.5	12	35	61	3.47	< 10	30	0.29	< 10	0.66	930
17550R-09900W	201 202	< 5	< 0.2	2.21	18	200	< 0.5	6	1.18	< 0.5	13	39	91	3.59	< 10	40	0.27	< 10	0.83	795
17550R-09925W	201 202	< 5	< 0.2	1.89	16	210	< 0.5	2	1.15	< 0.5	11	32	37	3.03	< 10	50	0.25	< 10	0.63	750
17550R-09950W	201 202	< 5	< 0.2	2.33	20	200	< 0.5	2	0.98	< 0.5	12	32	46	3.26	< 10	30	0.28	< 10	0.70	775
17550R-09975W	201 202	< 5	< 0.2	2.43	14	200	< 0.5	4	1.14	< 0.5	13	26	43	3.29	< 10	50	0.26	< 10	0.74	825
17550R-10000W	201 202	< 5	< 0.2	2.04	18	170	< 0.5	4	0.77	< 0.5	9	32	32	3.09	< 10	20	0.20	< 10	0.64	685
17550R-10025W	201 202	< 5	< 0.2	2.00	18	190	< 0.5	2	0.88	< 0.5	11	30	29	2.99	< 10	40	0.22	< 10	0.40	925
17550R-10050W	201 202	< 5	< 0.2	2.34	22	210	< 0.5	2	1.30	< 0.5	14	38	60	3.48	< 10	40	0.30	< 10	1.00	820
17550R-10075W	201 202	< 5	< 0.2	2.20	20	180	< 0.5	2	1.06	< 0.5	12	33	44	3.38	< 10	40	0.27	< 10	0.49	745
17550R-10100W	201 202	< 5	< 0.2	2.43	20	210	< 0.5	4	1.20	< 0.5	14	38	57	3.97	< 10	50	0.33	< 10	0.84	905
17550R-10125W	201 202	< 5	< 0.2	2.44	22	230	< 0.5	2	1.16	< 0.5	12	39	80	3.80	< 10	40	0.28	< 10	0.80	920
17550R-10150W	201 202	< 5	< 0.2	1.94	16	210	< 0.5	2	1.01	< 0.5	11	39	33	2.91	< 10	40	0.30	< 10	0.40	870

CERTIFICATION: *Haut Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number : 1-B  
 Total Pages : 5  
 Certificate Date: 30-JUL-96  
 Invoice No. : 19625314  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
17550R-09175W	201 202	2	< 0.01	14	440	2	< 2	8	43	0.19	< 10	< 10	96	< 10	56
17550R-09200W	201 202	1	< 0.01	14	490	2	< 2	8	71	0.19	< 10	< 10	97	< 10	52
17550R-09225W	201 202	2	< 0.01	17	730	2	< 2	8	75	0.17	< 10	< 10	94	< 10	56
17550R-09250W	201 202	1	< 0.01	11	480	2	< 2	8	49	0.14	< 10	< 10	91	< 10	42
17550R-09275W	201 202	1	< 0.01	14	610	2	< 2	7	98	0.14	< 10	< 10	74	< 10	54
17550R-09300W	201 202	1	< 0.01	15	640	2	< 2	7	79	0.15	< 10	< 10	85	< 10	42
17550R-09325W	201 202	1	< 0.01	14	570	2	< 2	7	81	0.15	< 10	< 10	78	< 10	44
17550R-09350W	201 202	1	< 0.01	14	450	2	< 2	7	51	0.13	< 10	< 10	84	< 10	48
17550R-09375W	201 202	1	< 0.02	14	950	2	< 2	6	143	0.12	< 10	< 10	73	< 10	40
17550R-09400W	201 202	1	< 0.01	12	440	2	< 2	6	57	0.16	< 10	< 10	89	< 10	44
17550R-09425W	201 202	1	< 0.01	13	510	2	< 2	7	62	0.18	< 10	< 10	98	< 10	54
17550R-09450W	201 202	1	< 0.01	13	500	2	< 2	8	58	0.18	< 10	< 10	100	< 10	44
17550R-09475W	201 202	1	< 0.01	13	410	2	< 2	7	57	0.19	< 10	< 10	96	< 10	44
17550R-09500W	201 202	1	< 0.01	11	400	2	< 2	5	51	0.17	< 10	< 10	82	< 10	58
17550R-09525W	201 202	1	< 0.01	11	500	2	< 2	6	62	0.19	< 10	< 10	103	< 10	40
17550R-09550W	201 202	1	< 0.01	10	430	2	< 2	4	42	0.15	< 10	< 10	71	< 10	106
17550R-09575W	201 202	1	< 0.01	10	460	2	< 2	4	43	0.14	< 10	< 10	66	< 10	79
17550R-09600W	201 202	1	< 0.01	35	460	2	< 2	7	70	0.17	< 10	< 10	91	< 10	42
17550R-09625W	201 202	1													



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :2-A  
Total Pages :5  
Certificate Date: 30-JUL-96  
Invoice No. :19625314  
P.O. Number :20  
Account :LOY

Project : PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17550E-10175W	201 202	< 5	0.2	2.69	26	280	0.5	2	1.19	< 0.5	13	34	51	3.58	< 10	20	0.23	< 10	0.68	905
17550E-10200W	201 202	< 5	< 0.2	2.53	24	260	0.5	2	1.49	< 0.5	16	63	63	3.80	< 10	40	0.25	< 10	0.97	900
17550E-10225W	201 202	< 5	< 0.2	2.32	20	240	< 0.5	2	1.09	< 0.5	15	38	41	3.29	< 10	10	0.26	< 10	0.78	990
17550E-10250W	201 202	< 5	< 0.2	2.09	18	190	< 0.5	4	0.83	< 0.5	10	32	23	3.06	< 10	10	0.20	< 10	0.57	895
17550E-10275W	201 202	< 5	< 0.2	2.28	20	170	< 0.5	4	0.90	< 0.5	10	35	29	3.22	< 10	10	0.18	< 10	0.59	945
17550E-10300W	201 202	< 5	< 0.2	2.34	22	230	< 0.5	2	1.25	< 0.5	14	35	47	3.13	< 10	10	0.24	< 10	0.84	865
17550E-10325W	201 202	< 5	< 0.2	2.19	20	220	< 0.5	2	1.87	< 0.5	15	37	56	3.29	< 10	40	0.22	< 10	1.03	750
17550E-10350W	201 202	< 5	< 0.2	2.07	18	210	< 0.5	2	1.99	< 0.5	13	36	49	3.02	< 10	20	0.24	< 10	1.10	740
17550E-10375W	201 202	< 5	< 0.2	2.22	22	220	< 0.5	2	1.97	< 0.5	16	61	63	3.33	< 10	40	0.24	< 10	1.25	815
17550E-10400W	201 202	< 5	< 0.2	2.19	18	230	< 0.5	2	0.97	< 0.5	12	28	33	2.84	< 10	30	0.22	< 10	0.51	850
17550E-10425W	201 202	< 5	< 0.2	1.87	18	230	< 0.5	2	0.95	< 0.5	12	26	33	2.63	< 10	20	0.23	< 10	0.51	925
17550E-10450W	201 202	< 5	< 0.2	2.11	20	250	< 0.5	2	1.03	< 0.5	11	28	37	2.96	< 10	10	0.33	< 10	0.56	875
17550E-10475W	201 202	< 5	< 0.2	1.67	12	290	< 0.5	2	1.37	< 0.5	11	24	27	2.46	< 10	10	0.27	< 10	0.52	1070
17550E-10500W	201 202	< 5	< 0.2	1.92	16	250	< 0.5	2	1.14	< 0.5	12	30	36	3.10	< 10	20	0.23	< 10	0.61	975
17550E-10525W	201 202	< 5	< 0.2	1.33	12	330	< 0.5	< 2	8.17	< 0.5	6	23	41	1.75	< 10	40	0.11	< 10	0.74	1125
17550E-10550W	201 202	10	< 0.2	2.14	18	250	< 0.5	2	1.30	< 0.5	13	33	35	3.39	< 10	10	0.25	< 10	0.60	825
17550E-10575W	201 202	< 5	< 0.2	1.96	20	190	< 0.5	2	1.18	< 0.5	14	31	37	3.25	< 10	50	0.27	< 10	0.68	760
17550E-10600W	201 202	15	< 0.2	2.27	20	230	< 0.5	2	1.03	< 0.5	13	35	31	3.64	< 10	30	0.18	< 10	0.53	770
17550E-10625W	201 202	< 5	< 0.2	2.14	18	270	< 0.5	2	0.89	< 0.5	12	27	27	2.90	< 10	10	0.26	< 10	0.47	995
17550E-10650W	201 202	< 5	< 0.2	2.16	20	270	< 0.5	2	1.28	< 0.5	16	33	49	2.46	< 10	30	0.23	< 10	0.68	990
17550E-10675W	201 202	< 5	< 0.2	2.06	16	240	< 0.5	< 2	0.67	< 0.5	10	25	18	2.76	< 10	30	0.11	< 10	0.43	1065
17550E-10700W	201 202	10	< 0.2	1.85	14	150	< 0.5	2	0.92	< 0.5	14	30	26	3.45	< 10	10	0.17	< 10	0.56	780
17550E-10725W	201 202	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17550E-10750W	201 202	< 5	< 0.2	2.03	16	160	< 0.5	2	0.82	< 0.5	11	30	24	2.88	< 10	50	0.22	< 10	0.37	695
17550E-10775W	201 202	< 5	< 0.2	2.14	20	180	< 0.5	2	0.95	< 0.5	13	38	36	3.10	< 10	20	0.23	< 10	0.70	780
17550E-10800W	201 202	< 5	< 0.2	2.11	20	200	< 0.5	2	0.91	< 0.5	12	32	34	3.04	< 10	40	0.26	< 10	0.63	790
17550E-10825W	201 202	< 5	< 0.2	1.81	18	200	< 0.5	2	0.97	< 0.5	12	31	37	2.95	< 10	30	0.24	< 10	0.47	790
17550E-10850W	201 202	15	< 0.2	2.09	16	230	< 0.5	2	0.80	< 0.5	11	28	30	2.90	< 10	30	0.27	< 10	0.53	735
17550E-10875W	201 202	< 5	< 0.2	2.18	20	240	< 0.5	2	0.94	< 0.5	14	34	40	3.16	< 10	10	0.30	< 10	0.67	935
17550E-10900W	201 202	< 5	< 0.2	2.25	20	250	< 0.5	2	1.19	< 0.5	14	36	54	2.29	< 10	30	0.34	< 10	0.75	900
17550E-10925W	201 202	< 5	< 0.2	2.23	20	240	< 0.5	2	1.08	< 0.5	13	35	43	3.13	< 10	30	0.37	< 10	0.68	820
17550E-10950W	201 202	< 5	< 0.2	2.23	20	190	< 0.5	2	0.98	< 0.5	12	34	37	3.39	< 10	40	0.30	< 10	0.68	660
17550E-10975W	201 202	< 5	< 0.2	1.90	18	190	< 0.5	2	1.02	< 0.5	11	33	31	3.24	< 10	20	0.25	< 10	0.65	885
17550E-11000W	201 202	< 5	< 0.2	1.79	16	180	< 0.5	2	1.05	< 0.5	12	32	42	3.43	< 10	40	0.19	< 10	0.71	455
17550E-11025W	201 202	< 5	< 0.2	1.78	14	160	< 0.5	2	1.04	< 0.5	12	32	32	3.38	< 10	20	0.16	< 10	0.69	675
17550E-11050W	201 202	< 5	< 0.2	1.73	14	170	< 0.5	2	0.91	< 0.5	10	26	28	3.96	< 10	20	0.21	< 10	0.56	835
17550E-11075W	201 202	< 5	< 0.2	1.89	12	170	< 0.5	2	0.69	< 0.5	9	22	18	2.56	< 10	10	0.16	< 10	0.40	825
17550E-11100W	201 202	< 5	< 0.2	1.82	12	140	< 0.5	2	0.81	< 0.5	10	23	22	2.75	< 10	30	0.14	< 10	0.46	680
17550E-11125W	201 202	< 5	< 0.2	1.39	12	130	< 0.5	2	0.68	< 0.5	10	24	19	2.68	< 10	10	0.17	< 10	0.43	630
17550E-11150W	201 202	< 5	< 0.2	1.52	12	160	< 0.5	2	0.61	< 0.5	9	22	17	2.75	< 10	10	0.15	< 10	0.38	630

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number :2-B  
Total Pages :5  
Certificate Date: 30-JUL-96  
Invoice No. :19625314  
P.O. Number :20  
Account :LOY

Project : PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Br ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17550E-10175W	201 202	2	< 0.01	15	750	2	< 2	8	72	0.18	< 10	< 10	98	< 10	58
17550E-10200W	201 202	1	< 0.01	20	860	2	< 2	10	84	0.19	< 10	< 10	115	< 10	52
17550E-10225W	201 202	3	< 0.01	17	400	< 2	< 2	9	73	0.20	< 10	< 10	97	< 10	62
17550E-10250W	201 202	3	< 0.01	12	400	< 2	< 2	7	86	0.20	< 10	< 10	93	< 10	80
17550E-10275W	201 202	1	< 0.01	12	350	2	< 2	8	55	0.20	< 10	< 10	99	< 10	44
17550E-10300W	201 202	1	< 0.01	14	630	2	< 2	8	84	0.16	< 10	< 10	90	< 10	52
17550E-10325W	201 202	1	< 0.01	18	870	< 2	< 2	8	100	0.16	< 10	< 10	97	< 10	50
17550E-10350W	201 202	1	< 0.02	14	690	< 2	< 2	7	170	0.15	< 10	< 10	89	< 10	44
17550E-10375W	201 202	2	< 0.01	19	920	4	< 2	9	133	0.16	< 10	< 10	96	< 10	50
17550E-10400W	201 202	1	< 0.01	11	480	2	< 2	6	49	0.15	< 10	< 10	81	< 10	54
17550E-10425W	201 202	2	< 0.01	11	540	2	< 2	6	53	0.12	< 10	< 10	77	< 10	46
17550E-10450W	201 202	1	< 0.01	11	790	4	< 2	6	80	0.14	< 10	< 10	86	< 10	68
17550E-10475W	201 202	2	< 0.01	10	1040	< 2	< 2	5	75	0.11	< 10	< 10	71	< 10	74
17550E-10500W	201 202	2	< 0.01	11	690	2	< 2	6	63	0.14	< 10	< 10	88	< 10	38
17550E-10525W	201 202	< 1	< 0.02	8	1610	8	< 2	3	231	0.07	< 10	< 10	85	< 10	34
17550E-10550W	201 202	1	< 0.01	13	910	8	< 2	7	84	0.15	< 10	< 10	100	< 10	58
17550E-10575W	201 202	2	< 0.01	13	730	< 2	< 2	7	67	0.14	< 10	< 10	101	< 10	38
17550E-10600W	201 202	1	< 0.01	11	400	2	< 2	8	52	0.17	< 10	< 10	114	< 10	58
17550E-10625W	201 202	1	< 0.01	10	390	< 2	< 2	7	82	0.15	< 10	< 10	81	< 10	64
17550E-10650W	201 202	1	< 0.01	16	600	< 2	< 2	8	53	0.14	< 10	< 10	100	< 10	52
17550E-10675W	201 202	1	< 0.01</												



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :3-A  
 Total Pages :5  
 Certificate Date :30-JUL-96  
 Invoice No. :19625314  
 P.O. Number :20  
 Account :LOY

Project : PLUG  
 Comments : ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Bc ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
18550K-11175H	201 202	< 5	< 0.2	1.17	10	100	< 0.5	2	0.47	< 0.5	9	22	17	2.44	< 10	20	0.15	< 10	0.38	525
18550K-11200H	201 202	< 5	< 0.2	1.44	14	220	< 0.5	2	0.85	< 0.5	12	24	25	3.13	< 10	< 10	0.17	< 10	0.45	975
18550K-09725H	201 202	< 5	< 0.2	2.38	20	220	< 0.5	2	0.83	< 0.5	12	35	35	3.33	< 10	30	0.30	< 10	0.62	970
18550K-09750H	201 202	10	< 0.2	2.32	22	240	< 0.5	2	1.00	< 0.5	14	35	48	3.34	< 10	20	0.27	< 10	0.73	990
18550K-09775H	201 202	< 5	< 0.2	2.39	20	240	< 0.5	2	0.81	< 0.5	10	31	31	3.04	< 10	20	0.24	< 10	0.49	795
18550K-09800H	201 202	< 5	< 0.2	2.71	24	310	< 0.5	2	0.72	< 0.5	9	29	25	3.06	< 10	10	0.18	< 10	0.52	595
18550K-09825H	201 202	< 5	< 0.2	2.57	20	220	< 0.5	4	0.67	< 0.5	11	31	24	3.10	< 10	10	0.13	< 10	0.56	525
18550K-09850H	201 202	< 5	< 0.2	1.95	18	120	< 0.5	6	0.65	< 0.5	9	27	23	2.93	< 10	10	0.14	< 10	0.54	490
18550K-09875H	201 202	< 5	< 0.2	1.85	16	160	< 0.5	6	0.84	< 0.5	10	31	26	3.00	< 10	30	0.17	< 10	0.58	650
18550K-09900H	201 202	< 5	< 0.2	2.14	20	150	< 0.5	3	1.01	< 0.5	14	38	39	3.54	< 10	40	0.19	< 10	0.74	580
18550K-09925H	201 202	< 5	< 0.2	2.01	18	140	< 0.5	2	0.84	< 0.5	11	24	28	3.20	< 10	10	0.15	< 10	0.63	440
18550K-09950H	201 202	< 5	< 0.2	1.90	16	140	< 0.5	4	0.77	< 0.5	10	31	21	3.09	< 10	30	0.14	< 10	0.55	540
18550K-09975H	201 202	< 5	< 0.2	2.34	22	220	< 0.5	2	1.14	< 0.5	16	37	37	3.59	< 10	40	0.20	< 10	0.80	955
18550K-10000H	201 202	< 5	< 0.2	1.94	18	160	< 0.5	2	0.92	< 0.5	13	32	32	3.13	< 10	30	0.22	< 10	0.66	705
18550K-10025H	201 202	< 5	< 0.2	2.41	24	240	< 0.5	3	1.28	< 0.5	15	40	44	3.48	< 10	60	0.32	< 10	0.94	830
18550K-10050H	201 202	< 5	< 0.2	2.43	26	220	< 0.5	2	1.53	< 0.5	17	42	49	3.85	< 10	50	0.28	< 10	1.01	905
18550K-10075H	201 202	< 5	< 0.2	2.40	20	200	< 0.5	2	1.04	< 0.5	15	40	53	3.41	< 10	30	0.21	< 10	0.86	800
18550K-10100H	201 202	< 5	< 0.2	2.48	24	210	< 0.5	4	1.14	< 0.5	14	39	89	3.53	< 10	50	0.27	< 10	0.90	730
18550K-10125H	201 202	< 5	< 0.2	2.44	22	220	< 0.5	2	1.08	< 0.5	14	39	80	3.81	< 10	40	0.31	< 10	0.89	765
18550K-10150H	201 202	< 5	< 0.2	2.85	22	270	< 0.5	2	0.74	< 0.5	10	27	25	2.84	< 10	30	0.14	< 10	0.47	620
18550K-10175H	201 202	< 5	< 0.2	1.74	18	210	< 0.5	2	1.00	< 0.5	10	29	39	2.44	< 10	20	0.15	< 10	0.61	470
18550K-10200H	201 202	< 5	< 0.2	1.65	16	170	< 0.5	2	1.24	< 0.5	11	50	46	2.99	< 10	50	0.08	< 10	0.82	370
18550K-10225H	201 202	< 5	< 0.2	1.56	16	120	< 0.5	2	2.79	< 0.5	11	33	51	2.97	< 10	50	0.24	< 10	0.89	565
18550K-10250H	201 202	< 5	< 0.2	2.03	18	200	< 0.5	2	1.09	< 0.5	13	36	65	3.09	< 10	60	0.28	< 10	0.80	785
18550K-10275H	201 202	< 5	< 0.2	2.32	20	210	< 0.5	2	1.14	< 0.5	16	37	56	3.49	< 10	40	0.30	< 10	0.89	860
18550K-10300H	201 202	< 5	< 0.2	2.17	20	220	< 0.5	2	1.15	< 0.5	13	34	44	3.30	< 10	30	0.43	< 10	0.74	905
18550K-10325H	201 202	< 5	< 0.2	2.34	20	200	< 0.5	3	1.21	< 0.5	14	34	52	3.47	< 10	30	0.32	< 10	0.82	830
18550K-10350H	201 202	< 5	< 0.2	1.97	18	200	< 0.5	2	1.14	< 0.5	11	29	33	2.95	< 10	30	0.29	< 10	0.67	865
18550K-10375H	201 202	< 5	< 0.2	1.97	18	170	< 0.5	2	0.88	< 0.5	10	30	29	5.12	< 10	10	0.19	< 10	0.52	660
18550K-10400H	201 202	< 5	< 0.2	1.79	14	170	< 0.5	2	0.82	< 0.5	8	25	23	2.47	< 10	40	0.17	< 10	0.46	695
18550K-10425H	201 202	< 5	< 0.2	2.02	18	190	< 0.5	2	0.83	< 0.5	8	28	20	2.92	< 10	20	0.17	< 10	0.47	590
18550K-10450H	201 202	< 5	< 0.2	2.00	18	180	< 0.5	6	0.93	< 0.5	11	30	30	2.96	< 10	10	0.21	< 10	0.55	760
18550K-10475H	201 202	< 5	< 0.2	2.00	18	170	< 0.5	2	1.02	< 0.5	12	34	38	3.37	< 10	30	0.21	< 10	0.66	665
18550K-10500H	201 202	< 5	< 0.2	1.43	14	180	< 0.5	2	1.00	< 0.5	10	28	25	2.84	< 10	30	0.18	< 10	0.51	870
18550K-10525H	201 202	< 5	< 0.2	2.01	18	160	< 0.5	2	0.85	< 0.5	11	31	32	3.13	< 10	30	0.21	< 10	0.59	455
18550K-10550H	201 202	< 5	< 0.2	1.84	20	150	< 0.5	2	0.83	< 0.5	11	31	30	3.14	< 10	40	0.20	< 10	0.60	600
18550K-10575H	201 202	9	< 0.2	1.87	16	180	< 0.5	4	0.70	< 0.5	9	28	22	2.90	< 10	30	0.18	< 10	0.47	510
18550K-10600H	201 202	< 5	< 0.2	1.85	18	170	< 0.5	2	0.86	< 0.5	9	30	28	2.88	< 10	50	0.21	< 10	0.52	720
18550K-10625H	201 202	< 5	< 0.2	1.50	14	100	< 0.5	2	0.80	< 0.5	8	29	20	2.90	< 10	20	0.16	< 10	0.49	395
18550K-10650H	201 202	8	< 0.2	1.44	14	110	< 0.5	2	0.70	< 0.5	9	28	21	2.83	< 10	20	0.20	< 10	0.47	620

CERTIFICATION: Hart Bickler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :3-B  
 Total Pages :5  
 Certificate Date :30-JUL-96  
 Invoice No. :19625314  
 P.O. Number :20  
 Account :LOY

Project : PLUG  
 Comments : ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18550K-11175H	201 202	1.0	0.01	7	150	2	< 2	8	43	0.14	< 10	10	80	< 10	30
18550K-11200H	201 202	1	< 0.01	11	240	< 2	< 2	6	47	0.14	< 10	10	84	< 10	44
18550K-09725H	201 202	2	< 0.01	14	840	2	< 2	8	55	0.18	< 10	10	87	< 10	64
18550K-09750H	201 202	1	< 0.01	17	580	2	< 2	9	60	0.17	< 10	< 10	89	< 10	60
18550K-09775H	201 202	1	< 0.01	13	480	2	< 2	7	52	0.16	< 10	< 10	77	< 10	72
18550K-09800H	201 202	1	< 0.01	12	660	2	< 2	7	45	0.16	< 10	< 10	78	< 10	54
18550K-09825H	201 202	1	< 0.01	14	900	2	< 2	8	44	0.17	< 10	< 10	87	< 10	70
18550K-09850H	201 202	2	< 0.01	11	810	2	< 2	8	38	0.18	< 10	< 10	82	< 10	70
18550K-09875H	201 202	2	< 0.01	12	300	2	< 2	7	53	0.20	< 10	< 10	86	< 10	44
18550K-09900H	201 202	2	< 0.01	14	740	2	< 2	8	42	0.20	< 10	< 10	107	< 10	42
18550K-09925H	201 202	1	< 0.01	12	450	< 2	< 2	7	57	0.20	< 10	< 10	97	< 10	44
18550K-09950H	201 202	2	< 0.01	12	390	2	< 2	7	55	0.19	< 10	< 10	90	< 10	64
18550K-09975H	201 202	3	< 0.01	20	800	2	< 2	10	71	0.17	< 10	< 10	98	< 10	68
18550K-10000H	201 202	2	< 0.01	13	510	< 2	< 2	8	46	0.18	< 10	< 10	88	< 10	84
18550K-10025H	201 202	3	< 0.01	21	490	2	< 2	10	89	0.17	< 10	< 10	98	< 10	56
18550K-10050H	201 202	2	< 0.01	21	780	2	< 2	11	96	0.18	< 10	< 10	108	< 10	84
18550K-10075H	201 202	3	< 0.01	19	810	2	< 2	10	81	0.18	< 10	< 10	101	< 10	48
18550K-10100H	201 202	2	< 0.01	19	580	2	< 2	10	89	0.18	< 10	< 10	98	< 10	48
18550K-10125H	201 202	3	< 0.01	18	550	2	< 2	9	90	0.19	< 10	< 10	100	< 10	52
18550K-10150H	201 202	2	&lt												





# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number : 4-A  
 Total Pages : 5  
 Certificate Date: 30-JUL-98  
 Invoice No. : 19625314  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al ppm	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
18550E-10675N	201 202	< 5	< 0.2	1.72	14	140	< 0.5	2	0.77	< 0.5	10	28	24	2.77	< 10	30	0.17	< 10	0.56	515
18550E-10700N	201 202	< 5	< 0.2	1.74	14	200	< 0.5	2	0.94	< 0.5	11	27	24	2.77	< 10	30	0.18	< 10	0.53	745
18550E-10725N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18550E-10750N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18550E-10775N	201 202	< 5	< 0.2	1.81	16	150	< 0.5	2	0.78	< 0.5	10	29	24	2.94	< 10	30	0.17	< 10	0.54	550
18550E-10800N	201 202	< 5	< 0.2	1.92	18	160	< 0.5	2	0.72	< 0.5	9	26	23	2.71	< 10	40	0.20	< 10	0.45	510
18550E-10825N	201 202	< 5	< 0.2	1.94	16	160	< 0.5	4	0.93	< 0.5	12	31	27	3.14	< 10	30	0.21	< 10	0.35	830
18550E-10850N	201 202	< 5	< 0.2	1.95	16	210	< 0.5	1	0.96	< 0.5	11	31	25	3.10	< 10	30	0.17	< 10	0.52	530
18550E-10875N	201 202	< 5	< 0.2	2.14	22	190	< 0.5	2	0.95	< 0.5	12	34	28	3.34	< 10	30	0.19	< 10	0.53	745
18550E-10900N	201 202	< 5	< 0.2	1.52	14	170	< 0.5	2	0.75	< 0.5	12	26	22	2.62	< 10	30	0.18	< 10	0.45	735
18550E-10925N	201 202	< 5	< 0.2	1.76	16	190	< 0.5	2	0.86	< 0.5	12	30	34	2.96	< 10	20	0.23	< 10	0.52	720
18550E-10950N	201 202	< 5	< 0.2	2.17	20	270	< 0.5	2	0.95	< 0.5	12	34	36	3.29	< 10	20	0.20	< 10	0.55	830
18550E-10975N	201 202	< 5	< 0.2	2.08	18	190	< 0.5	4	0.87	< 0.5	12	32	26	3.16	< 10	< 10	0.20	< 10	0.46	475
18550E-11000N	201 202	< 5	< 0.2	1.74	14	160	< 0.5	2	0.84	< 0.5	10	28	22	2.78	< 10	< 10	0.16	< 10	0.41	675
18550E-11025N	201 202	< 5	< 0.2	1.57	14	170	< 0.5	2	0.80	< 0.5	9	28	20	2.73	< 10	< 10	0.13	< 10	0.43	745
18550E-11050N	201 202	< 5	< 0.2	1.72	14	200	< 0.5	2	0.60	< 0.5	8	24	17	2.57	< 10	< 10	0.16	< 10	0.40	935
18550E-11075N	201 202	< 5	< 0.2	1.34	10	130	< 0.5	2	0.56	< 0.5	7	22	15	2.26	< 10	< 10	0.12	< 10	0.34	465
18550E-11100N	201 202	< 5	< 0.2	1.67	16	170	< 0.5	2	1.04	< 0.5	12	24	30	2.48	< 10	30	0.14	< 10	0.47	645
18550E-11125N	201 202	< 5	< 0.2	0.06	2	440	< 0.5	4	4.38	< 0.5	1	2	12	1.34	< 10	60	0.01	< 10	0.23	1380
18550E-11150N	201 202	< 5	< 0.2	0.06	2	260	< 0.5	2	6.83	< 0.5	1	5	30	0.13	< 10	110	0.06	< 10	0.30	660
18550E-11175N	201 202	35	< 0.2	1.79	14	170	< 0.5	2	1.09	< 0.5	12	28	30	2.79	< 10	30	0.28	< 10	0.52	490
18550E-11200N	201 202	< 5	< 0.2	1.71	14	130	< 0.5	2	0.88	< 0.5	13	31	27	3.07	< 10	20	0.21	< 10	0.55	430
18550E-11225N	201 202	< 5	< 0.2	1.39	14	140	< 0.5	2	0.88	< 0.5	12	26	21	2.64	< 10	10	0.18	< 10	0.47	645
18550E-11250N	201 202	< 5	< 0.2	1.29	10	90	< 0.5	2	0.82	< 0.5	9	23	16	2.30	< 10	10	0.18	< 10	0.36	355
18650E-09725N	201 202	< 5	< 0.2	1.65	14	170	< 0.5	2	0.61	< 0.5	8	24	18	2.38	< 10	10	0.18	< 10	0.63	635
18650E-09750N	201 202	< 5	< 0.2	1.88	16	190	< 0.5	2	1.03	< 0.5	12	34	37	2.98	< 10	20	0.28	< 10	0.72	750
18650E-09775N	201 202	< 5	< 0.2	1.82	14	230	< 0.5	2	1.37	< 0.5	10	31	36	2.52	< 10	20	0.39	< 10	0.87	420
18650E-09800N	201 202	< 5	< 0.2	1.68	14	160	< 0.5	2	0.75	< 0.5	11	32	33	2.69	< 10	10	0.26	< 10	0.80	675
18650E-09825N	201 202	< 5	< 0.2	2.02	18	190	< 0.5	2	1.62	< 0.5	12	34	30	3.23	< 10	< 10	0.25	< 10	0.71	720
18650E-09850N	201 202	< 5	< 0.2	1.89	18	180	< 0.5	2	0.93	< 0.5	13	33	37	3.08	< 10	30	0.25	< 10	0.72	775
18650E-09875N	201 202	< 5	< 0.2	1.99	18	190	< 0.5	2	0.80	< 0.5	10	27	23	2.48	< 10	30	0.16	< 10	0.56	780
18650E-09900N	201 202	< 5	< 0.2	2.08	20	170	< 0.5	2	1.17	< 0.5	13	35	47	3.18	< 10	50	0.20	< 10	0.87	905
18650E-09925N	201 202	< 5	< 0.2	1.98	16	160	< 0.5	2	0.90	< 0.5	12	34	28	2.93	< 10	10	0.24	< 10	0.92	710
18650E-09950N	201 202	< 5	< 0.2	2.16	18	190	< 0.5	2	1.62	< 0.5	13	39	43	3.19	< 10	60	0.28	< 10	1.40	630
18650E-09975N	201 202	< 5	< 0.2	2.37	20	180	< 0.5	2	1.16	< 0.5	15	41	56	3.64	< 10	30	0.34	< 10	1.16	800
18650E-10000N	201 202	8	< 0.2	2.36	22	170	< 0.5	2	2.14	< 0.5	15	60	63	3.38	< 10	70	0.16	< 10	1.40	565
18650E-10025N	201 202	< 5	< 0.2	1.60	14	160	< 0.5	2	2.29	< 0.5	10	27	45	2.59	< 10	30	0.14	< 10	1.05	685
18650E-10050N	201 202	< 5	< 0.2	1.73	16	190	< 0.5	2	1.89	< 0.5	11	32	49	2.51	< 10	80	0.07	< 10	0.99	435
18650E-10075N	201 202	15	< 0.2	1.60	12	180	< 0.5	2	1.86	< 0.5	10	51	10	2.06	< 10	70	0.04	< 10	0.83	250
18650E-10100N	201 202	< 5	< 0.2	1.89	18	200	< 0.5	2	1.67	< 0.5	12	40	47	2.78	< 10	70	0.05	< 10	0.86	355

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0216

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 30-JUL-98  
 Invoice No. : 19625314  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
18550E-10675N	201 202	2	< 0.01	11	370	2	< 2	6	54	0.18	< 10	< 10	83	< 10	44
18550E-10700N	201 202	2	< 0.01	12	400	2	< 2	6	64	0.17	< 10	< 10	81	< 10	60
18550E-10725N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18550E-10750N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
18550E-10775N	201 202	1	< 0.01	10	460	2	< 2	6	51	0.17	< 10	< 10	85	< 10	48
18550E-10800N	201 202	2	< 0.01	9	370	2	< 2	6	54	0.16	< 10	< 10	78	< 10	52
18550E-10825N	201 202	3	< 0.01	11	480	2	< 2	7	67	0.18	< 10	< 10	95	< 10	46
18550E-10850N	201 202	2	< 0.01	10	460	2	< 2	7	43	0.17	< 10	< 10	92	< 10	42
18550E-10875N	201 202	1	< 0.01	11	350	2	< 2	8	66	0.19	< 10	< 10	98	< 10	44
18550E-10900N	201 202	2	< 0.01	10	370	2	< 2	4	52	0.14	< 10	< 10	74	< 10	40
18550E-10925N	201 202	1	< 0.01	13	380	2	< 2	7	51	0.14	< 10	< 10	83	< 10	42
18550E-10950N	201 202	1	< 0.01	13	450	2	< 2	8	59	0.17	< 10	< 10	91	< 10	48
18550E-10975N	201 202	1	< 0.01	11	380	2	< 2	8	55	0.17	< 10	< 10	89	< 10	46
18550E-11000N	201 202	1	< 0.01	9	280	2	< 2	7	57	0.14	< 10	< 10	83	< 10	40
18550E-11025N	201 202	1	< 0.01	9	280	2	< 2	6	51	0.14	< 10	< 10	78	< 10	44
18550E-11050N	201 202	1	< 0.01	8	400	2	< 2	5	38	0.14	< 10	< 10	48	< 10	62
18550E-11075N	201 202	1	< 0.01	6	410	2	< 2	4	32	0.12	< 10	< 10	63	< 10	34
18550E-11100N	201 202	1	< 0.01	10	260	2	< 2	7	47	0.09	< 10	< 10	64	< 10	29
18550E-11125N	201 202	1	< 0.01	1	940	2	< 2	1	118	< 0.01	< 10	< 10	45	< 10	14
18550E-11150N	201 202	3	0.01	1	1400	2	< 2	1	118	< 0.01	< 10	< 10	30	< 10	4
18550E-11175N	201 202	1	< 0.01	10	420	2	< 2</								





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Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :5-A  
Total Pages :5  
Certificate Date: 30-JUL-96  
Invoice No. : 19625314  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm
10650E-10125M	201 202	< 5	< 0.2	2.03	< 2	170	< 0.5	< 2	1.97	< 0.5	12	35	77	2.99	< 10	70	0.06	< 10	0.86	675
10650E-10150M	201 202	< 5	< 0.2	2.01	< 2	180	< 0.5	< 2	1.07	< 0.5	11	31	76	2.78	< 10	40	0.13	< 10	0.86	275
10650E-10175M	201 202	< 5	< 0.2	2.04	< 2	240	< 0.5	< 2	1.34	< 0.5	14	32	52	3.21	< 10	40	0.23	< 10	0.90	1310
10650E-10200M	201 202	< 5	< 0.2	1.75	< 2	150	< 0.5	< 2	1.50	< 0.5	13	28	51	2.94	< 10	50	0.08	< 10	0.73	775
10650E-10225M	201 202	< 5	< 0.2	1.87	< 2	210	< 0.5	< 2	1.44	< 0.5	11	28	50	2.74	< 10	30	0.24	< 10	0.84	560
10650E-10250M	201 202	< 5	< 0.2	1.66	< 2	250	< 0.5	< 2	1.11	< 0.5	9	23	29	2.30	< 10	30	0.31	< 10	0.55	775
10650E-10275M	201 202	< 5	< 0.2	2.00	< 2	230	< 0.5	< 2	0.83	< 0.5	13	31	30	3.10	< 10	30	0.22	< 10	0.41	865
10650E-10300M	201 202	< 5	< 0.2	2.31	< 2	230	< 0.5	< 2	0.90	< 0.5	16	35	38	3.37	< 10	20	0.24	< 10	0.48	775
10650E-10325M	201 202	< 5	< 0.2	2.35	< 2	210	< 0.5	< 2	0.87	< 0.5	14	34	35	3.26	< 10	30	0.28	< 10	0.45	835
10650E-10350M	201 202	< 5	< 0.2	2.24	< 2	210	< 0.5	< 2	0.91	< 0.5	13	33	36	3.26	< 10	20	0.23	< 10	0.68	785
10650E-10375M	201 202	< 5	< 0.2	1.73	< 2	160	< 0.5	< 2	0.83	< 0.5	11	31	30	3.12	< 10	40	0.17	< 10	0.70	595
10650E-10400M	201 202	< 5	< 0.2	1.80	< 2	150	< 0.5	< 2	0.73	< 0.5	11	29	21	2.92	< 10	10	0.16	< 10	0.57	515
10650E-10425M	201 202	< 5	< 0.2	2.50	< 2	240	< 0.5	< 2	0.98	< 0.5	13	35	36	3.58	< 10	30	0.33	< 10	0.68	835
10650E-10450M	201 202	< 5	< 0.2	2.31	< 2	190	< 0.5	< 2	0.82	< 0.5	11	33	33	3.11	< 10	30	0.20	< 10	0.61	645
10650E-10475M	201 202	< 5	< 0.2	2.27	< 2	200	< 0.5	< 2	0.49	< 0.5	11	30	23	3.04	< 10	30	0.22	< 10	0.54	600
10650E-10500M	201 202	< 5	< 0.2	1.83	< 2	110	< 0.5	< 2	0.82	< 0.5	13	37	35	3.31	< 10	30	0.23	< 10	0.79	505
10650E-10525M	201 202	< 5	< 0.2	1.74	< 2	130	< 0.5	< 2	0.80	< 0.5	11	33	26	3.05	< 10	20	0.23	< 10	0.69	420
10650E-10550M	201 202	< 5	< 0.2	1.89	< 2	170	< 0.5	< 2	0.80	< 0.5	12	30	24	3.19	< 10	30	0.24	< 10	0.55	800
10650E-10575M	201 202	< 5	< 0.2	2.14	< 2	170	< 0.5	< 2	0.74	< 0.5	10	28	18	3.03	< 10	20	0.15	< 10	0.50	465
10650E-10600M	201 202	< 5	< 0.2	1.74	< 2	130	< 0.5	< 2	0.72	< 0.5	11	28	22	2.97	< 10	40	0.20	< 10	0.53	500
10650E-10625M	201 202	< 5	< 0.2	1.58	< 2	230	< 0.5	< 2	1.80	< 0.5	10	29	81	2.38	< 10	80	0.11	< 10	0.71	495
10650E-10650M	201 202	< 5	< 0.2	1.97	< 2	220	< 0.5	< 2	2.25	< 0.5	13	33	92	3.17	< 10	40	0.11	< 10	0.91	655
10650E-10675M	201 202	< 5	< 0.2	1.93	< 2	180	< 0.5	< 2	2.46	< 0.5	15	35	84	3.34	< 10	40	0.17	< 10	1.06	700
10650E-10750M	201 202	< 5	< 0.2	1.93	< 2	140	< 0.5	< 2	1.56	< 0.5	13	32	55	3.23	< 10	80	0.09	< 10	0.79	520
10650E-10775M	201 202	< 5	< 0.2	1.94	< 2	160	< 0.5	< 2	1.59	< 0.5	16	32	59	3.28	< 10	70	0.08	< 10	0.80	690
10650E-10800M	201 202	< 5	< 0.2	1.48	< 2	170	< 0.5	< 2	1.00	< 0.5	13	29	34	3.07	< 10	40	0.19	< 10	0.61	535
10650E-10825M	201 202	< 5	< 0.2	1.52	< 2	180	< 0.5	< 2	0.94	< 0.5	11	27	24	2.78	< 10	80	0.16	< 10	0.58	495
10650E-10850M	201 202	< 5	< 0.2	1.49	< 2	200	< 0.5	< 2	0.81	< 0.5	11	28	24	2.97	< 10	30	0.14	< 10	0.53	735
10650E-10875M	201 202	< 5	< 0.2	2.23	< 2	200	< 0.5	< 2	0.61	< 0.5	10	26	19	2.70	< 10	40	0.23	< 10	0.50	430
10650E-10900M	201 202	< 5	< 0.2	1.93	< 2	250	< 0.5	< 2	0.78	< 0.5	12	27	30	2.81	< 10	10	0.28	< 10	0.54	815
10650E-10925M	201 202	< 5	< 0.2	2.04	< 2	210	< 0.5	< 2	0.73	< 0.5	12	28	23	3.01	< 10	10	0.25	< 10	0.54	735
10650E-10950M	201 202	< 5	< 0.2	2.03	< 2	210	< 0.5	< 2	0.94	< 0.5	13	33	41	3.13	< 10	30	0.29	< 10	0.71	785
10650E-10975M	201 202	< 5	< 0.2	2.15	< 2	240	< 0.5	< 2	1.16	< 0.5	14	34	50	3.37	< 10	40	0.34	< 10	0.86	820
10650E-11000M	201 202	< 5	< 0.2	2.19	< 2	200	< 0.5	< 2	0.84	< 0.5	12	32	33	3.14	< 10	10	0.24	< 10	0.47	770
10650E-11025M	201 202	< 5	< 0.2	2.25	< 2	270	< 0.5	< 2	1.23	< 0.5	13	32	42	3.24	< 10	30	0.32	< 10	0.70	905
10650E-11050M	201 202	< 5	< 0.2	2.23	< 2	230	< 0.5	< 2	1.01	< 0.5	13	32	42	3.25	< 10	50	0.22	< 10	0.70	490
10650E-11075M	201 202	< 5	< 0.2	2.88	< 2	250	< 0.5	< 2	0.85	< 0.5	13	32	60	3.36	< 10	40	0.21	< 10	0.70	965
10650E-11100M	201 202	< 5	< 0.2	3.12	< 2	230	< 0.5	< 2	0.64	< 0.5	11	30	40	3.03	< 10	30	0.14	< 10	0.40	580
10650E-11125M	201 202	< 5	< 0.2	2.13	< 2	170	< 0.5	< 2	0.71	< 0.5	11	28	10	3.02	< 10	40	0.18	< 10	0.42	485
10650E-11150M	201 202	< 5	< 0.2	2.26	< 2	190	< 0.5	< 2	0.85	< 0.5	10	27	27	2.87	< 10	40	0.15	< 10	0.55	840

CERTIFICATION: *David B. ...*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :5-B  
Total Pages :5  
Certificate Date: 30-JUL-96  
Invoice No. : 19625314  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625314

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
10650E-10125M	201 202	< 1	0.03	15	1380	4	< 2	8	85	0.09	< 10	< 10	92	< 10	42
10650E-10150M	201 202	< 1	0.01	13	880	4	< 2	7	82	0.10	< 10	< 10	79	< 10	34
10650E-10175M	201 202	< 1	0.01	16	410	4	< 2	8	69	0.13	< 10	< 10	89	< 10	36
10650E-10200M	201 202	< 1	0.01	11	1140	2	< 2	7	69	0.10	< 10	< 10	91	< 10	44
10650E-10225M	201 202	< 1	0.03	13	670	6	< 2	7	91	0.11	< 10	< 10	75	< 10	40
10650E-10250M	201 202	3	0.02	11	940	4	< 2	5	62	0.11	< 10	< 10	65	< 10	64
10650E-10275M	201 202	< 1	0.01	14	490	6	< 2	7	55	0.16	< 10	< 10	94	< 10	52
10650E-10300M	201 202	< 1	0.01	16	540	4	< 2	8	63	0.17	< 10	< 10	103	< 10	50
10650E-10325M	201 202	< 1	0.01	16	570	6	< 2	8	65	0.17	< 10	< 10	100	< 10	58
10650E-10350M	201 202	< 1	0.01	15	520	6	< 2	8	64	0.17	< 10	< 10	100	< 10	54
10650E-10375M	201 202	< 1	< 0.01	13	470	4	< 2	7	56	0.16	< 10	< 10	102	< 10	46
10650E-10400M	201 202	< 1	0.01	12	450	4	< 2	6	32	0.16	< 10	< 10	94	< 10	42
10650E-10425M	201 202	< 1	0.01	17	920	6	< 2	9	62	0.16	< 10	< 10	106	< 10	72
10650E-10450M	201 202	< 1	0.01	14	740	6	< 2	8	54	0.16	< 10	< 10	101	< 10	46
10650E-10475M	201 202	< 1	0.01	13	470	6	< 2	7	47	0.16	< 10	< 10	89	< 10	50
10650E-10500M	201 202	< 1	0.01	15	620	6	< 2	7	55	0.17	< 10	< 10	109	< 10	40
10650E-10525M	201 202	< 1	0.01	18	650	6	< 2	7	53	0.16	< 10	< 10	98	< 10	40
10650E-10550M	201														



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212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :1-A  
Total Pages :5  
Certificate Date: 31-JUL-96  
Invoice No. :19625315  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19150E-09100N	201 202	< 5	< 0.2	1.80	< 2	150	< 0.5	< 2	0.85	< 0.5	12	32	33	3.02	< 10	30	0.17	< 10	0.73	580
19150E-09125N	201 202	< 5	< 0.2	1.84	< 2	130	< 0.5	< 2	0.61	< 0.5	10	25	18	2.62	< 10	10	0.18	< 10	0.56	550
19150E-09150N	201 202	< 5	< 0.2	2.01	< 2	150	< 0.5	< 2	0.78	< 0.5	11	30	28	2.91	< 10	20	0.20	< 10	0.69	570
19150E-09175N	201 202	< 5	< 0.2	2.13	< 2	180	< 0.5	< 2	1.05	< 0.5	14	34	51	3.20	< 10	50	0.20	< 10	0.84	775
19150E-09200N	201 202	< 5	< 0.2	1.88	< 2	160	< 0.5	< 2	0.84	< 0.5	12	30	31	2.87	< 10	30	0.19	< 10	0.73	600
19150E-09225N	201 202	< 5	< 0.2	1.77	< 4	130	< 0.5	< 2	0.69	< 0.5	10	26	23	2.62	< 10	30	0.15	< 10	0.56	495
19150E-09250N	201 202	< 5	< 0.2	2.09	< 6	150	< 0.5	< 2	0.75	< 0.5	11	31	30	2.98	< 10	20	0.22	< 10	0.69	540
19150E-09275N	201 202	< 5	< 0.2	2.05	< 6	130	< 0.5	< 2	0.90	< 0.5	12	36	32	3.25	< 10	30	0.16	< 10	0.75	420
19150E-09300N	201 202	< 5	< 0.2	2.07	< 6	170	< 0.5	< 2	0.85	< 0.5	12	33	28	3.04	< 10	10	0.20	< 10	0.67	750
19150E-09325N	201 202	< 5	< 0.2	2.08	< 2	150	< 0.5	< 2	0.93	< 0.5	12	35	35	3.29	< 10	30	0.22	< 10	0.74	690
19150E-09350N	201 202	< 5	< 0.2	1.97	< 10	130	< 0.5	< 2	0.83	< 0.5	10	31	24	3.01	< 10	10	0.13	< 10	0.62	520
19150E-09375N	201 202	< 5	< 0.2	1.99	< 2	180	< 0.5	< 2	0.73	< 0.5	11	30	24	2.93	< 10	20	0.15	< 10	0.59	770
19150E-09400N	201 202	< 5	< 0.2	1.90	< 2	180	< 0.5	< 2	1.19	< 0.5	11	38	43	2.87	< 10	30	0.17	< 10	0.85	290
19150E-09425N	201 202	< 5	< 0.2	1.96	< 2	220	< 0.5	< 2	1.21	< 0.5	16	62	61	3.13	< 10	60	0.07	< 10	1.02	585
19150E-09450N	201 202	< 5	< 0.2	1.87	< 2	210	< 0.5	< 2	1.30	< 0.5	12	56	55	2.99	< 10	60	0.14	< 10	0.97	555
19150E-09475N	201 202	< 5	< 0.2	1.79	< 2	190	< 0.5	< 2	1.57	< 0.5	12	57	56	2.64	< 10	60	0.13	< 10	0.98	395
19150E-09500N	201 202	< 5	< 0.2	1.79	< 2	180	< 0.5	< 2	1.28	< 0.5	13	58	46	2.60	< 10	60	0.09	< 10	0.96	315
19150E-09525N	201 202	< 5	< 0.2	1.94	< 2	190	< 0.5	< 2	1.37	< 0.5	16	65	53	2.93	< 10	60	0.10	< 10	1.02	400
19150E-09550N	201 202	< 5	< 0.2	1.86	< 6	190	< 0.5	< 2	1.25	< 0.5	12	66	48	2.78	< 10	60	0.08	< 10	0.97	530
19150E-09575N	201 202	< 5	< 0.2	2.06	< 2	200	< 0.5	< 2	1.47	< 0.5	11	59	61	2.91	< 10	50	0.26	< 10	0.98	420
19150E-09600N	201 202	< 5	< 0.2	2.17	< 2	210	< 0.5	< 2	1.56	< 0.5	12	62	66	3.15	< 10	50	0.24	< 10	1.02	530
19150E-09625N	201 202	< 5	< 0.2	2.47	< 2	230	< 0.5	< 2	1.38	< 0.5	19	67	80	3.85	< 10	40	0.27	< 10	1.09	690
19150E-09650N	201 202	< 5	< 0.2	2.40	< 2	230	< 0.5	< 2	1.44	< 0.5	13	68	68	3.63	< 10	40	0.27	< 10	1.08	505
19150E-09675N	201 202	< 5	< 0.2	2.92	< 2	260	< 0.5	< 2	1.60	< 0.5	13	73	99	3.81	< 10	40	0.37	< 10	1.17	480
19150E-09700N	201 202	< 5	< 0.2	1.93	< 2	260	< 0.5	< 2	1.61	< 0.5	10	38	73	2.57	< 10	50	0.33	< 10	0.69	645
19850E-07450N	201 202	< 5	< 0.2	1.94	< 6	90	< 0.5	< 2	0.60	< 0.5	16	88	32	3.23	< 10	10	0.17	< 10	1.28	370
19850E-07475N	201 202	< 5	< 0.2	1.57	< 2	70	< 0.5	< 2	0.45	< 0.5	19	51	16	2.28	< 10	10	0.11	< 10	0.76	310
19850E-07500N	201 202	< 5	< 0.2	1.60	< 2	70	< 0.5	< 2	0.37	< 0.5	10	48	11	2.61	< 10	10	0.08	< 10	0.76	365
19850E-07525N	201 202	< 5	< 0.2	1.76	< 2	130	< 0.5	< 2	0.44	< 0.5	12	57	21	2.55	< 10	30	0.11	< 10	0.83	780
19850E-07550N	201 202	< 5	< 0.2	1.89	< 2	170	< 0.5	< 2	0.32	< 0.5	11	39	13	2.49	< 10	30	0.07	< 10	0.49	715
19850E-07575N	201 202	< 5	< 0.2	2.07	< 2	110	< 0.5	< 2	0.30	< 0.5	10	33	14	2.37	< 10	30	0.07	< 10	0.45	450
19850E-07600N	201 202	< 5	< 0.2	2.36	< 2	160	< 0.5	< 2	0.40	< 0.5	14	47	21	2.99	< 10	30	0.08	< 10	0.64	570
19850E-07625N	201 202	< 5	< 0.2	1.57	< 2	80	< 0.5	< 2	0.57	< 0.5	16	41	18	2.29	< 10	10	0.07	< 10	0.44	615
19850E-07650N	201 202	< 5	< 0.2	1.88	< 2	130	< 0.5	< 2	0.91	< 0.5	15	56	21	3.26	< 10	30	0.31	< 10	0.80	800
19850E-07675N	201 202	< 5	< 0.2	3.16	< 2	210	< 0.5	< 2	0.63	< 0.5	19	51	31	3.88	< 10	30	0.21	< 10	0.96	1220
19850E-07700N	201 202	< 5	< 0.2	3.01	< 2	100	< 0.5	< 2	0.53	< 0.5	9	37	12	2.60	< 10	10	0.07	< 10	0.53	200
19850E-07725N	201 202	< 5	< 0.2	2.77	< 2	370	< 0.5	< 2	0.60	< 0.5	16	69	26	3.22	< 10	10	0.14	< 10	0.81	830
19850E-07750N	201 202	< 5	< 0.2	1.81	< 2	140	< 0.5	< 2	0.41	< 0.5	8	37	8	2.16	< 10	10	0.07	< 10	0.44	615
19850E-07775N	201 202	< 5	< 0.2	2.85	< 2	30	< 0.5	< 2	0.63	< 0.5	14	57	24	2.90	< 10	30	0.07	< 10	0.70	890
19850E-07800N	201 202	< 5	< 0.2	1.67	< 2	90	< 0.5	< 2	0.36	< 0.5	9	25	13	1.87	< 10	10	0.09	< 10	0.41	420

CERTIFICATION:

*Hart Buehler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :1-B  
Total Pages :5  
Certificate Date: 31-JUL-96  
Invoice No. :19625315  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19150E-09100N	201 202	1	0.01	13	500	2	< 2	7	55	0.15	< 10	< 10	93	< 10	40
19150E-09125N	201 202	1	0.01	11	480	6	< 2	8	42	0.15	< 10	< 10	74	< 10	48
19150E-09150N	201 202	< 1	0.01	13	470	6	< 2	7	49	0.15	< 10	< 10	82	< 10	56
19150E-09175N	201 202	1	0.01	19	550	6	< 2	8	57	0.15	< 10	< 10	89	< 10	52
19150E-09200N	201 202	1	0.01	15	360	4	< 2	7	53	0.15	< 10	< 10	83	< 10	66
19150E-09225N	201 202	< 1	0.01	12	400	6	< 2	6	38	0.16	< 10	< 10	73	< 10	50
19150E-09250N	201 202	< 1	0.01	14	410	6	< 2	7	69	0.16	< 10	< 10	86	< 10	48
19150E-09275N	201 202	< 1	0.01	15	340	6	< 2	8	46	0.20	< 10	< 10	103	< 10	48
19150E-09300N	201 202	< 1	0.01	13	390	6	< 2	7	58	0.18	< 10	< 10	89	< 10	72
19150E-09325N	201 202	< 1	0.01	16	300	4	< 2	8	60	0.18	< 10	< 10	98	< 10	48
19150E-09350N	201 202	< 1	0.01	13	380	6	< 2	7	59	0.18	< 10	< 10	93	< 10	44
19150E-09375N	201 202	< 1	0.01	16	590	6	< 2	6	46	0.14	< 10	< 10	80	< 10	44
19150E-09400N	201 202	< 1	0.01	17	940	4	< 2	7	81	0.16	< 10	< 10	86	< 10	42
19150E-09425N	201 202	< 1	0.02	31	1350	2	< 2	8	67	0.12	< 10	< 10	76	< 10	44
19150E-09450N	201 202	< 1	0.01	25	1330	6	< 2	7	69	0.13	< 10	< 10	73	< 10	50
19150E-09475N	201 202	< 1	0.01	20	1230	4	< 2	7	75	0.12	< 10	< 10	69	< 10	40
19150E-09500N	201 202	< 1	0.01	24	1120	6	< 2	7	72	0.13	< 10	< 10	70	< 10	40
19150E-09525N	201 202	< 1	0.01	28	1260	6	< 2	7	76	0.13	< 10	< 10	77	< 10	42
19150E-09550N	201 202	< 1	0.01	26	1220	2	< 2	7	70	0.13	< 10	< 10			



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :2-A  
Total Pages :5  
Certificate Date: 31-JUL-98  
Invoice No. :19625315  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Au ppb TA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
19850E-07825W	201 202	< 5 < 0.2	1.97	2	150 < 0.5	< 2	0.62 < 0.5	11	60	15	2.86 < 10	10	0.14 < 10	0.83	415					
19850E-07850W	201 202	< 5 < 0.2	2.45	< 2	140 < 0.5	< 2	0.37 < 0.5	12	30	71	3.12 < 10	50	0.06 < 10	0.57	620					
19850E-07875W	201 202	< 5 < 0.2	1.69	< 2	230 < 0.5	< 2	0.51 < 0.5	9	31	10	2.11 < 10	10	0.07 < 10	0.43	1050					
19850E-07900W	201 202	< 5 < 0.2	2.56	< 2	160 < 0.5	< 2	0.52 < 0.5	12	31	20	2.95 < 10	30	0.09 < 10	0.65	1333					
19850E-07925W	201 202	< 5 < 0.2	1.64	< 2	90 < 0.5	< 2	0.49 < 0.5	9	28	11	2.05 < 10	10	0.10 < 10	0.44	305					
19850E-07950W	201 202	< 5 < 0.2	1.76	4	190 < 0.5	< 2	0.46 < 0.5	9	31	12	2.06 < 10	20	0.14 < 10	0.47	1040					
19850E-07975W	201 202	< 5 < 0.2	2.37	6	160 < 0.5	< 2	0.55 < 0.5	17	39	31	2.78 < 10	30	0.08 < 10	0.63	1285					
19850E-08000W	201 202	< 5 < 0.2	2.52	< 2	120 < 0.5	< 2	0.46 < 0.5	12	44	41	2.50 < 10	10	0.09 < 10	0.54	1070					
19950E-07450W	201 202	< 5 < 0.2	1.75	< 2	110 < 0.5	< 2	0.50 < 0.5	11	50	16	2.56 < 10	10	0.10 < 10	0.73	460					
19950E-07475W	201 202	< 5 < 0.2	2.09	< 2	130 < 0.5	< 2	0.44 < 0.5	12	46	18	2.60 < 10	10	0.09 < 10	0.72	370					
19950E-07500W	201 202	< 5 < 0.2	2.17	< 2	130 < 0.5	< 2	0.38 < 0.5	13	41	16	2.60 < 10	30	0.07 < 10	0.51	475					
19950E-07525W	201 202	< 5 < 0.2	1.38	< 2	100 < 0.5	< 2	0.64 < 0.5	18	84	25	2.78 < 10	50	0.10 < 10	0.71	915					
19950E-07550W	201 202	< 5 < 0.2	2.06	6	90 < 0.5	< 2	0.89 < 0.5	21	92	51	3.70 < 10	30	0.23 < 10	1.41	975					
19950E-07575W	201 202	< 5 < 0.2	3.01	3	90 < 0.5	< 2	1.00 < 0.5	23	64	50	4.62 < 10	30	0.14 < 10	1.56	705					
19950E-07600W	201 202	< 5 < 0.2	2.78	< 2	130 < 0.5	< 2	1.08 < 0.5	20	70	60	4.07 < 10	50	0.14 < 10	1.38	695					
19950E-07625W	201 202	< 5 < 0.2	2.65	2	120 < 0.5	< 2	0.57 < 0.5	25	154	25	3.45 < 10	30	0.07 < 10	1.83	400					
19950E-07650W	201 202	< 5 < 0.2	1.74	< 2	140 < 0.5	< 2	0.52 < 0.5	11	43	11	2.48 < 10	10	0.08 < 10	0.62	650					
19950E-07675W	201 202	< 5 < 0.2	2.21	< 2	110 < 0.5	< 2	0.91 < 0.5	14	59	74	3.20 < 10	40	0.12 < 10	0.92	325					
19950E-07700W	201 202	< 5 < 0.2	1.57	3	100 < 0.5	< 2	0.68 < 0.5	10	40	21	2.91 < 10	20	0.14 < 10	0.43	285					
19950E-07725W	201 202	< 5 < 0.2	1.63	< 2	140 < 0.5	< 2	0.56 < 0.5	11	44	16	2.78 < 10	10	0.14 < 10	0.61	560					
19950E-07750W	201 202	< 5 < 0.2	2.89	< 2	280 < 0.5	< 2	0.71 < 0.5	14	43	33	3.24 < 10	30	0.18 < 10	0.67	1405					
19950E-07775W	201 202	< 5 < 0.2	2.71	< 2	230 < 0.5	< 2	0.40 < 0.5	12	45	21	2.73 < 10	10	0.13 < 10	0.68	810					
19950E-07800W	201 202	< 5 < 0.2	2.28	9	140 < 0.5	< 2	0.49 < 0.5	11	37	19	2.46 < 10	30	0.11 < 10	0.61	880					
19950E-07825W	201 202	< 5 < 0.2	3.34	2	230 < 0.5	< 2	0.84 < 0.5	19	42	40	3.78 < 10	20	0.17 < 10	0.93	685					
19950E-07850W	201 202	< 5 < 0.2	2.17	2	110 < 0.5	< 2	0.64 < 0.5	14	52	24	3.16 < 10	10	0.14 < 10	0.49	475					
19950E-07875W	201 202	< 5 < 0.2	2.17	< 2	100 < 0.5	< 2	0.62 < 0.5	15	53	22	3.03 < 10	30	0.11 < 10	0.75	605					
19950E-07900W	201 202	< 5 < 0.2	2.84	< 2	210 < 0.5	< 2	0.76 < 0.5	14	48	29	3.04 < 10	10	0.16 < 10	0.71	1075					
19950E-07925W	201 202	< 5 < 0.2	2.46	< 2	160 < 0.5	< 2	0.77 < 0.5	11	34	16	2.47 < 10	40	0.10 < 10	0.55	1020					
19950E-07950W	201 202	< 5 < 0.2	2.92	< 2	270 < 0.5	< 2	0.54 < 0.5	13	43	23	2.79 < 10	30	0.11 < 10	0.53	2110					
19950E-07975W	201 202	< 5 < 0.2	2.32	< 2	130 < 0.5	< 2	0.48 < 0.5	10	39	14	2.54 < 10	10	0.07 < 10	0.58	670					
19950E-08000W	201 202	< 5 < 0.2	2.90	< 2	140 < 0.5	< 2	0.31 < 0.5	10	37	22	2.54 < 10	20	0.05 < 10	0.51	340					
19950E-08025W	201 202	23 < 0.2	2.17	< 2	190 < 0.5	< 2	0.87 < 0.5	12	48	19	2.74 < 10	40	0.11 < 10	0.60	1210					
19950E-08050W	201 202	< 5 < 0.2	3.34	< 2	160 < 0.5	< 2	0.62 < 0.5	13	44	21	2.97 < 10	20	0.10 < 10	0.43	950					
19950E-08075W	201 202	< 5 < 0.2	2.78	< 2	120 < 0.5	< 2	0.65 < 0.5	13	40	23	2.96 < 10	20	0.11 < 10	0.44	340					
19950E-08100W	201 202	< 5 < 0.2	2.07	< 2	170 < 0.5	< 2	0.97 < 0.5	11	24	19	2.62 < 10	30	0.06 < 10	0.58	1120					
19950E-08125W	201 202	< 5 < 0.2	2.55	< 2	180 < 0.5	< 2	0.87 < 0.5	15	32	21	3.33 < 10	30	0.15 < 10	0.78	1310					
19950E-08150W	201 202	< 5 < 0.2	1.96	< 2	40 < 0.5	< 2	0.58 < 0.5	8	38	9	2.29 < 10	10	0.05 < 10	0.35	140					
20050E-07450W	201 202	110 < 0.2	2.10	< 2	130 < 0.5	< 2	0.41 < 0.5	13	55	25	2.85 < 10	10	0.13 < 10	0.74	330					
20050E-07475W	201 202	< 5 < 0.2	2.72	< 2	140 < 0.5	< 2	1.04 < 0.5	18	72	56	3.60 < 10	30	0.14 < 10	0.98	535					
20050E-07500W	201 202	< 5 < 0.2	1.89	< 2	160 < 0.5	< 2	0.55 < 0.5	13	40	13	2.40 < 10	20	0.18 < 10	0.62	695					

CERTIFICATION: *Hartwichler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :2-B  
Total Pages :5  
Certificate Date: 31-JUL-98  
Invoice No. :19625315  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19850E-07425W	201 202	< 1 0.01	34	350	6	< 2	5	67	0.17	< 10	< 10	75	< 10	40	
19850E-07850W	201 202	< 1 0.03	22	1330	6	< 2	4	26	0.13	< 10	< 10	70	< 10	82	
19850E-07875W	201 202	< 1 0.02	20	520	4	< 2	3	30	0.11	< 10	< 10	52	< 10	70	
19850E-07900W	201 202	< 1 0.01	21	590	2	< 2	5	30	0.14	< 10	< 10	69	< 10	70	
19850E-07925W	201 202	< 1 0.02	16	370	2	< 2	3	25	0.11	< 10	< 10	50	< 10	34	
19850E-07950W	201 202	< 1 0.01	19	850	2	< 2	3	25	0.09	< 10	< 10	67	< 10	72	
19850E-07975W	201 202	< 1 0.02	28	1040	8	< 2	5	25	0.11	< 10	< 10	66	< 10	74	
19850E-08000W	201 202	< 1 0.03	38	500	6	< 2	5	23	0.11	< 10	< 10	54	< 10	40	
19950E-07450W	201 202	< 1 0.01	25	580	2	< 2	4	32	0.15	< 10	< 10	69	< 10	56	
19950E-07475W	201 202	< 1 0.02	28	950	4	< 2	4	27	0.13	< 10	< 10	64	< 10	50	
19950E-07500W	201 202	< 1 0.03	30	1890	4	< 2	3	23	0.09	< 10	< 10	60	< 10	56	
19950E-07525W	201 202	< 1 0.01	26	1000	4	< 2	4	34	0.14	< 10	< 10	73	< 10	38	
19950E-07550W	201 202	< 1 0.01	47	910	4	< 2	8	40	0.20	< 10	< 10	97	< 10	44	
19950E-07575W	201 202	< 1 0.01	41	1020	4	< 2	10	55	0.23	< 10	< 10	115	< 10	52	
19950E-07600W	201 202	< 1 0.01	65	930	6	< 2	9	59	0.19	< 10	< 10	105	< 10	52	
19950E-07625W	201 202	< 1 0.01	89	700	2	< 2	2	35	0.18	< 10	< 10	74	< 10	46	
19950E-07650W	201 202	< 1 0.01	23	260	2	< 2	4	31	0.15	< 10	< 10	65	< 10	32	
19950E-07675W	201 202	< 1 0.01	39	410	6	< 2	6	38	0.16	< 10	< 10	85	< 10	36	
19950E-07700W	201 202	< 1 0.01	19	450	6	< 2	5	39	0.15	< 10	< 10	87	< 10	30	
19950E-07725W	201 202	< 1 0.01	22	470	2	< 2	4	31	0.15	< 10	< 10	75	< 10	49	
19950E-07750W	201 202	< 1 0.01	29	860	6	< 2	6	63	0.15	< 10	< 10	82	< 10	88	
19950E-07775W	201 202	< 1 0.03	26	550	6	< 2	5	39	0.15	< 10	< 10	64	< 10	58	
19950E-07800W	201 202	< 1 0.02	21	570	2	< 2	5	37	0.14	< 10	< 10	45	< 10	50	
19950E-07825W	201 202	< 1 0.01	38	1270	8	< 2	8	54	0.18	< 10	< 10	93	< 10	44	
19950E-07850W	201 202	< 1 0.01	27	480	6	< 2	6	38	0.1						



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :3-A  
 Total Pages :5  
 Certificate Date: 31-JUL-98  
 Invoice No. :19625315  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20050E-07525N	201 202	< 5 < 0.2	1.35	< 2	100 < 0.5	2	0.57 < 0.5	11	41	19	2.70 < 10	10	0.17 < 10	0.74	380	10	0.13 < 10	0.72	505	
20050E-07550N	201 202	< 5 < 0.2	2.09	< 2	140 < 0.5	2	0.64 < 0.5	13	40	17	2.88 < 10	10	0.10 < 10	0.69	595	10	0.10 < 10	0.54	695	
20050E-07575N	201 202	< 5 < 0.2	2.27	< 2	180 < 0.5	2	0.40 < 0.5	12	43	18	2.87 < 10	10	0.10 < 10	0.54	695	10	0.08 < 10	0.55	480	
20050E-07600N	201 202	< 5 < 0.2	2.22	< 2	200 < 0.5	2	0.53 < 0.5	11	34	22	2.55 < 10	10	0.11 < 10	0.54	695	10	0.08 < 10	0.55	480	
20050E-07625N	201 202	< 5 < 0.2	1.77	< 2	160 < 0.5	2	0.58 < 0.5	10	30	20	2.57 < 10	10	0.08 < 10	0.55	480	10	0.08 < 10	0.55	480	
20050E-07650N	201 202	< 5 < 0.2	2.04	< 2	110 < 0.5	2	1.21 < 0.5	9	29	33	2.30 < 10	30	0.13 < 10	0.47	530	10	0.13 < 10	0.47	530	
20050E-07675N	201 202	< 5 < 0.2	1.43	< 2	130 < 0.5	2	0.92 < 0.5	11	40	15	2.47 < 10	30	0.14 < 10	0.41	775	10	0.09 < 10	0.60	520	
20050E-07700N	201 202	< 5 < 0.2	1.48	< 2	110 < 0.5	2	0.93 < 0.5	11	38	14	2.51 < 10	10	0.09 < 10	0.60	520	10	0.10 < 10	0.60	910	
20050E-07725N	201 202	< 5 < 0.2	1.43	< 2	110 < 0.5	2	0.49 < 0.5	11	42	18	2.48 < 10	40	0.10 < 10	0.60	910	10	0.10 < 10	0.60	910	
20050E-07750N	201 202	< 5 < 0.2	2.23	< 2	150 < 0.5	2	0.59 < 0.5	13	43	22	2.90 < 10	20	0.10 < 10	0.70	613	10	0.10 < 10	0.70	613	
20050E-07775N	201 202	< 5 < 0.2	1.64	< 2	80 < 0.5	2	0.99 < 0.5	11	48	12	2.69 < 10	20	0.09 < 10	0.71	365	10	0.09 < 10	0.71	365	
20050E-07800N	201 202	< 5 < 0.2	1.73	< 2	120 < 0.5	2	0.81 < 0.5	9	40	12	2.81 < 10	10	0.12 < 10	0.60	295	10	0.12 < 10	0.60	295	
20050E-07825N	201 202	< 5 < 0.2	1.84	< 2	100 < 0.5	2	0.39 < 0.5	12	49	11	2.95 < 10	10	0.11 < 10	0.75	535	10	0.11 < 10	0.75	535	
20050E-07850N	201 202	< 5 < 0.2	1.28	< 2	120 < 0.5	2	0.38 < 0.5	9	25	7	1.92 < 10	60	0.11 < 10	0.44	1105	10	0.11 < 10	0.44	1105	
20050E-07875N	201 202	< 5 < 0.2	2.72	< 2	200 < 0.5	2	0.59 < 0.5	17	50	22	3.15 < 10	20	0.11 < 10	0.88	900	10	0.11 < 10	0.88	900	
20050E-07900N	201 202	< 5 < 0.2	2.99	< 2	150 < 0.5	2	0.42 < 0.5	14	41	22	2.86 < 10	30	0.07 < 10	0.68	400	10	0.07 < 10	0.68	400	
20050E-07925N	201 202	< 5 < 0.2	2.22	< 2	150 < 0.5	2	0.82 < 0.5	12	39	20	2.64 < 10	20	0.08 < 10	0.49	440	10	0.08 < 10	0.49	440	
20050E-07950N	201 202	< 5 < 0.2	2.19	< 2	90 < 0.5	2	0.94 < 0.5	12	44	29	3.02 < 10	10	0.10 < 10	0.73	290	10	0.10 < 10	0.73	290	
20050E-07975N	201 202	< 5 < 0.2	2.90	< 2	70 < 0.5	2	1.37 < 0.5	13	47	25	2.08 < 10	60	0.09 < 10	0.67	340	10	0.09 < 10	0.67	340	
20050E-08000N	201 202	< 5 < 0.2	2.63	< 2	120 < 0.5	2	0.35 < 0.5	13	37	30	2.75 < 10	10	0.08 < 10	0.63	680	10	0.08 < 10	0.63	680	
20050E-08025N	201 202	< 5 < 0.2	2.89	< 2	150 < 0.5	2	0.77 < 0.5	12	39	47	2.85 < 10	30	0.12 < 10	0.65	1165	10	0.12 < 10	0.65	1165	
20050E-08050N	201 202	< 5 < 0.2	2.93	< 2	190 < 0.5	2	0.97 < 0.5	14	40	25	3.11 < 10	20	0.09 < 10	0.73	585	10	0.09 < 10	0.73	585	
20050E-08075N	201 202	< 5 < 0.2	2.44	< 2	160 < 0.5	2	0.59 < 0.5	11	45	17	2.90 < 10	30	0.09 < 10	0.62	380	10	0.09 < 10	0.62	380	
20050E-08100N	201 202	< 5 < 0.2	3.01	< 2	160 < 0.5	2	0.45 < 0.5	11	43	27	2.75 < 10	10	0.10 < 10	0.61	410	10	0.10 < 10	0.61	410	
20050E-08125N	201 202	< 5 < 0.2	2.49	< 2	180 < 0.5	2	0.98 < 0.5	11	34	17	2.98 < 10	30	0.09 < 10	0.54	650	10	0.09 < 10	0.54	650	
20050E-08150N	201 202	< 5 < 0.2	2.44	< 2	170 < 0.5	2	0.54 < 0.5	11	26	22	2.37 < 10	20	0.09 < 10	0.43	650	10	0.09 < 10	0.43	650	
20050E-08175N	201 202	< 5 < 0.2	1.39	< 2	90 < 0.5	2	0.94 < 0.5	8	33	10	2.15 < 10	10	0.12 < 10	0.42	350	10	0.12 < 10	0.42	350	
20050E-08200N	201 202	< 5 < 0.2	1.62	< 2	120 < 0.5	2	0.92 < 0.5	8	43	14	2.00 < 10	10	0.18 < 10	0.48	380	10	0.18 < 10	0.48	380	
20050E-08225N	201 202	< 5 < 0.2	1.33	< 2	140 < 0.5	2	0.46 < 0.5	9	71	11	2.10 < 10	10	0.12 < 10	0.61	410	10	0.12 < 10	0.61	410	
20050E-08250N	201 202	< 5 < 0.2	1.54	< 2	100 < 0.5	2	0.43 < 0.5	10	80	10	2.34 < 10	< 10	0.12 < 10	0.73	190	10	0.12 < 10	0.73	190	
20150E-07450N	201 202	< 5 < 0.2	1.55	< 2	110 < 0.5	2	0.44 < 0.5	8	33	11	2.35 < 10	10	0.08 < 10	0.50	230	10	0.08 < 10	0.50	230	
20150E-07475N	201 202	< 5 < 0.2	2.00	< 2	170 < 0.5	2	0.69 < 0.5	9	29	17	2.48 < 10	10	0.10 < 10	0.47	310	10	0.10 < 10	0.47	310	
20150E-07500N	201 202	< 5 < 0.2	1.79	< 2	130 < 0.5	2	0.92 < 0.5	9	34	13	2.49 < 10	10	0.11 < 10	0.51	395	10	0.11 < 10	0.51	395	
20150E-07525N	201 202	< 5 < 0.2	2.14	< 2	200 < 0.5	2	0.71 < 0.5	11	35	22	2.66 < 10	10	0.19 < 10	0.58	785	10	0.19 < 10	0.58	785	
20150E-07550N	201 202	< 5 < 0.2	2.46	< 2	230 < 0.5	2	0.82 < 0.5	14	45	26	3.30 < 10	30	0.18 < 10	0.80	1220	10	0.18 < 10	0.80	1220	
20150E-07575N	201 202	< 5 < 0.2	1.70	< 2	120 < 0.5	2	0.46 < 0.5	8	31	12	2.26 < 10	10	0.10 < 10	0.48	465	10	0.10 < 10	0.48	465	
20150E-07600N	201 202	< 5 < 0.2	1.69	< 2	140 < 0.5	2	0.54 < 0.5	10	38	20	2.62 < 10	10	0.12 < 10	0.63	770	10	0.12 < 10	0.63	770	
20150E-07625N	201 202	< 5 < 0.2	1.83	< 2	140 < 0.5	2	0.96 < 0.5	11	47	13	2.63 < 10	10	0.12 < 10	0.66	425	10	0.12 < 10	0.66	425	
20150E-07650N	201 202	< 5 < 0.2	2.17	< 2	170 < 0.5	2	0.47 < 0.5	11	41	17	2.67 < 10	20	0.10 < 10	0.60	295	10	0.10 < 10	0.60	295	
20150E-07675N	201 202	< 5 < 0.2	1.97	< 2	100 < 0.5	2	0.46 < 0.5	16	93	28	2.90 < 10	10	0.09 < 10	0.93	195	10	0.09 < 10	0.93	195	

CERTIFICATION: *[Signature]*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :3-B  
 Total Pages :5  
 Certificate Date: 31-JUL-98  
 Invoice No. :19625315  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Mo ppm	Ni %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Ti ppm	U ppm	V ppm	W ppm	Zn ppm
20050E-07525N	201 202	< 1 < 0.01	18	230	6 < 2	5	34	0.22 < 10	< 10	75	< 10	36	10	38	10
20050E-07550N	201 202	< 1 < 0.01	21	220	6 < 2	5	41	0.20 < 10	< 10	76	< 10	38	10	38	10
20050E-07575N	201 202	< 1 < 0.01	24	590	6 < 2	5	38	0.19 < 10	< 10	73	< 10	38	10	38	10
20050E-07600N	201 202	< 1 < 0.01	20	820	4 < 2	4	32	0.12 < 10	< 10	42	< 10	48	10	48	10
20050E-07625N	201 202	< 1 < 0.01	16	720	2 < 2	4	35	0.12 < 10	< 10	70	< 10	38	10	38	10
20050E-07650N	201 202	< 1 < 0.03	21	200	6 < 2	4	39	0.12 < 10	< 10	51	< 10	26	10	26	10
20050E-07675N	201 202	< 1 < 0.01	21	770	4 < 2	4	35	0.13 < 10	< 10	63	< 10	50	10	50	10
20050E-07700N	201 202	< 1 < 0.01	18	330	6 < 2	4	30	0.15 < 10	< 10	71	< 10	36	10	36	10
20050E-07725N	201 202	< 1 < 0.01	20	580	2 < 2	4	30	0.13 < 10	< 10	72	< 10	56	10	56	10
20050E-07750N	201 202	< 1 < 0.01	23	630	6 < 2	5	36	0.16 < 10	< 10	74	< 10	56	10	56	10
20050E-07775N	201 202	< 1 < 0.01	22	310	2 < 2	4	32	0.20 < 10	< 10	74	< 10	33	10	33	10
20050E-07800N	201 202	< 1 < 0.02	21	590	2 < 2	4	30	0.15 < 10	< 10	64	< 10	34	10	34	10
20050E-07825N	201 202	< 1 < 0.02	26	580	6 < 2	4	22	0.18 < 10	< 10	61	< 10	50	10	50	10
20050E-07850N															



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-A  
 Total Pages : 5  
 Certificate Date: 31-JUL-98  
 Invoice No. : 19625315  
 P.O. Number : 20  
 Account : LOY

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20150E-07700N	201 202	60 < 0.2	1.93	10	150 < 0.5	< 2	0.34 < 0.5	13	81	20	2.94 < 10	20	0.11 < 10	0.93	240					
20150E-07725N	201 202	< 5 < 0.2	1.84	4	140 < 0.5	< 2	0.34 < 0.5	11	52	16	2.48 < 10	20	0.08 < 10	0.56	490					
20150E-07750N	201 202	< 5 < 0.2	1.59	8	130 < 0.5	< 2	0.39 < 0.5	10	50	13	2.39 < 10	10	0.08 < 10	0.59	390					
20150E-07775N	201 202	< 5 < 0.2	1.74	2	410 < 0.5	< 2	0.33 < 0.5	10	48	12	2.28 < 10	10	0.09 < 10	0.60	385					
20150E-07800N	201 202	< 5 < 0.2	1.84	6	120 < 0.5	< 2	0.40 < 0.5	10	47	14	2.46 < 10	20	0.08 < 10	0.68	310					
20150E-07825N	201 202	< 5 < 0.2	2.10	6	200 < 0.5	< 2	0.33 < 0.5	11	43	14	2.62 < 10	10	0.09 < 10	0.61	290					
20150E-07850N	201 202	< 5 < 0.2	2.22	6	110 < 0.5	< 2	0.79 < 0.5	12	53	32	3.01 < 10	30	0.14 < 10	0.80	800					
20150E-07875N	201 202	< 5 < 0.2	1.93	8	160 < 0.5	< 2	0.54 < 0.5	15	38	18	2.94 < 10	50	0.08 < 10	0.45	1940					
20150E-07900N	201 202	< 5 < 0.2	2.43	10	150 < 0.5	< 2	0.58 < 0.5	11	51	19	3.05 < 10	10	0.12 < 10	0.66	385					
20150E-07925N	201 202	< 5 < 0.2	2.41	6	110 < 0.5	< 2	0.95 < 0.5	11	48	25	2.72 < 10	30	0.13 < 10	0.64	845					
20150E-07950N	201 202	< 5 < 0.2	2.43	8	130 < 0.5	< 2	0.66 < 0.5	14	47	20	2.85 < 10	20	0.11 < 10	0.67	1250					
20150E-07975N	201 202	< 5 < 0.2	3.28	12	140 < 0.5	< 2	0.78 < 0.5	15	59	42	3.35 < 10	20	0.09 < 10	0.84	560					
20150E-08000N	201 202	< 5 < 0.2	2.27	6	120 < 0.5	< 2	0.54 < 0.5	11	48	18	2.85 < 10	10	0.09 < 10	0.68	350					
20150E-08025N	201 202	< 5 < 0.2	2.70	8	300 < 0.5	< 2	0.65 < 0.5	12	39	17	2.90 < 10	30	0.09 < 10	0.59	1630					
20150E-08050N	201 202	< 5 < 0.2	2.80	6	240 < 0.5	< 2	0.42 < 0.5	12	38	18	2.66 < 10	20	0.07 < 10	0.51	1875					
20150E-08075N	201 202	< 5 < 0.2	2.82	6	210 < 0.5	< 2	0.55 < 0.5	13	43	23	2.98 < 10	30	0.08 < 10	0.75	935					
20150E-08100N	201 202	< 5 < 0.2	3.30	10	120 < 0.5	< 2	0.89 < 0.5	13	49	51	3.21 < 10	20	0.08 < 10	0.65	580					
20150E-08125N	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
20150E-08150N A	201 202	< 5 < 0.2	1.68	6	120 < 0.5	< 2	0.36 < 0.5	6	18	7	1.64 < 10	30	0.06 < 10	0.27	405					
20150E-08150N B	201 202	< 5 < 0.2	1.62	6	110 < 0.5	< 2	0.38 < 0.5	9	25	9	2.53 < 10	50	0.05 < 10	0.41	595					
20150E-08175N	201 202	< 5 < 0.2	1.96	6	100 < 0.5	< 2	0.60 < 0.5	12	60	27	2.93 < 10	10	0.09 < 10	0.87	365					
20150E-08200N	201 202	< 5 < 0.2	2.02	6	120 < 0.5	< 2	0.62 < 0.5	15	198	16	2.99 < 10	20	0.15 < 10	1.63	460					
20150E-08225N	201 202	< 5 < 0.2	1.67	8	130 < 0.5	< 2	0.51 < 0.5	16	251	14	3.09 < 10	10	0.12 < 10	1.87	380					
20150E-08250N	201 202	< 5 < 0.2	1.57	6	210 < 0.5	< 2	0.35 < 0.5	9	101	13	2.10 < 10	< 10	0.09 < 10	0.75	275					
20250E-07450N	201 202	< 5 < 0.2	2.30	6	150 < 0.5	< 2	0.70 < 0.5	12	43	23	2.87 < 10	10	0.11 < 10	0.63	645					
20250E-07475N	201 202	< 5 < 0.2	1.69	2	160 < 0.5	< 2	0.59 < 0.5	9	36	15	2.51 < 10	10	0.08 < 10	0.52	1000					
20250E-07500N	201 202	< 5 < 0.2	2.53	6	190 < 0.5	< 2	0.77 < 0.5	12	51	16	2.88 < 10	30	0.11 < 10	0.64	1540					
20250E-07525N	201 202	< 5 < 0.2	2.62	10	160 < 0.5	< 2	0.63 < 0.5	14	98	21	3.14 < 10	10	0.12 < 10	0.94	565					
20250E-07550N	201 202	< 5 < 0.2	1.86	8	160 < 0.5	< 2	0.58 < 0.5	10	66	17	2.47 < 10	< 10	0.14 < 10	0.66	290					
20250E-07575N	201 202	< 5 < 0.2	1.75	6	130 < 0.5	< 2	0.46 < 0.5	9	37	11	2.38 < 10	< 10	0.06 < 10	0.51	395					
20250E-07600N	201 202	< 5 < 0.2	2.23	6	150 < 0.5	< 2	0.48 < 0.5	11	51	18	2.57 < 10	10	0.07 < 10	0.63	310					
20250E-07625N	201 202	< 5 < 0.2	2.69	6	120 < 0.5	< 2	0.77 < 0.5	12	66	12	2.68 < 10	10	0.08 < 10	0.85	850					
20250E-07650N	201 202	< 5 < 0.2	2.69	6	120 < 0.5	< 2	0.80 < 0.5	15	67	229	3.12 < 10	< 10	0.09 < 10	0.86	480					
20250E-07675N	201 202	< 5 < 0.2	2.62	10	100 < 0.5	< 2	0.68 < 0.5	13	65	18	2.95 < 10	10	0.09 < 10	0.72	255					
20250E-07700N	201 202	< 5 < 0.2	2.73	10	160 < 0.5	< 2	0.73 < 0.5	15	60	25	3.20 < 10	20	0.18 < 10	0.83	705					
20250E-07725N	201 202	< 5 < 0.2	2.83	6	200 < 0.5	< 4	0.70 < 0.5	13	58	27	3.48 < 10	10	0.14 < 10	0.92	745					
20250E-07750N	201 202	< 5 < 0.2	1.71	8	150 < 0.5	< 2	0.52 < 0.5	10	66	12	2.82 < 10	30	0.08 < 10	0.60	950					
20250E-07775N	201 202	< 5 < 0.2	2.49	6	140 < 0.5	< 2	0.62 < 0.5	12	51	20	3.07 < 10	60	0.07 < 10	0.71	495					
20250E-07800N	201 202	< 5 < 0.2	2.07	8	130 < 0.5	< 2	0.55 < 0.5	10	42	15	2.49 < 10	10	0.09 < 10	0.52	460					
20250E-07825N	201 202	< 5 < 0.2	2.49	6	230 < 0.5	< 2	0.34 < 0.5	10	29	14	2.54 < 10	40	0.07 < 10	0.36	1635					

CERTIFICATION: *Heidi Bickler*



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 British Columbia, Canada V7J 2C1  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-B  
 Total Pages : 5  
 Certificate Date: 31-JUL-98  
 Invoice No. : 19625315  
 P.O. Number : 20  
 Account : LOY

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20150E-07700N	201 202	< 1	0.01	44	870	< 2	< 2	3	36	0.15 < 10	< 10	75	< 10	36	
20150E-07725N	201 202	< 1	0.02	30	960	< 2	< 2	6	22	0.12 < 10	< 10	61	< 10	40	
20150E-07750N	201 202	< 1	0.01	27	600	< 2	< 2	4	23	0.13 < 10	< 10	62	< 10	36	
20150E-07775N	201 202	< 1	0.01	27	800	< 2	< 2	4	22	0.12 < 10	< 10	93	< 10	42	
20150E-07800N	201 202	< 1	0.02	27	700	< 2	< 2	4	21	0.14 < 10	< 10	61	< 10	42	
20150E-07825N	201 202	< 1	0.02	24	1430	< 2	< 2	3	21	0.11 < 10	< 10	60	< 10	52	
20150E-07850N	201 202	1	0.03	30	420	< 2	< 2	6	36	0.18 < 10	< 10	81	< 10	58	
20150E-07875N	201 202	1	0.01	18	1400	< 2	< 2	5	29	0.14 < 10	< 10	76	< 10	106	
20150E-07900N	201 202	< 1	0.01	24	770	< 2	< 2	5	38	0.17 < 10	< 10	82	< 10	62	
20150E-07925N	201 202	1	0.01	25	690	< 2	< 2	6	41	0.16 < 10	< 10	73	< 10	60	
20150E-07950N	201 202	< 1	0.01	25	950	< 2	< 2	5	32	0.15 < 10	< 10	70	< 10	80	
20150E-07975N	201 202	< 1	0.01	33	680	< 2	< 2	7	39	0.18 < 10	< 10	87	< 10	76	
20150E-08000N	201 202	< 1	0.01	23	680	< 2	< 2	6	34	0.18 < 10	< 10	77	< 10	44	
20150E-08025N	201 202	< 1	0.03	22	1250	< 2	< 2	5	39	0.16 < 10	< 10	76	< 10	136	
20150E-08050N	201 202	1	0.02	23	620	< 2	< 2	5	27	0.14 < 10	< 10	65	< 10	86	
20150E-08075N	201 202	< 1	0.01	27	1210	< 2	< 2	6	30	0.16 < 10	< 10	74	< 10	78	
20150E-08100N	201 202	< 1	0.04	30	260	< 2	< 2	10	36	0.17 < 10	< 10	74	< 10	58	
20150E-08125N	---	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
20150E-08150N A	201 202	< 1	0.06	11	1240	< 2	< 2	3	19	0.08 < 10	< 10	38	< 10	46	
20150E-08150N B															



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :5-A  
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Certificate Date: 31-JUL-96  
Invoice No. :19625315  
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Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20250K-07850N	201 202	< 5	< 0.2	3.29	6	200	0.5	4	0.53	< 0.5	14	66	23	3.38	< 10	20	0.07	< 10	0.84	885
20250K-07875N	201 202	< 5	< 0.2	3.79	8	170	< 0.5	< 2	0.68	< 0.5	13	43	19	2.98	< 10	20	0.08	< 10	0.65	990
20250K-07900N	201 202	< 5	< 0.2	3.23	10	160	0.5	< 2	0.58	< 0.5	19	43	25	3.50	< 10	10	0.07	< 10	0.86	995
20250K-07925N	201 202	< 5	< 0.2	3.77	8	200	< 0.5	2	0.44	< 0.5	13	34	15	2.76	< 10	30	0.06	< 10	0.57	1050
20250K-07950N	201 202	< 5	< 0.2	2.84	8	130	< 0.5	2	0.63	< 0.5	13	49	19	3.13	< 10	30	0.10	< 10	0.76	515
20250K-07975N	201 202	< 5	< 0.2	2.33	6	140	< 0.5	< 2	0.61	< 0.5	11	40	24	2.71	< 10	20	0.10	< 10	0.56	390
20250K-08000N	201 202	< 5	< 0.2	1.61	6	90	< 0.5	< 2	0.55	< 0.5	8	32	12	2.36	< 10	30	0.12	< 10	0.46	595
20250K-08025N	201 202	< 5	< 0.2	2.48	8	170	< 0.5	< 2	0.86	< 0.5	13	43	18	3.39	< 10	30	0.09	< 10	0.76	900
20250K-08050N	201 202	< 5	< 0.2	2.93	8	170	< 0.5	< 2	0.85	< 0.5	12	29	8	2.89	< 10	40	0.09	< 10	0.60	820
20250K-08075N	201 202	< 5	< 0.2	2.44	6	140	< 0.5	< 2	0.59	< 0.5	12	46	15	3.02	< 10	20	0.08	< 10	0.66	810
20250K-08100N	201 202	< 5	0.2	3.30	10	200	0.5	2	0.51	< 0.5	12	39	23	2.97	< 10	30	0.07	< 10	0.63	285
20250K-08125N	201 202	< 5	< 0.2	2.06	8	150	< 0.5	< 2	0.46	< 0.5	9	60	16	2.41	< 10	10	0.07	< 10	0.51	565
20250K-08150N	201 202	< 5	< 0.2	3.19	8	210	0.5	< 2	0.52	< 0.5	10	40	30	2.49	< 10	10	0.08	< 10	0.97	195
20250K-08175N	201 202	< 5	< 0.2	2.79	8	230	< 0.5	< 2	0.55	< 0.5	11	82	12	2.48	< 10	10	0.08	< 10	0.80	590
20250K-08200N	201 202	< 5	< 0.2	3.04	8	240	< 0.5	< 2	0.49	< 0.5	13	66	18	3.15	< 10	30	0.09	< 10	0.90	525
20250K-08225N	201 202	< 5	< 0.2	1.74	8	140	< 0.5	< 2	0.59	< 0.5	8	46	11	2.47	< 10	< 10	0.11	< 10	0.66	240
20250K-08250N	201 202	< 5	< 0.2	1.44	6	120	< 0.5	< 2	0.61	< 0.5	11	108	15	2.69	< 10	30	0.15	< 10	0.95	415
20250K-08275N	201 202	< 5	< 0.2	1.25	< 2	90	< 0.5	< 2	0.46	< 0.5	9	101	6	2.05	< 10	< 10	0.10	< 10	0.81	365
20250K-08300N	201 202	< 5	< 0.2	1.81	8	150	< 0.5	< 2	0.78	< 0.5	16	156	24	3.11	< 10	10	0.13	< 10	1.59	525
20250K-08325N	201 202	< 5	< 0.2	1.67	2	200	< 0.5	< 2	0.55	< 0.5	15	188	30	2.60	< 10	10	0.15	< 10	1.62	925

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :5-B  
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Certificate Date: 31-JUL-96  
Invoice No. :19625315  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625315

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20250K-07850N	201 202	< 1	0.01	29	940	2	< 2	6	39	0.19	< 10	< 10	86	< 10	94
20250K-07875N	201 202	< 1	0.01	24	870	< 2	< 2	5	34	0.15	< 10	< 10	78	< 10	82
20250K-07900N	201 202	< 1	< 0.01	25	650	< 2	< 2	6	31	0.19	< 10	< 10	90	< 10	80
20250K-07925N	201 202	< 1	0.03	21	800	2	< 2	6	29	0.15	< 10	< 10	69	< 10	76
20250K-07950N	201 202	< 1	< 0.01	25	480	< 2	< 2	5	36	0.19	< 10	< 10	84	< 10	66
20250K-07975N	201 202	< 1	0.01	21	780	2	< 2	5	33	0.15	< 10	< 10	68	< 10	42
20250K-08000N	201 202	< 1	0.01	13	300	2	< 2	4	33	0.17	< 10	< 10	70	< 10	46
20250K-08025N	201 202	< 1	0.01	18	290	2	< 2	6	49	0.22	< 10	< 10	102	< 10	52
20250K-08050N	201 202	< 1	0.01	18	490	4	< 2	6	39	0.19	< 10	< 10	80	< 10	68
20250K-08075N	201 202	< 1	0.01	23	680	2	< 2	6	33	0.17	< 10	< 10	85	< 10	78
20250K-08100N	201 202	< 1	0.02	22	1060	2	< 2	5	32	0.15	< 10	< 10	76	< 10	56
20250K-08125N	201 202	< 1	0.01	20	760	2	< 2	4	28	0.13	< 10	< 10	65	< 10	42
20250K-08150N	201 202	< 1	0.04	25	540	2	< 2	5	38	0.17	< 10	< 10	66	< 10	42
20250K-08175N	201 202	< 1	0.03	51	1070	2	< 2	4	28	0.13	< 10	< 10	97	< 10	60
20250K-08200N	201 202	< 1	0.03	34	1110	2	< 2	7	31	0.18	< 10	< 10	76	< 10	62
20250K-08225N	201 202	< 1	0.03	31	760	2	< 2	4	39	0.14	< 10	< 10	72	< 10	28
20250K-08250N	201 202	< 1	0.01	50	290	2	< 2	4	39	0.17	< 10	< 10	83	< 10	30
20250K-08275N	201 202	< 1	0.03	48	110	< 2	< 2	3	28	0.13	< 10	< 10	57	< 10	22
20250K-08300N	201 202	< 1	< 0.01	87	290	< 2	< 2	6	49	0.16	< 10	< 10	90	< 10	30
20250K-08325N	201 202	< 1	0.02	107	270	< 2	< 2	5	48	0.12	< 10	< 10	68	< 10	24

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number : 1-A  
Total Pages : 4  
Certificate Date: 31-JUL-98  
Invoice No. : 19625317  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cu %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20650E-07450N	201 202	< 5	< 0.2	4.04	4	250	0.5	2	0.75	< 0.5	22	47	30	4.24	10	10	0.17	< 10	0.98	860
20650E-07475N	201 202	< 5	< 0.2	6.43	4	280	0.5	2	0.78	< 0.5	21	77	30	4.16	10	< 10	0.20	< 10	1.11	1330
20650E-07500N	201 202	< 5	< 0.2	3.88	< 2	220	0.5	< 2	0.84	< 0.5	18	59	30	3.95	10	50	0.17	< 10	0.90	475
20650E-07525N	201 202	< 5	< 0.2	2.51	< 2	40	< 0.5	< 2	0.33	< 0.5	9	27	19	2.59	< 10	50	0.04	< 10	0.41	240
20650E-07550N	201 202	< 5	< 0.2	2.99	2	140	< 0.5	< 2	0.43	< 0.5	14	64	20	3.19	< 10	10	0.07	< 10	0.80	440
20650E-07575N	201 202	< 5	< 0.2	2.86	< 2	150	< 0.5	< 2	0.40	< 0.5	15	50	34	3.17	< 10	40	0.06	< 10	0.73	705
20650E-07600N	201 202	< 5	< 0.2	1.33	< 2	80	< 0.5	< 2	0.28	< 0.5	12	35	16	2.66	< 10	50	0.04	< 10	0.42	795
20650E-07625N	201 202	35	< 0.2	2.98	2	160	< 0.5	< 2	0.48	< 0.5	20	68	24	3.64	10	30	0.05	< 10	0.89	1145
20650E-07650N	201 202	< 5	< 0.2	2.80	< 2	140	< 0.5	< 2	1.14	< 0.5	14	51	49	3.08	< 10	10	0.07	< 10	0.69	870
20650E-07675N	201 202	< 5	< 0.2	2.62	< 2	120	< 0.5	< 2	0.81	< 0.5	14	71	24	3.41	< 10	20	0.07	< 10	0.88	415
20650E-07700N	201 202	< 5	< 0.2	3.71	4	140	0.5	< 2	1.03	< 0.5	16	74	54	3.65	< 10	30	0.07	< 10	0.99	435
20650E-07725N	201 202	< 5	< 0.2	2.45	< 2	110	< 0.5	< 2	0.70	< 0.5	19	48	31	3.26	< 10	10	0.08	< 10	0.76	300
20650E-07750N	201 202	< 5	< 0.2	2.87	< 2	110	< 0.5	< 2	0.99	< 0.5	14	77	44	2.52	< 10	< 10	0.06	< 10	0.90	440
20650E-07775N	201 202	< 5	< 0.2	2.82	< 2	100	< 0.9	< 2	0.35	< 0.5	15	40	15	3.85	< 10	40	0.04	< 10	0.87	645
20650E-07800N	201 202	< 5	< 0.2	2.27	< 2	140	< 0.5	< 2	0.20	< 0.5	12	14	13	2.19	< 10	10	0.03	< 10	0.27	830
20650E-07825N	201 202	< 5	< 0.2	2.31	< 2	100	< 0.5	< 2	0.29	< 0.5	12	21	15	2.30	< 10	30	0.04	< 10	0.34	405
20650E-07850N	201 202	< 5	< 0.2	2.39	< 2	130	< 0.5	< 2	0.53	< 0.5	16	59	33	3.14	< 10	10	0.06	< 10	0.80	425
20650E-07875N	201 202	< 5	< 0.2	2.17	< 2	120	< 0.5	< 2	0.39	< 0.5	13	39	21	2.58	< 10	40	0.04	< 10	0.52	505
20650E-07900N	201 202	< 5	< 0.2	1.60	< 2	90	0.5	< 2	0.68	< 0.5	18	49	109	3.27	< 10	10	0.05	< 10	0.70	510
20650E-07925N	201 202	< 5	< 0.2	2.87	< 2	80	< 0.5	< 2	0.66	< 0.5	24	34	87	3.39	< 10	30	0.06	< 10	0.71	740
20650E-07950N	201 202	< 5	< 0.2	3.09	< 2	100	< 0.5	< 2	0.58	< 0.5	19	29	32	3.00	< 10	10	0.05	< 10	0.57	480
20650E-07975N	201 202	< 5	< 0.2	2.89	< 2	110	< 0.5	< 2	0.44	< 0.5	27	80	52	3.74	10	10	0.06	< 10	1.22	505
20650E-08000N	201 202	< 5	< 0.2	3.17	< 2	100	< 0.5	< 2	1.51	< 0.5	20	72	140	3.54	< 10	30	0.10	< 10	0.90	815
20650E-08025N	201 202	< 5	< 0.2	2.39	2	130	< 0.5	< 2	0.41	< 0.5	14	39	23	3.05	< 10	10	0.06	< 10	0.67	845
20650E-08050N	201 202	< 5	< 0.2	2.99	< 2	110	< 0.5	< 2	0.66	< 0.5	23	38	47	3.48	< 10	10	0.06	< 10	0.78	525
20650E-08075N	201 202	< 5	< 0.2	2.83	< 2	130	< 0.5	< 2	0.59	< 0.5	24	23	36	3.67	< 10	10	0.05	< 10	0.78	305
20650E-08100N	201 202	< 5	< 0.2	3.08	< 2	110	< 0.5	< 2	0.46	< 0.5	22	46	34	3.17	< 10	40	0.04	< 10	0.96	880
20650E-08125N	201 202	< 5	< 0.2	2.55	< 2	160	< 0.5	< 2	0.44	< 0.5	24	84	34	3.24	< 10	10	0.06	< 10	1.12	425
20650E-08150N	201 202	< 5	< 0.2	2.69	< 2	110	< 0.5	< 2	0.45	< 0.5	17	45	21	2.97	< 10	10	0.04	< 10	0.65	445
20650E-08175N	201 202	< 5	< 0.2	2.93	< 2	90	< 0.5	< 2	0.84	< 0.5	18	78	33	3.89	< 10	< 10	0.06	< 10	0.98	310
20650E-08200N	201 202	< 5	< 0.2	3.72	< 2	90	0.5	2	0.58	< 0.5	26	79	57	4.14	10	10	0.12	< 10	0.87	245
20650E-08225N	201 202	< 5	< 0.2	1.55	< 2	70	< 0.5	< 2	0.32	< 0.5	10	23	10	2.00	< 10	10	0.04	< 10	0.27	205
20650E-08250N	201 202	< 5	< 0.2	2.60	< 2	130	0.5	< 2	1.12	< 0.5	17	42	474	2.30	< 10	40	0.05	< 10	0.51	1565
20650E-08275N	201 202	< 5	< 0.2	2.12	< 2	140	< 0.5	< 2	0.54	< 0.5	11	54	17	2.43	< 10	10	0.07	< 10	0.55	195
20650E-08300N	201 202	< 5	< 0.2	1.74	< 2	150	< 0.5	< 2	0.50	< 0.5	13	110	12	2.41	< 10	< 10	0.08	< 10	0.79	415
20650E-08325N	201 202	< 5	< 0.2	2.25	2	170	< 0.5	< 2	0.47	< 0.5	13	125	13	2.74	< 10	< 10	0.09	< 10	0.96	275
20650E-08350N	201 202	< 5	< 0.2	2.32	< 2	140	< 0.5	< 2	0.99	< 0.5	23	143	47	4.03	< 10	< 10	0.17	< 10	1.36	755
20650E-08375N	201 202	8	< 0.2	2.19	< 2	270	< 0.5	< 2	1.09	< 0.5	18	141	31	3.73	< 10	10	0.24	< 10	1.26	1005
20650E-08400N	201 202	< 5	< 0.2	2.09	< 2	130	< 0.5	< 2	0.54	< 0.5	14	93	23	2.94	< 10	< 10	0.10	< 10	0.84	770
20650E-08425N	201 202	< 9	< 0.2	1.87	< 2	130	< 0.5	< 2	0.44	< 0.5	13	80	18	2.66	< 10	10	0.11	< 10	0.77	585

CERTIFICATION: *Hart Beckler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number : 1-B  
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## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20650E-07450N	201 202	< 1	< 0.01	30	470	6	2	9	51	0.27	< 10	< 10	107	< 10	64
20650E-07475N	201 202	< 1	< 0.01	38	600	2	< 2	8	42	0.26	< 10	< 10	101	< 10	72
20650E-07500N	201 202	< 1	< 0.01	32	790	< 2	< 2	7	52	0.20	< 10	< 10	95	< 10	62
20650E-07525N	201 202	< 1	0.04	14	1410	6	< 2	3	19	0.13	< 10	< 10	58	< 10	54
20650E-07550N	201 202	< 1	0.01	35	560	2	< 2	5	36	0.22	< 10	< 10	75	< 10	56
20650E-07575N	201 202	< 1	0.01	32	1400	6	< 2	4	23	0.13	< 10	< 10	74	< 10	74
20650E-07600N	201 202	< 1	0.01	14	640	6	< 2	2	16	0.17	< 10	< 10	47	< 10	52
20650E-07625N	201 202	< 1	0.01	34	1080	6	< 2	5	31	0.18	< 10	< 10	93	< 10	72
20650E-07650N	201 202	< 1	0.03	33	350	6	< 2	6	33	0.17	< 10	< 10	47	< 10	56
20650E-07675N	201 202	< 1	0.01	33	500	6	< 2	5	33	0.21	< 10	< 10	78	< 10	44
20650E-07700N	201 202	< 1	0.03	43	270	4	< 2	8	41	0.24	< 10	< 10	82	< 10	42
20650E-07725N	201 202	< 1	< 0.01	34	470	2	< 2	5	28	0.19	< 10	< 10	77	< 10	36
20650E-07750N	201 202	< 1	0.01	27	290	4	< 2	6	36	0.24	< 10	< 10	84	< 10	36
20650E-07775N	201 202	< 1	0.01	22	1880	4	< 2	6	25	0.17	< 10	< 10	97	< 10	60
20650E-07800N	201 202	< 1	0.02	10	1460	6	2	2	13	0.10	< 10	< 10	41	< 10	58
20650E-07825N	201 202	< 1	0.02	12	1890	2	< 2	3	17	0.10	< 10	< 10	80	< 10	32
20650E-07850N	201 202	< 1	0.02	29	1300	2	2	6	32	0.15	< 10	< 10	73	< 10	42
20650E-07875N	201 202	< 1	0.02	24	1140	6	< 2	3	26	0.15	< 10	< 10	40	< 10	44
20650E-07900N	201 202	< 1	0.03	31	320	2	< 2	5	31	0.23	< 10	< 10	78	< 10	46
20650E-07925N															



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number :2-A  
 Total Pages :4  
 Certificate Date: 31-JUL-96  
 Invoice No. :19625317  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20650E-08450W	201 202	< 5 < 0.2	3.22	10	70 < 0.5	< 2	0.73	< 0.5	17	139	50	3.77	< 10	20	0.26	< 10	1.52	450		
20650E-08475W	201 202	< 5 < 0.2	1.34	< 2	70 < 0.5	< 2	2.45	< 0.5	11	65	87	1.97	< 10	60	0.07	< 10	0.93	235		
20650E-08500W	201 202	< 5 < 0.2	0.98	< 2	10 < 0.5	< 2	4.42	< 0.5	0	1	3	5	0.09	< 10	160	0.03	< 10	0.23	60	
20650E-08525W	201 202	< 5 < 0.2	0.05	< 2	10 < 0.5	< 2	4.14	< 0.5	< 1	1	4	0.07	< 10	190	0.03	< 10	0.20	125		
20650E-08550W	201 202	< 5 < 0.2	1.63	< 2	120 < 0.5	< 2	0.75	< 0.5	12	84	14	2.79	< 10	30	0.09	< 10	0.71	405		
20650E-08575W	201 202	< 5 < 0.2	1.71	< 2	80 < 0.5	< 2	0.64	< 0.5	11	76	17	2.65	< 10	10	0.14	< 10	0.68	230		
20650E-08400W	201 202	< 5 < 0.2	1.81	< 2	90 < 0.5	< 2	0.85	< 0.5	16	142	34	2.79	< 10	10	0.14	< 10	1.08	350		
20650E-08425W	201 202	< 5 < 0.2	1.78	< 2	140 < 0.5	< 2	0.91	< 0.5	13	95	49	2.34	< 10	30	0.17	< 10	0.80	450		
20650E-08450W	201 202	< 5 < 0.2	1.46	< 2	100 < 0.5	< 2	0.86	< 0.5	16	109	29	3.12	< 10	20	0.14	< 10	1.04	505		
20650E-08475W	201 202	< 5 < 0.2	1.84	< 2	180 < 0.5	< 2	0.48	< 0.5	13	91	24	2.42	< 10	40	0.14	< 10	0.76	465		
20650E-08700W	201 202	< 5 < 0.2	1.79	< 2	190 < 0.5	< 2	0.57	< 0.5	15	96	25	2.68	< 10	30	0.18	< 10	0.79	815		
20650E-08725W	201 202	< 5 < 0.2	1.82	< 2	200 < 0.5	< 2	0.62	< 0.5	14	84	26	2.59	< 10	40	0.14	< 10	0.68	695		
20650E-08750W	201 202	< 5 < 0.2	1.65	< 2	130 < 0.5	< 2	0.49	< 0.5	14	117	21	2.95	< 10	10	0.14	< 10	0.72	420		
20750E-07450W	201 202	< 5 < 0.2	2.33	< 2	90 < 0.5	< 2	0.53	< 0.5	14	63	21	3.23	< 10	10	0.07	< 10	0.91	375		
20750E-07475W	201 202	< 5 < 0.2	2.95	< 2	130 < 0.5	< 2	0.42	< 0.5	15	70	23	3.14	< 10	20	0.07	< 10	0.93	470		
20750E-07500W	201 202	< 5 < 0.2	2.67	< 2	100 < 0.5	< 2	0.39	< 0.5	14	68	23	3.21	< 10	20	0.06	< 10	0.90	600		
20750E-07525W	201 202	< 5 < 0.2	2.52	< 2	4 100 < 0.5	< 2	0.52	< 0.5	13	55	20	3.10	< 10	< 10	0.05	< 10	0.79	220		
20750E-07550W	201 202	< 5 < 0.2	3.03	< 2	140 < 0.5	< 2	0.48	< 0.5	13	48	21	3.28	< 10	10	0.05	< 10	0.80	510		
20750E-07575W	201 202	< 5 < 0.2	2.57	< 2	150 < 0.5	< 2	0.26	< 0.5	11	25	14	2.81	< 10	30	0.04	< 10	0.46	1230		
20750E-07600W	201 202	< 5 < 0.2	3.30	< 2	80 < 0.5	< 2	0.44	< 0.5	11	36	28	2.69	< 10	30	0.04	< 10	0.55	330		
20750E-07625W	201 202	< 5 < 0.2	3.10	< 2	150 < 0.5	< 2	0.38	< 0.5	15	55	27	3.08	< 10	30	0.05	< 10	0.74	910		
20750E-07650W	201 202	< 5 < 0.2	2.14	< 2	80 < 0.5	< 2	0.23	< 0.5	9	21	8	2.22	< 10	50	0.03	< 10	0.29	315		
20750E-07675W	201 202	< 5 < 0.2	2.72	< 2	120 < 0.5	< 2	0.24	< 0.5	14	55	33	2.91	< 10	40	0.03	< 10	0.77	450		
20750E-07700W	201 202	< 5 < 0.2	2.70	< 2	130 < 0.5	< 2	0.49	< 0.5	16	55	40	2.95	< 10	20	0.05	< 10	0.75	420		
20750E-07725W	201 202	< 5 < 0.2	2.29	< 2	70 < 0.5	< 2	0.33	< 0.5	9	36	14	2.22	< 10	10	0.03	< 10	0.34	665		
20750E-07750W	201 202	< 5 < 0.2	2.91	< 2	110 < 0.5	< 2	0.41	< 0.5	12	35	24	2.58	< 10	40	0.05	< 10	0.50	485		
20750E-07775W	201 202	< 5 < 0.2	2.41	< 2	180 < 0.5	< 2	0.32	< 0.5	14	30	18	2.49	< 10	40	0.05	< 10	0.40	1235		
20750E-07800W	201 202	< 5 < 0.2	2.89	< 2	150 < 0.5	< 2	0.40	< 0.5	16	49	34	3.08	< 10	40	0.06	< 10	0.47	350		
20750E-07825W	201 202	< 5 < 0.2	2.37	< 2	220 < 0.5	< 2	0.64	< 0.5	13	44	39	2.84	< 10	10	0.07	< 10	0.64	635		
20750E-07850W	201 202	< 5 < 0.2	2.63	< 2	130 < 0.5	< 2	0.94	< 0.5	20	84	80	3.92	< 10	10	0.16	< 10	1.56	450		
20750E-07875W	201 202	< 5 < 0.2	2.84	< 2	130 < 0.5	< 2	0.71	< 0.5	19	56	129	2.75	< 10	10	0.06	< 10	0.66	330		
20750E-07900W	201 202	< 5 < 0.2	1.88	< 2	90 < 0.5	< 2	0.29	< 0.5	11	24	14	2.38	< 10	20	0.04	< 10	0.39	550		
20750E-07925W	201 202	< 5 < 0.2	2.32	< 2	100 < 0.5	< 2	0.31	< 0.5	20	21	34	3.25	< 10	< 10	0.04	< 10	0.51	465		
20750E-07950W	201 202	< 5 < 0.2	1.70	< 2	90 < 0.5	< 2	0.25	< 0.5	12	23	59	1.95	< 10	70	0.06	< 10	0.43	600		
20750E-07975W	201 202	< 5 < 0.2	1.58	< 2	60 < 0.5	< 2	1.03	< 0.5	12	33	138	1.71	< 10	40	0.05	< 10	0.46	620		
20750E-08000W	201 202	< 5 < 0.2	1.44	< 2	80 < 0.5	< 2	0.97	< 0.5	13	25	110	2.07	< 10	30	0.06	< 10	0.42	420		
20750E-08025W	201 202	< 5 < 0.2	1.44	< 2	50 < 0.5	< 2	0.36	< 0.5	9	19	41	1.47	< 10	40	0.03	< 10	0.39	325		
20750E-08050W	201 202	< 5 < 0.2	1.77	< 2	100 < 0.5	< 2	0.35	< 0.5	14	41	27	2.39	< 10	30	0.03	< 10	0.58	380		
20750E-08075W	201 202	< 5 < 0.2	1.01	< 2	50 < 0.5	< 2	0.38	< 0.5	7	14	7	1.44	< 10	80	0.03	< 10	0.29	475		
20750E-08100W	201 202	< 5 < 0.2	2.42	< 2	60 < 0.5	< 2	0.35	< 0.5	16	51	29	2.82	< 10	40	0.04	< 10	0.74	465		

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number :2-B  
 Total Pages :4  
 Certificate Date: 31-JUL-96  
 Invoice No. :19625317  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20650E-08450W	201 202	< 1 < 0.01	58	400	6	< 2	10	47	0.18	< 10	< 10	98	< 10	42	
20650E-08475W	201 202	1 < 0.01	33	450	2	< 2	4	72	0.12	< 10	< 10	90	< 10	28	
20650E-08500W	201 202	1 < 0.01	1	640	< 2	< 2	< 1	86	< 0.01	< 10	< 10	4	< 10	6	
20650E-08525W	201 202	1 < 0.01	< 1	620	< 2	< 2	< 1	89	< 0.01	< 10	< 10	1	< 10	8	
20650E-08550W	201 202	< 1 < 0.01	28	660	6	< 2	5	54	0.16	< 10	< 10	77	< 10	58	
20650E-08575W	201 202	< 1 < 0.01	27	310	4	< 2	3	42	0.18	< 10	< 10	49	< 10	40	
20650E-08600W	201 202	< 1 < 0.01	57	180	16	< 2	5	32	0.15	< 10	< 10	49	< 10	48	
20650E-08625W	201 202	< 1 < 0.01	45	390	14	< 2	4	39	0.10	< 10	< 10	48	< 10	58	
20650E-08650W	201 202	1 < 0.01	46	500	18	< 2	5	29	0.12	< 10	< 10	76	< 10	52	
20650E-08675W	201 202	< 1 < 0.01	35	520	16	< 2	6	40	0.10	< 10	< 10	54	< 10	62	
20650E-08700W	201 202	< 1 < 0.01	40	750	18	< 2	4	45	0.10	< 10	< 10	58	< 10	66	
20650E-08725W	201 202	< 1 < 0.01	35	740	16	< 2	6	47	0.11	< 10	< 10	40	< 10	78	
20650E-08750W	201 202	0 1 < 0.01	34	790	12	< 2	4	33	0.12	< 10	< 10	73	< 10	60	
20750E-07450W	201 202	< 1 < 0.01	29	1000	4	< 2	5	37	0.18	< 10	< 10	85	< 10	42	
20750E-07475W	201 202	< 1 < 0.01	38	1440	4	< 2	5	28	0.13	< 10	< 10	72	< 10	42	
20750E-07500W	201 202	< 1 < 0.01	36	700	2	< 2	3	25	0.18	< 10	< 10	80	< 10	52	
20750E-07525W	201 202	< 1 < 0.01	26	470	4	< 2	5	24	0.17	< 10	< 10	49	< 10	40	
20750E-07550W	201 202	< 1 < 0.01	27	810	2	< 2	5	29	0.18	< 10	< 10	76	< 10	58	
20750E-07575W	201 202	< 1 < 0.02	15	820	8	< 2	3	17	0.16	< 10	< 10	64	< 10	66	
20750E-07600W															





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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :3-A  
 Total Pages :4  
 Certificate Date: 31-JUL-96  
 Invoice No. :19625317  
 P.O. Number :20  
 Account :LOY

Project : PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
20750E-08125W	201 202	< 5 < 0.2	2.27	< 2	120	< 0.5	< 2	0.46	< 0.5	15	55	24	2.97	< 10	60	0.05	< 10	0.72	410	
20750E-08150W	201 202	< 5 < 0.2	1.93	< 2	80	< 0.5	< 2	0.53	< 0.5	14	33	20	2.54	< 10	30	0.07	< 10	0.55	420	
20750E-08175W	201 202	< 5 < 0.2	2.38	< 2	100	< 0.5	< 2	0.43	< 0.5	20	79	44	3.16	< 10	10	0.06	< 10	1.06	345	
20750E-08200W	201 202	< 5 < 0.2	2.25	< 2	140	< 0.5	< 2	0.33	< 0.5	14	45	21	2.64	< 10	20	0.05	< 10	0.58	385	
20750E-08225W	201 202	< 5 < 0.2	2.30	< 2	140	< 0.5	< 2	0.46	< 0.5	11	36	19	2.26	< 10	20	0.07	< 10	0.46	230	
20750E-08250W	201 202	0.5	0.2	1.91	< 2	120	0.5	< 2	1.31	< 0.5	27	48	46	3.41	< 10	30	0.12	< 10	0.77	825
20750E-08275W	201 202	0.5	0.2	2.47	< 2	60	0.5	< 2	0.73	0.5	20	71	38	3.84	< 10	10	0.09	< 10	1.28	340
20750E-08300W	201 202	0.5	0.2	1.82	< 2	60	0.5	< 2	0.80	< 0.5	9	32	49	2.08	< 10	10	0.05	< 10	0.37	225
20750E-08325W	201 202	< 5 < 0.2	1.80	< 2	50	< 0.5	< 2	0.53	0.5	9	35	12	2.21	< 10	10	0.08	< 10	0.39	175	
20750E-08350W	201 202	< 5 < 0.2	1.71	< 2	100	< 0.5	< 2	0.64	< 0.5	13	81	17	2.94	< 10	10	0.12	< 10	0.74	380	
20750E-08375W	201 202	< 5 < 0.2	1.58	0.2	90	< 0.5	< 2	0.57	< 0.5	16	88	26	2.99	0.10	30	0.10	0.10	0.88	580	
20750E-08400W	201 202	< 5 < 0.2	2.46	< 2	80	< 0.5	< 2	0.76	< 0.5	13	80	25	3.07	< 10	10	0.08	< 10	0.71	345	
20750E-08425W	201 202	0.5	0.2	1.72	< 2	150	< 0.5	< 2	0.47	0.5	11	28	17	2.11	< 10	50	0.08	< 10	0.39	490
20750E-08450W	201 202	< 5 < 0.2	2.10	0.2	190	< 0.5	< 2	0.43	< 0.5	16	48	76	2.85	0.10	30	0.08	< 10	0.44	1230	
20750E-08475W	201 202	< 5 < 0.2	1.32	0.2	100	< 0.5	0.2	1.54	0.5	13	39	152	1.99	0.10	40	0.06	< 10	0.59	790	
20750E-08500W	201 202	60	< 0.2	1.26	< 2	120	< 0.5	< 2	0.38	< 0.5	7	18	9	1.94	< 10	10	0.11	0.10	0.32	600
20750E-08525W	201 202	0.5	0.2	1.15	< 2	90	< 0.5	< 2	0.55	< 0.5	7	25	10	2.29	< 10	10	0.10	< 10	0.42	295
20750E-08550W	201 202	< 5 < 0.2	1.63	< 2	180	< 0.5	< 2	0.43	< 0.5	10	31	16	2.14	0.10	10	0.11	0.10	0.57	340	
20750E-08575W	201 202	< 5 < 0.2	1.49	0.2	100	< 0.5	< 2	0.55	< 0.5	11	90	11	2.66	0.10	< 10	0.10	0.10	0.48	440	
20750E-08600W	201 202	< 5 < 0.2	1.36	< 2	140	< 0.5	< 2	0.49	< 0.5	10	85	10	2.46	< 10	< 10	0.10	0.10	0.45	400	
20750E-08625W	201 202	0.5	< 0.2	2.01	6	220	< 0.5	< 2	1.12	< 0.5	13	91	109	2.86	< 10	30	0.15	0.10	0.70	1260
20750E-08650W	201 202	10	< 0.2	1.36	< 2	130	< 0.5	< 2	0.34	< 0.5	13	119	16	2.37	0.10	10	0.09	< 10	0.86	515
20750E-08675W	201 202	0.5	0.2	1.27	< 2	130	< 0.5	0.2	0.38	< 0.5	11	105	12	2.37	0.10	10	0.14	< 10	0.76	630
20750E-08700W	201 202	0.5	0.2	1.49	0.2	170	< 0.5	< 2	0.46	0.5	13	112	16	2.48	< 10	10	0.21	< 10	0.80	705
20750E-08725W	201 202	40	< 0.2	1.36	0.2	140	< 0.5	< 2	0.36	< 0.5	9	92	11	1.99	< 10	10	0.13	< 10	0.64	495
20750E-08750W	201 202	45	< 0.2	2.06	< 2	170	< 0.5	< 2	0.59	0.5	21	221	37	3.37	< 10	10	0.30	< 10	1.46	880
20750E-08775W	201 202	< 5 < 0.2	2.30	< 2	170	< 0.5	< 2	0.88	< 0.5	26	300	43	3.95	< 10	30	0.28	< 10	2.47	745	
20750E-08800W	201 202	< 5 < 0.2	2.16	< 2	150	< 0.5	< 2	0.77	0.5	18	209	41	3.54	< 10	20	0.27	< 10	1.45	620	
20750E-08825W	201 202	< 5 < 0.2	1.77	0.2	210	< 0.5	< 2	0.76	< 0.5	17	214	28	3.14	< 10	10	0.25	< 10	1.35	735	
20750E-08850W	201 202	< 5 < 0.2	1.87	< 2	210	< 0.5	< 2	0.60	0.5	12	95	24	2.86	< 10	10	0.14	< 10	0.74	515	
20750E-08875W	201 202	15	0.2	1.60	< 2	90	< 0.5	< 2	1.91	0.5	15	76	157	2.51	0.10	50	0.11	< 10	0.82	630
20750E-08900W	201 202	0.5	0.2	1.64	< 2	100	< 0.5	< 2	0.68	< 0.5	12	46	21	3.10	< 10	10	0.16	< 10	0.70	360
20750E-08925W	201 202	0.5	< 0.2	1.69	0.2	120	< 0.5	< 2	0.62	< 0.5	11	60	16	2.83	0.10	10	0.15	< 10	0.57	300
20750E-08950W	201 202	< 5 < 0.2	1.64	< 2	150	< 0.5	< 2	0.60	< 0.5	10	51	18	2.65	0.10	10	0.14	< 10	0.54	435	
20750E-08975W	201 202	0.5	0.2	1.39	< 2	110	< 0.5	0.2	0.60	< 0.5	9	35	14	2.37	< 10	30	0.15	< 10	0.44	520
20750E-09000W	201 202	0.5	< 0.2	1.46	0.2	150	< 0.5	< 2	0.54	< 0.5	8	33	13	2.33	0.10	10	0.12	< 10	0.41	680
20750E-09025W	201 202	< 5 < 0.2	1.49	< 2	120	< 0.5	< 2	0.44	< 0.5	12	70	25	2.82	< 10	10	0.17	< 10	0.73	715	
20750E-09050W	201 202	0.5	< 0.2	1.11	0.2	100	< 0.5	< 2	0.42	< 0.5	8	41	11	1.86	0.10	20	0.12	< 10	0.47	495
20750E-09075W	201 202	< 5 < 0.2	1.35	0.2	150	< 0.5	0.2	0.43	< 0.5	8	61	12	1.96	0.10	10	0.13	< 10	0.55	680	
20750E-09100W	201 202	0.5	< 0.2	1.56	0.2	160	< 0.5	< 2	0.25	< 0.5	9	82	12	2.04	< 10	30	0.11	< 10	0.57	385

CERTIFICATION: Hart Bickler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brookbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number :3-B  
 Total Pages :4  
 Certificate Date: 31-JUL-96  
 Invoice No. :19625317  
 P.O. Number :20  
 Account :LOY

Project : PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Tl	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
20750E-08125W	201 202	< 1	0.01	29	1000	2	< 2	6	29	0.15	< 10	< 10	70	< 10	36
20750E-08150W	201 202	< 1	0.02	18	1730	4	< 2	3	29	0.10	< 10	< 10	53	< 10	34
20750E-08175W	201 202	< 1	< 0.01	44	1040	6	< 2	3	25	0.14	< 10	< 10	78	< 10	36
20750E-08200W	201 202	< 1	0.01	24	1380	2	4	3	20	0.12	< 10	< 10	54	< 10	40
20750E-08225W	201 202	< 1	0.01	19	1390	< 2	4	3	25	0.12	< 10	< 10	67	< 10	34
20750E-08250W	201 202	< 1	0.01	21	2490	2	4	6	62	0.13	0.10	0.10	75	0.10	38
20750E-08275W	201 202	0.1	< 0.01	33	570	< 2	< 2	7	41	0.34	< 10	0.10	109	< 10	40
20750E-08300W	201 202	0.1	< 0.02	20	160	2	0.2	3	22	0.16	< 10	0.10	60	< 10	18
20750E-08325W	201 202	0.1	0.01	15	130	< 2	< 2	2	20	0.20	< 10	0.10	64	< 10	20
20750E-08350W	201 202	< 1	< 0.01	34	570	4	2	4	33	0.15	< 10	< 10	76	< 10	34
20750E-08375W	201 202	< 1	0.01	39	780	4	0.2	5	22	0.14	0.10	< 10	78	< 10	40
20750E-08400W	201 202	< 1	0.01	35	200	6	6	5	30	0.17	< 10	0.10	70	< 10	36
20750E-08425W	201 202	1	0.01	15	2940	4	0.2	3	24	0.09	0.10	< 10	38	0.10	46
20750E-08450W	201 202	< 1	0.01	24	1410	6	0.2	5	31	0.14	< 10	< 10	59	< 10	46
20750E-08475W	201 202	< 1	0.01	24	330	< 2	< 2	6	33	0.12	0.10	< 10	51	< 10	30
20750E-08500W	201 202	< 1	0.01	0	660	4	< 2	2	20	0.09	< 10	< 10	48	< 10	30
20750E-08525W	201 202	< 1	< 0.01	9	310	2	< 2	3	26	0.13	< 10	< 10	47	< 10	28
20750E-08550W	201 202	< 1	0.02	29	1370	2	2	3	23	0.08	< 10	< 10	67	< 10	40
20750E-08575W</															



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number : 4-A  
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## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20750E-09125W	201 202	< 5	< 0.2	1.23	< 2	110	< 0.5	2	0.32	< 0.5	7	43	10	1.98	< 10	10	0.09	< 10	0.49	340
20750E-09150W	201 202	< 5	< 0.2	1.14	< 2	110	< 0.5	< 2	0.34	< 0.5	8	43	11	1.99	< 10	10	0.12	< 10	0.50	400
20750E-09175W	201 202	< 5	< 0.2	1.34	< 2	90	< 0.5	< 2	0.34	< 0.5	7	39	11	2.09	< 10	10	0.09	< 10	0.51	155
20750E-09200W	201 202	< 5	< 0.2	1.26	< 2	70	< 0.5	< 2	0.41	< 0.5	9	54	14	2.33	< 10	< 10	0.09	< 10	0.61	195
20750E-09225W	201 202	< 5	< 0.2	1.20	< 2	90	< 0.5	< 2	0.25	< 0.5	6	30	8	1.70	< 10	10	0.08	< 10	0.31	175
20750E-09250W	201 202	< 5	< 0.2	1.62	< 2	130	< 0.5	< 2	0.38	< 0.5	8	37	13	2.07	< 10	20	0.11	< 10	0.46	400
20750E-09275W	201 202	< 5	< 0.2	2.02	< 2	190	< 0.5	< 2	0.41	0.5	9	36	13	2.53	< 10	10	0.10	< 10	0.41	400
20750E-09300W	201 202	< 5	< 0.2	1.68	< 2	170	< 0.5	< 2	0.51	< 0.5	9	35	13	2.01	< 10	30	0.11	< 10	0.40	980
20750E-09325W	201 202	< 5	< 0.2	1.94	< 2	110	< 0.5	< 2	0.67	< 0.5	11	51	21	2.65	< 10	30	0.22	< 10	0.58	360
20750E-09350W	201 202	< 5	< 0.2	1.79	< 2	210	< 0.5	< 2	2.32	< 0.5	11	46	71	2.40	< 10	30	0.13	< 10	0.76	230

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number : 4-B  
 Total Pages : 4  
 Certificate Date: 31-JUL-98  
 Invoice No. : 19625317  
 P.O. Number : 20  
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## CERTIFICATE OF ANALYSIS A9625317

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20750E-09125W	201 202	< 1	0.01	19	430	2	< 2	1	15	0.08	< 10	< 10	42	< 10	30
20750E-09150W	201 202	< 1	0.01	18	510	2	< 2	2	16	0.09	< 10	< 10	44	< 10	34
20750E-09175W	201 202	< 1	< 0.01	15	400	2	< 2	2	15	0.11	< 10	< 10	52	< 10	30
20750E-09200W	201 202	< 1	0.01	20	780	2	2	3	21	0.10	< 10	< 10	55	< 10	32
20750E-09225W	201 202	< 1	0.01	11	690	4	< 2	1	14	0.09	< 10	< 10	37	< 10	32
20750E-09250W	201 202	< 1	0.01	18	830	6	2	3	20	0.09	< 10	< 10	45	< 10	48
20750E-09275W	201 202	< 1	0.02	19	1240	2	2	3	25	0.12	< 10	< 10	57	< 10	48
20750E-09300W	201 202	< 1	0.01	15	470	4	4	3	29	0.11	< 10	< 10	45	< 10	56
20750E-09325W	201 202	< 1	0.03	18	220	4	< 2	5	36	0.15	< 10	< 10	56	< 10	34
20750E-09350W	201 202	< 1	0.02	25	820	2	< 2	5	72	0.09	< 10	< 10	51	< 10	36

CERTIFICATION: *[Signature]*



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TO: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 1-A  
 Total Pages : 6  
 Certificate Date: 31-JUL-96  
 Invoice No. : 19625318  
 P.O. Number : 20  
 Account : LOY

Project: PLUG  
 Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA-AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
20850E-07450N	201 202	< 5 < 0.2	2.60	6	110 < 0.5	< 2	0.43 < 0.5	12	53	17	3.05	< 10	30	0.06	< 10	0.73	265			
20850E-07475N	201 202	< 5 < 0.2	2.30	4	80 < 0.5	< 2	0.37 < 0.5	11	40	14	2.59	< 10	20	0.05	< 10	0.55	195			
20850E-07500N	201 202	< 5 < 0.2	2.73	2	70 < 0.5	< 2	0.35 < 0.5	12	47	13	3.11	< 10	20	0.06	< 10	0.76	310			
20850E-07525N	201 202	< 5 < 0.2	2.52	4	130 < 0.5	< 2	0.34 < 0.5	10	37	15	2.50	< 10	30	0.05	< 10	0.47	1120			
20850E-07550N	201 202	< 5 < 0.2	3.95	6	230 < 0.5	< 2	0.43 < 0.5	14	64	38	3.52	< 10	40	0.09	< 10	0.81	495			
20850E-07575N	201 202	< 5 < 0.2	2.36	6	120 < 0.5	< 2	0.23 < 0.5	10	21	12	2.09	< 10	50	0.05	< 10	0.35	445			
20850E-07600N	201 202	< 5 < 0.2	2.90	2	180 < 0.5	< 2	0.35 < 0.5	11	35	20	2.78	< 10	20	0.05	< 10	0.58	210			
20850E-07625N	201 202	< 5 < 0.2	1.56	< 2	80 < 0.5	< 2	0.16 < 0.5	6	17	9	2.04	< 10	30	0.02	< 10	0.20	285			
20850E-07650N	201 202	< 5 < 0.2	2.74	4	60 < 0.5	< 2	0.41 < 0.5	13	26	11	2.84	< 10	30	0.03	< 10	0.70	350			
20850E-07675N	201 202	< 5 < 0.2	3.11	2	70 < 0.5	< 2	0.49 < 0.5	11	26	19	2.72	< 10	30	0.05	< 10	0.60	470			
20850E-07700N	201 202	< 5 < 0.2	2.48	4	160 < 0.5	< 2	0.52 < 0.5	12	38	26	2.58	< 10	30	0.06	< 10	0.61	740			
20850E-07725N	201 202	< 5 < 0.2	2.32	2	170 < 0.5	< 2	0.43 < 0.5	13	63	26	2.83	< 10	30	0.06	< 10	0.68	750			
20850E-07750N	201 202	< 5 < 0.2	2.47	4	130 < 0.5	< 2	0.42 < 0.5	14	56	30	3.17	< 10	40	0.05	< 10	0.69	710			
20850E-07775N	201 202	< 5 < 0.2	2.91	6	140 < 0.5	< 2	0.48 < 0.5	12	36	48	2.77	< 10	40	0.08	< 10	0.62	350			
20850E-07800N	201 202	< 5 < 0.2	2.54	6	140 < 0.5	< 2	0.40 < 0.5	13	49	30	2.85	< 10	30	0.06	< 10	0.65	585			
20850E-07825N	201 202	< 5 < 0.2	2.11	< 2	100 < 0.5	< 2	0.50 < 0.5	13	51	46	2.64	< 10	10	0.05	< 10	0.68	355			
20850E-07850N	201 202	< 5 < 0.2	2.69	8	90 < 0.5	< 2	0.40 < 0.5	20	83	61	3.47	< 10	10	0.06	< 10	1.01	345			
20850E-07875N	201 202	< 5 < 0.2	2.81	6	70 < 0.5	< 2	0.44 < 0.5	12	25	112	2.15	< 10	20	0.05	< 10	0.37	130			
20850E-07900N	201 202	< 5 < 0.2	2.70	4	120 < 0.5	< 2	0.30 < 0.5	17	55	42	3.18	< 10	30	0.05	< 10	0.82	260			
20850E-07925N	201 202	< 5 < 0.2	2.74	6	80 < 0.5	< 2	0.95 < 0.5	10	15	9.5	1.87	< 10	30	0.04	< 10	0.27	330			
20850E-07950N	201 202	< 5 < 0.2	2.57	2	110 < 0.5	< 2	0.53 < 0.5	15	48	46	2.85	< 10	20	0.08	< 10	0.70	365			
20850E-07975N	201 202	< 5 < 0.2	2.65	4	70 < 0.5	< 2	0.68 < 0.5	15	66	58	3.35	< 10	10	0.12	< 10	0.88	320			
20850E-08000N	201 202	< 5 < 0.2	2.11	2	30 < 0.5	< 2	0.59 < 0.5	9	36	18	2.18	< 10	10	0.06	< 10	0.45	280			
20850E-08025N	201 202	< 5 < 0.2	2.47	8	80 < 0.5	< 2	0.86 < 0.5	12	95	37	2.85	< 10	30	0.10	< 10	0.64	330			
20850E-08050N	201 202	< 5 < 0.2	1.74	2	100 < 0.5	< 2	0.43 < 0.5	10	41	16	2.17	< 10	10	0.09	< 10	0.49	255			
20850E-08075N	201 202	< 5 < 0.2	1.59	6	40 < 0.5	< 2	0.75 < 0.5	15	63	30	2.82	< 10	10	0.16	< 10	0.88	405			
20850E-08100N	201 202	< 5 < 0.2	1.45	< 2	70 < 0.5	< 2	0.57 < 0.5	10	58	14	2.55	< 10	10	0.11	< 10	0.72	220			
20850E-08125N	201 202	< 5 < 0.2	1.96	2	140 < 0.5	< 2	0.35 < 0.5	13	22	10	1.97	< 10	30	0.08	< 10	0.30	740			
20850E-08150N	201 202	< 5 < 0.2	1.66	4	110 < 0.5	< 2	0.47 < 0.5	12	60	16	2.44	< 10	30	0.05	< 10	0.60	385			
20850E-08175N	201 202	< 5 < 0.2	1.54	2	80 < 0.5	< 2	0.47 < 0.5	9	56	11	2.12	< 10	10	0.08	< 10	0.44	365			
20850E-08200N	201 202	< 5 < 0.2	2.88	4	100 < 0.5	< 2	0.56 < 0.5	14	50	20	2.83	< 10	10	0.11	< 10	0.61	535			
20850E-08225N	201 202	< 5 < 0.2	2.25	< 2	50 < 0.5	< 2	0.47 < 0.5	11	41	16	2.64	< 10	10	0.07	< 10	0.53	195			
20850E-08250N	201 202	< 5 < 0.2	1.54	2	90 < 0.5	< 2	0.37 < 0.5	13	18	14	1.85	< 10	20	0.06	< 10	0.29	790			
20850E-08275N	201 202	< 5 < 0.2	2.21	2	110 < 0.5	< 2	0.55 < 0.5	13	54	20	2.77	< 10	20	0.08	< 10	0.74	480			
20850E-08300N	201 202	< 5 < 0.2	2.18	< 2	170 < 0.5	< 2	0.42 < 0.5	13	39	14	2.38	< 10	10	0.07	< 10	0.52	855			
20850E-08325N	201 202	< 5 < 0.2	2.45	2	100 < 0.5	< 2	0.65 < 0.5	16	51	23	3.13	< 10	10	0.07	< 10	0.83	455			
20850E-08350N	201 202	< 5 < 0.2	2.21	6	90 < 0.5	< 2	0.70 < 0.5	15	62	21	2.83	< 10	10	0.10	< 10	0.67	400			
20850E-08375N	201 202	< 5 < 0.2	1.25	< 2	30 < 0.5	< 2	3.79 < 0.5	7	20	32	1.46	< 10	80	0.04	< 10	0.32	290			
20850E-08400N	201 202	< 5 < 0.2	0.05	< 2	20 < 0.5	< 2	4.24 < 0.5	< 1	2	16	0.05	< 10	80	0.03	< 10	0.12	20			
20850E-08425N	201 202	< 5 < 0.2	1.50	< 2	80 < 0.5	< 2	2.29 < 1.5	10	32	23	2.59	< 10	20	0.10	< 10	0.50	265			

CERTIFICATION: *Grant Crooker*



# Chemex Labs Ltd.

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 212 Brookbank Ave., North Vancouver  
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TO: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 1-B  
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Project: PLUG  
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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
20850E-07450N	201 202	< 1 < 0.01		29	1290	2	2	5	28	0.16	< 10	< 10	73	< 10	46
20850E-07475N	201 202	< 1 < 0.01		22	1290	< 2	< 2	4	26	0.14	< 10	< 10	61	< 10	32
20850E-07500N	201 202	< 1 < 0.01		24	460	< 2	< 2	5	23	0.19	< 10	< 10	81	< 10	54
20850E-07525N	201 202	< 1 < 0.01		20	1040	< 2	< 2	4	24	0.13	< 10	< 10	58	< 10	52
20850E-07550N	201 202	< 1 < 0.01		37	1020	< 2	< 2	7	43	0.17	< 10	< 10	79	< 10	52
20850E-07575N	201 202	1 < 0.01		14	1480	< 2	< 2	3	17	0.11	< 10	< 10	43	< 10	60
20850E-07600N	201 202	1 < 0.01		22	990	< 2	< 2	4	24	0.13	< 10	< 10	60	< 10	48
20850E-07625N	201 202	< 1 < 0.01		8	840	< 2	< 2	1	10	0.11	< 10	< 10	49	< 10	68
20850E-07650N	201 202	< 1 < 0.01		15	390	2	< 2	7	24	0.19	< 10	< 10	80	< 10	42
20850E-07675N	201 202	1 < 0.01		17	590	2	< 2	7	24	0.17	< 10	< 10	67	< 10	48
20850E-07700N	201 202	< 1 < 0.01		26	1500	< 2	< 2	5	31	0.12	< 10	< 10	59	< 10	48
20850E-07725N	201 202	< 1 < 0.01		31	1660	2	< 2	5	30	0.13	< 10	< 10	64	< 10	50
20850E-07750N	201 202	< 1 < 0.01		29	1240	< 2	< 2	5	28	0.14	< 10	< 10	74	< 10	52
20850E-07775N	201 202	1 < 0.01		22	1500	2	< 2	5	29	0.12	< 10	< 10	65	< 10	64
20850E-07800N	201 202	1 < 0.01		26	1440	< 2	< 2	4	28	0.13	< 10	< 10	64	< 10	50
20850E-07825N	201 202	1 < 0.01		27	920	< 2	< 2	4	28	0.14	< 10	< 10	61	< 10	32
20850E-07850N	201 202	1 < 0.01		37	490	< 2	< 2	3	17	0.26	< 10	< 10	81	< 1	



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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm		
20850E-08450W	201 202	< 5 < 0.2	1.50		2	90	< 0.5		2	0.58	< 0.5		9	36	15	2.74	0	10	0.12	< 10	0.53	220
20850E-08475W	201 202	< 5 < 0.2	1.52		2	170	< 0.5		2	0.69	< 0.5		13	102	20	2.79	< 10	20	0.18	< 10	0.90	1050
20850E-08500W	201 202	< 5 < 0.2	1.56		6	80	< 0.5		2	0.47	< 0.5		13	114	19	2.91	< 10	10	0.15	< 10	0.98	265
20850E-08525W	201 202	< 5 < 0.2	1.21		2	100	< 0.5		2	0.47	< 0.5		9	77	10	2.20	< 10	10	0.14	< 10	0.45	430
20850E-08550W	201 202	< 5 < 0.2	1.31		2	110	< 0.5		2	0.52	< 0.5		11	107	15	2.54	< 10	10	0.13	< 10	0.84	600
20850E-08575W	201 202	< 5 < 0.2	1.86		2	150	< 0.5		2	0.72	< 0.5		17	240	25	3.33	< 10	20	0.21	< 10	1.52	690
20850E-08600W	201 202	< 5 < 0.2	1.84		8	150	< 0.5		2	0.82	< 0.5		17	163	33	3.41	< 10	20	0.17	< 10	1.23	545
20850E-08625W	201 202	< 5 < 0.2	1.73		6	210	< 0.5		2	0.78	< 0.5		14	155	25	2.83	< 10	10	0.25	< 10	1.02	1055
20850E-08650W	201 202	30 < 0.2	2.47		10	150	< 0.5		2	0.88	< 0.5		22	251	71	4.23	< 10	30	0.33	< 10	2.09	725
20850E-08675W	201 202	20 < 0.2	1.89		6	190	< 0.5		2	0.59	< 0.5		11	100	15	2.70	< 10	10	0.13	< 10	0.74	415
20850E-08700W	201 202	0.5 < 0.2	1.46		4	100	< 0.5		2	0.60	< 0.5		9	89	15	2.56	< 10	10	0.11	< 10	0.70	370
20850E-08725W	201 202	< 5 < 0.2	1.73		2	150	< 0.5		2	0.62	< 0.5		10	95	14	2.68	< 10	10	0.11	< 10	0.69	555
20850E-08750W	201 202	< 5 < 0.2	1.85		8	120	< 0.5		2	0.64	< 0.5		10	89	14	2.48	< 10	10	0.12	0	0.66	325
20850E-08775W	201 202	< 5 < 0.8	1.90		6	160	< 0.5		2	0.53	< 0.5		10	86	20	2.67	< 10	20	0.11	< 10	0.57	365
20850E-08800W	201 202	< 5 < 0.2	1.71		6	130	< 0.5		2	0.51	< 0.5		10	69	14	2.68	< 10	10	0.10	< 10	0.54	570
20850E-08825W	201 202	< 5 < 0.2	1.55		6	120	< 0.5		2	0.57	< 0.5		10	73	17	2.66	< 10	< 10	0.13	< 10	0.62	505
20850E-08850W	201 202	30 < 0.2	1.40		2	100	< 0.5		2	0.35	< 0.5		7	38	10	1.90	< 10	10	0.11	< 10	0.37	330
20850E-08875W	201 202	< 5 < 0.2	1.61		2	110	< 0.5		2	0.48	< 0.5		8	42	15	2.42	< 10	10	0.14	< 10	0.48	300
20850E-08900W	201 202	25 < 0.2	1.27		4	90	< 0.5		2	0.31	< 0.5		10	85	17	2.61	< 10	20	0.13	< 10	0.78	325
20850E-08925W	201 202	< 5 < 0.2	1.32		2	100	< 0.5		2	0.46	< 0.5		9	69	15	2.32	< 10	< 10	0.11	< 10	0.64	435
20850E-08950W	201 202	< 5 < 0.2	1.37		6	50	< 0.5		2	0.60	< 0.5		11	107	19	3.04	< 10	10	0.12	< 10	0.89	230
20850E-08975W	201 202	10 < 0.2	1.70		6	140	< 0.5		2	0.54	< 0.5		10	63	20	2.37	< 10	20	0.15	< 10	0.61	590
20850E-09000W	201 202	< 5 < 0.2	2.02		8	160	< 0.5		2	0.55	< 0.5		10	69	20	2.62	< 10	20	0.13	< 10	0.63	690
20850E-09025W	201 202	< 5 < 0.2	1.24		2	100	< 0.5		2	0.36	< 0.5		7	35	10	1.76	< 10	< 10	0.10	< 10	0.41	400
20850E-09050W	201 202	< 5 < 0.2	1.61		2	100	< 0.5		2	0.43	< 0.5		8	39	12	2.07	< 10	10	0.13	< 10	0.46	345
20850E-09075W	201 202	< 5 < 0.2	1.70		2	100	< 0.5		2	0.55	< 0.5		10	64	18	2.45	< 10	10	0.15	< 10	0.58	370
20850E-09100W	201 202	< 5 < 0.2	0.88		4	200	< 0.5		2	11.20	1.0		6	30	59	1.00	< 10	50	0.09	< 10	0.63	405
20850E-09125W	201 202	< 5 < 0.2	1.48		2	60	< 0.5		2	0.51	< 0.5		9	57	16	2.53	< 10	20	0.10	< 10	0.62	180
20850E-09150W	201 202	< 5 < 0.2	1.48		2	130	< 0.5		2	0.44	< 0.5		8	43	18	2.35	< 10	20	0.11	< 10	0.55	305
20850E-09175W	201 202	< 5 < 0.2	1.38		2	70	< 0.5		2	0.45	< 0.5		8	43	14	2.40	< 10	20	0.11	< 10	0.51	290
20850E-09200W	201 202	< 5 < 0.2	1.71		2	160	< 0.5		2	1.05	< 0.5		9	50	46	2.26	< 10	40	0.11	< 10	0.58	545
20850E-09225W	201 202	< 5 < 0.2	1.88		2	150	< 0.5		2	1.87	< 0.5		9	46	104	2.38	< 10	40	0.12	< 10	0.75	375
20850E-09250W	201 202	< 5 < 0.2	2.60		4	120	< 0.5		2	1.12	< 0.5		14	26	68	2.66	< 10	30	0.04	< 10	0.61	155
20850E-09275W	201 202	< 5 < 0.2	2.64		8	130	< 0.5		2	0.99	< 0.5		14	58	29	3.07	< 10	30	0.05	< 10	0.68	130
20850E-09300W	201 202	< 5 < 0.2	2.05		4	80	< 0.5		2	0.47	< 0.5		11	48	17	2.90	< 10	10	0.06	< 10	0.62	170
20850E-09325W	201 202	< 5 < 0.2	2.40		8	130	< 0.5		2	0.49	< 0.5		14	54	24	3.16	< 10	10	0.06	< 10	0.79	575
20850E-09350W	201 202	125 < 0.2	2.40		6	90	< 0.5		2	0.23	< 0.5		15	34	15	2.99	< 10	50	0.04	< 10	0.54	375
20850E-09375W	201 202	< 5 < 0.2	3.01		10	100	< 0.5		2	0.33	< 0.5		13	42	19	3.23	< 10	40	0.04	< 10	0.72	1130
20850E-09400W	201 202	< 5 < 0.2	2.23		8	140	0.5		2	0.40	0.5		15	31	24	2.63	< 10	30	0.06	< 10	0.50	625
20850E-09425W	201 202	< 5 < 0.2	2.17		8	90	< 0.5		2	0.72	< 0.5		14	80	35	3.34	< 10	10	0.07	< 10	1.01	245

CERTIFICATION: *Haut Buchler*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Page Number : 2 B  
Total Pages : 6  
Certificate Date: 31-JUL-96  
Invoice No. : 19625318  
P.O. Number : 20  
Account : LOY

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	V ppm	U ppm	W ppm	Zn ppm	
20850E-08450W	201 202	< 1 < 0.01	13	770		0.2	< 2	4	37	0.14	< 10	< 10	76	< 10	32
20850E-08475W	201 202	< 1 < 0.01	40	1580		4	< 2	5	38	0.10	< 10	< 10	62	< 10	98
20850E-08500W	201 202	< 1 < 0.01	41	380		6	< 2	5	30	0.14	< 10	< 10	72	< 10	42
20850E-08525W	201 202	< 1 < 0.01	25	300		2	< 2	4	32	0.12	< 10	< 10	55	< 10	38
20850E-08550W	201 202	< 1 < 0.01	36	630		8	< 2	5	38	0.13	< 10	< 10	65	< 10	50
20850E-08575W	201 202	< 1 < 0.01	92	800		18	< 2	7	56	0.16	< 10	< 10	79	< 10	82
20850E-08600W	201 202	< 1 < 0.01	53	450		10	< 2	8	66	0.18	< 10	< 10	94	< 10	60
20850E-08625W	201 202	< 1 < 0.02	52	100		10	< 2	7	58	0.14	< 10	< 10	68	< 10	108
20850E-08650W	201 202	< 1 < 0.01	102	640		14	< 2	12	65	0.18	< 10	< 10	112	< 10	72
20850E-08675W	201 202	< 1 < 0.01	37	1050		6	< 2	4	45	0.13	< 10	< 10	67	< 10	68
20850E-08700W	201 202	< 1 < 0.01	29	480		6	< 2	5	47	0.15	< 10	< 10	71	< 10	52
20850E-08725W	201 202	< 1 < 0.03	32	770		6	< 2	9	50	0.16	< 10	< 10	71	< 10	90
20850E-08750W	201 202	< 1 < 0.03	34	790		6	< 2	4	37	0.13	< 10	< 10	61	< 10	76
20850E-08775W	201 202	< 1 < 0.03	31	620		2	< 2	5	41	0.13	< 10	< 10	69	< 10	60
20850E-08800W	201 202	< 1 < 0.01	22	730		2	< 2	5	40	0.13	< 10	< 10	70	< 10	54
20850E-08825W	201 202	< 1 < 0.01	24	610		2	< 2	4	42	0.13	< 10	< 10	72	< 10	44
20850E-08850W	201 202	< 1 < 0.03	16	630		2	< 2	3	25	0.10	< 10	< 10	45	< 10	46
20850E-08875W	201 202	< 1 < 0.01	18	620		2	< 2	4	31	0.12	< 10	< 10	59	< 10	46
20850E-08900W															



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To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V8P 5M9

Page Number :3-A  
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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	As ppb FA:AA	Ag ppm	Al %	As ppm V7J 2C1	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20950E-07650N	201 202	0.5	< 0.2	2.15	6	70	< 0.5	< 2	0.32	< 0.5	12	35	30	2.40	< 10	10	0.06	< 10	0.41	290
20950E-07675N	201 202	< 5	< 0.2	2.52	6	80	0.5	< 2	0.44	< 0.5	12	57	19	3.18	< 10	20	0.06	< 10	0.68	335
20950E-07700N	201 202	< 5	< 0.2	2.42	2	110	< 0.5	< 2	0.70	< 0.5	12	50	38	2.92	< 10	20	0.04	< 10	0.47	295
20950E-07725N	201 202	0.5	< 0.2	2.89	10	110	0.5	< 2	0.87	< 0.5	14	52	57	2.90	< 10	20	0.06	< 10	0.67	860
20950E-07750N	201 202	< 5	< 0.2	1.99	4	100	< 0.5	< 2	0.29	< 0.5	13	45	17	2.51	< 10	40	0.05	< 10	0.60	495
20950E-07775N	201 202	< 5	< 0.2	2.49	6	130	< 0.5	< 2	0.34	< 0.5	14	51	26	2.96	< 10	30	0.06	< 10	0.69	609
20950E-07800N	201 202	< 5	< 0.2	2.94	10	110	0.5	< 2	0.40	< 0.5	15	53	34	3.10	< 10	20	0.04	< 10	0.74	400
20950E-07825N	201 202	< 5	< 0.2	3.22	8	110	0.5	< 2	0.48	< 0.5	13	39	52	2.79	< 10	10	0.05	< 10	0.57	480
20950E-07850N	201 202	< 5	< 0.2	3.08	10	90	0.5	< 2	0.71	< 0.5	16	32	108	2.69	< 10	20	0.04	< 10	0.55	185
20950E-07875N	201 202	0.5	< 0.2	2.80	8	70	0.5	< 2	0.48	< 0.5	10	31	161	2.17	< 10	40	0.05	< 10	0.31	720
20950E-07900N	201 202	< 5	< 0.2	2.91	6	90	0.5	< 2	0.42	0.5	13	34	89	2.47	< 10	10	0.06	< 10	0.46	155
20950E-07925N	201 202	< 5	< 0.2	2.62	4	100	0.5	< 2	0.46	< 0.5	14	43	424	2.07	< 10	20	0.07	< 10	0.48	225
20950E-07950N	201 202	< 5	< 0.2	4.72	8	190	0.5	< 2	1.00	< 0.5	23	43	200	3.37	< 10	30	0.11	< 10	0.42	415
20950E-07975N	201 202	< 5	< 0.2	2.22	4	100	< 0.5	< 2	1.16	< 0.5	14	31	142	2.24	< 10	40	0.07	< 10	0.43	845
20950E-08000N	201 202	< 5	< 0.2	3.12	6	110	< 0.5	< 2	0.32	< 0.5	13	52	24	2.77	< 10	20	0.05	< 10	0.51	245
20950E-08025N	201 202	< 5	0.2	3.17	10	180	0.5	< 2	0.50	< 0.5	14	48	37	2.86	< 10	30	0.07	< 10	0.63	435
20950E-08050N	201 202	0.5	< 0.2	2.05	2	60	< 0.5	< 2	0.37	< 0.5	15	16	20	2.33	< 10	10	0.05	< 10	0.34	280
20950E-08075N	201 202	0.5	< 0.2	2.34	6	170	< 0.5	< 2	0.23	< 0.5	17	19	24	2.36	< 10	20	0.04	< 10	0.27	1445
20950E-08100N	201 202	0.5	< 0.2	2.27	2	160	< 0.5	< 2	0.34	< 0.5	18	50	29	2.28	< 10	10	0.06	< 10	0.48	1120
20950E-08125N	201 202	0.5	< 0.2	3.94	8	130	0.5	< 2	0.42	< 0.5	14	35	42	2.92	< 10	10	0.05	< 10	0.59	640
20950E-08150N	201 202	< 5	< 0.2	2.65	8	160	< 0.5	< 2	0.58	< 0.5	16	72	47	3.02	< 10	10	0.07	< 10	1.00	1010
20950E-08175N	201 202	< 5	< 0.2	3.74	12	150	0.5	< 2	0.42	< 0.5	18	54	45	3.29	< 10	< 10	0.09	< 10	0.83	440
20950E-08200N	201 202	< 5	< 0.2	4.46	12	280	0.5	< 2	0.72	< 0.5	25	56	68	3.73	< 10	20	0.10	< 10	0.91	730
20950E-08225N	201 202	< 5	< 0.2	2.72	8	230	< 0.5	< 2	0.61	< 0.5	21	56	38	3.19	< 10	30	0.08	< 10	0.74	955
20950E-08250N	201 202	< 5	< 0.2	2.71	2	170	< 0.5	< 2	0.38	< 0.5	19	47	40	2.80	< 10	40	0.06	< 10	0.59	985
20950E-08275N	201 202	< 5	< 0.2	2.51	6	210	< 0.5	< 2	0.43	< 0.5	20	43	84	2.68	< 10	20	0.07	< 10	0.56	1605
20950E-08300N	201 202	< 5	0.2	2.87	4	140	0.5	< 2	0.30	< 0.5	28	26	204	2.73	< 10	40	0.05	< 10	0.35	960
20950E-08325N	201 202	< 5	0.2	3.18	8	180	0.5	< 2	0.71	0.5	37	53	121	3.97	< 10	30	0.08	< 10	0.94	1110
20950E-08350N	201 202	< 5	< 0.2	2.67	8	230	< 0.5	< 2	0.94	< 0.5	33	41	28	2.81	< 10	20	0.09	< 10	0.55	440
20950E-08375N	201 202	< 5	< 0.2	2.25	4	90	< 0.5	< 2	1.31	< 0.5	14	33	41	2.87	< 10	30	0.08	< 10	0.48	725
20950E-08400N	201 202	< 5	< 0.2	1.84	2	80	< 0.5	< 2	0.52	< 0.5	13	39	13	2.42	< 10	< 10	0.08	< 10	0.43	730
20950E-08425N	201 202	< 5	0.2	2.64	6	120	0.5	< 2	1.07	< 0.5	13	41	323	2.98	< 10	30	0.09	< 10	0.61	1730
20950E-08450N	201 202	< 5	0.2	2.46	6	110	0.5	< 2	1.43	< 0.5	13	43	412	3.00	< 10	60	0.07	< 10	0.71	920
20950E-08475N	201 202	< 5	0.2	1.86	8	110	0.5	< 2	1.84	< 0.5	19	48	607	2.77	< 10	50	0.07	< 10	0.48	1185
20950E-08500N	201 202	0.5	0.2	1.67	6	200	< 0.5	< 2	0.37	0.5	10	34	17	2.27	< 10	30	0.09	< 10	0.43	440
20950E-08525N	201 202	< 5	0.2	1.38	2	120	< 0.5	< 2	0.49	< 0.5	8	32	13	2.34	< 10	< 10	0.12	< 10	0.44	240
20950E-08550N	201 202	0.5	< 0.2	1.72	6	170	< 0.5	< 2	0.35	< 0.5	7	33	11	1.96	< 10	20	0.09	< 10	0.39	385
20950E-08575N	201 202	< 5	< 0.2	1.64	2	150	< 0.5	< 2	0.43	< 0.5	7	44	11	2.02	< 10	10	0.09	< 10	0.42	240
20950E-08600N	201 202	< 5	0.2	1.91	6	130	0.5	< 2	0.65	< 0.5	10	48	23	2.93	< 10	10	0.12	< 10	0.69	315
20950E-08625N	201 202	0.5	0.2	1.60	4	90	< 0.5	< 2	0.61	< 0.5	10	79	14	2.78	< 10	10	0.12	< 10	0.69	220

CERTIFICATION: *Hart Bickler*



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8978 LABURNUM ST.  
VANCOUVER, BC  
V8P 5M9

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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20950E-07650N	201 202	< 1	0.03	21	1410	2	0.2	3	19	0.12	< 10	< 10	53	0.10	40
20950E-07675N	201 202	< 1	0.01	24	1190	2	< 2	4	27	0.16	< 10	< 10	79	< 10	56
20950E-07700N	201 202	< 1	0.01	25	460	< 2	< 2	5	34	0.14	< 10	< 10	73	< 10	34
20950E-07725N	201 202	1	0.02	24	280	2	2	6	30	0.15	< 10	< 10	62	< 10	48
20950E-07750N	201 202	< 1	0.02	26	1770	2	0.2	3	18	0.10	< 10	< 10	55	< 10	44
20950E-07775N	201 202	1	0.01	24	1770	0.2	< 2	4	25	0.13	< 10	< 10	64	< 10	50
20950E-07800N	201 202	0.1	0.01	27	1350	2	2	5	28	0.17	< 10	< 10	72	< 10	54
20950E-07825N	201 202	1	0.03	22	640	0.2	0.2	4	17	0.17	< 10	< 10	46	< 10	50
20950E-07850N	201 202	1	0.03	22	250	< 2	< 2	5	26	0.18	< 10	< 10	65	< 10	34
20950E-07875N	201 202	< 1	0.05	15	580	< 2	< 2	5	31	0.12	< 10	< 10	47	< 10	44
20950E-07900N	201 202	< 1	0.04	22	490	0.2	< 2	4	25	0.16	< 10	< 10	57	< 10	42
20950E-07925N	201 202	< 1	0.05	48	270	< 2	< 2	4	28	0.14	< 10	< 10	40	< 10	30
20950E-07950N	201 202	< 1	0.04	35	380	2	0.2	6	40	0.20	< 10	< 10	71	< 10	68
20950E-07975N	201 202	0.1	0.05	24	400	2	< 2	6	39	0.14	< 10	< 10	53	< 10	36
20950E-08000N	201 202	1	0.04	30	460	2	< 2	3	24	0.18	< 10	< 10	64	< 10	54
20950E-08025N	201 202	1	0.03	28	920	< 2	< 2	4	22	0.16	< 10	< 10	47	< 10	30
20950E-08050N	201 202	1	0.04	13	240	2	< 2	3	14	0.14	< 10	< 10	56	< 10	28
20950E-08075N	201 202	< 1	0.03	13	1900	< 2	< 2	2	17	0.12	< 10	< 10	42	< 10	74
20950E-08100N	201 202	< 1	0.02	21	1010	< 2	< 2	2	36	0.11	< 10	< 10	43	< 10	72
20950E-08125N	201 202	1	0.02	24	410	2	2	4	24	0.15	< 10	< 10	68	< 10	64
20950E-08150N	201 202	1	0.04												



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-A  
 Total Pages : 6  
 Certificate Date: 31-JUL-96  
 Invoice No. : 19625318  
 P.O. Number : 20  
 Account : LOY

Project : PLUG  
 Comments : ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20950E-08450N	201 202	< 5 < 0.2	1.80	< 2	110 < 0.5	< 2	0.47 < 0.5	10	70	14	2.43 < 10	30	0.08 < 10	0.61	335					
20950E-08475N	201 202	< 5 < 0.2	1.59	< 2	160 < 0.5	< 2	0.52 < 0.5	10	54	18	2.68 < 10	30	0.14 < 10	0.58	405					
20950E-08700N	201 202	< 5 < 0.2	1.43	< 2	140 < 0.5	< 2	0.40 < 0.5	9	43	14	2.26 < 10	10	0.10 < 10	0.51	435					
20950E-08725N	201 202	< 5 < 0.2	1.37	< 2	130 < 0.5	< 2	0.36 < 0.5	9	31	14	2.33 < 10	50	0.04 < 10	0.46	215					
20950E-08750N	201 202	< 5 < 0.2	1.20	< 2	120 < 0.5	< 2	0.44 < 0.5	8	39	13	2.09 < 10	10	0.10 < 10	0.47	510					
20950E-08775N	201 202	< 5 < 0.2	1.52	< 2	130 < 0.5	< 2	0.45 < 0.5	8	52	13	2.38 < 10	30	0.10 < 10	0.54	440					
20950E-08800N	201 202	< 5 < 0.2	1.96	< 2	160 < 0.5	< 2	0.45 < 0.5	9	42	17	2.43 < 10	< 10	0.08 < 10	0.53	245					
20950E-08825N	201 202	< 5 < 0.2	1.87	< 2	160 < 0.5	< 2	0.58 < 0.5	10	59	14	2.72 < 10	30	0.11 < 10	0.61	715					
20950E-08850N	201 202	< 5 < 0.2	1.94	< 2	150 < 0.5	< 2	0.69 < 0.5	13	111	23	3.13 < 10	60	0.10 < 10	1.00	350					
20950E-08875N	201 202	< 5 < 0.2	1.57	< 2	110 < 0.5	< 2	0.40 < 0.5	10	47	14	2.48 < 10	10	0.08 < 10	0.52	345					
20950E-08900N	201 202	< 5 < 0.2	1.33	< 2	50 < 0.5	< 2	0.50 < 0.5	7	33	10	2.09 < 10	10	0.12 < 10	0.38	260					
20950E-08925N	201 202	< 5 < 0.2	1.72	< 2	100 < 0.5	< 2	0.53 < 0.5	10	44	10	2.42 < 10	10	0.15 < 10	0.50	285					
20950E-08950N	201 202	< 5 < 0.2	1.71	< 2	120 < 0.5	< 2	0.46 < 0.5	9	45	11	2.28 < 10	< 10	0.09 < 10	0.52	260					
20950E-08975N	201 202	< 5 < 0.2	1.78	< 2	110 < 0.5	< 2	0.52 < 0.5	10	50	15	2.44 < 10	10	0.12 < 10	0.59	360					
20950E-09000N	201 202	< 5 < 0.2	1.86	< 2	100 < 0.5	< 2	0.64 < 0.5	11	56	15	2.93 < 10	< 10	0.10 < 10	0.69	245					
20950E-09025N	201 202	< 5 < 0.2	2.65	< 2	240 < 0.5	< 2	0.60 < 0.5	11	34	23	2.53 < 10	30	0.10 < 10	0.52	405					
20950E-09050N	201 202	< 5 < 0.2	1.94	< 2	160 < 0.5	< 2	0.44 < 0.5	9	31	19	2.33 < 10	10	0.09 < 10	0.48	255					
20950E-09075N	201 202	< 5 < 0.2	1.73	< 2	140 < 0.5	< 2	0.52 < 0.5	9	33	14	2.47 < 10	< 10	0.10 < 10	0.50	305					
20950E-09100N	201 202	< 5 < 0.2	1.54	< 2	120 < 0.5	< 2	0.58 < 0.5	8	32	15	2.19 < 10	< 10	0.12 < 10	0.48	285					
20950E-09125N	201 202	< 5 < 0.2	1.64	< 2	120 < 0.5	< 2	0.43 < 0.5	7	28	10	2.08 < 10	10	0.15 < 10	0.41	455					
20950E-09150N	201 202	< 5 < 0.2	1.59	< 2	120 < 0.5	< 2	0.40 < 0.5	7	25	10	1.76 < 10	10	0.13 < 10	0.35	400					
20950E-09175N	201 202	< 5 < 0.2	1.85	< 2	110 < 0.5	< 2	0.59 < 0.5	10	52	22	2.45 < 10	30	0.13 < 10	0.73	355					
20950E-09200N	201 202	< 5 < 0.2	1.42	< 2	100 < 0.5	< 2	0.38 < 0.5	8	37	13	1.92 < 10	< 10	0.12 < 10	0.44	400					
21050E-07450N	201 202	< 5 < 0.2	2.91	< 2	110 < 0.5	< 2	0.47 < 0.5	16	48	34	3.39 < 10	30	0.08 < 10	0.75	280					
21050E-07475N	201 202	< 5 < 0.2	3.15	< 2	120 < 0.5	< 2	0.53 < 0.5	18	57	30	3.50 < 10	40	0.06 < 10	0.88	320					
21050E-07500N	201 202	< 5 < 0.2	2.59	< 2	100 < 0.5	< 2	0.27 < 0.5	12	33	16	2.51 < 10	50	0.04 < 10	0.48	530					
21050E-07525N	201 202	< 5 < 0.2	2.47	< 2	50 < 0.5	< 2	0.52 < 0.5	10	32	26	2.09 < 10	30	0.11 < 10	0.43	175					
21050E-07550N	201 202	< 5 < 0.2	3.70	< 2	160 < 0.5	< 2	1.01 < 0.5	14	43	104	2.33 < 10	40	0.07 < 10	0.59	280					
21050E-07575N	201 202	< 5 < 0.2	2.33	< 2	80 < 0.5	< 2	0.71 < 0.5	9	29	19	2.35 < 10	10	0.04 < 10	0.32	110					
21050E-07600N	201 202	< 5 < 0.2	2.97	< 2	120 < 0.5	< 2	0.30 < 0.5	14	32	32	2.75 < 10	10	0.05 < 10	0.43	160					
21050E-07625N	201 202	< 5 < 0.2	3.04	< 2	160 < 0.5	< 2	1.39 < 0.5	24	96	163	4.20 < 10	10	0.07 < 10	1.42	845					
21050E-07650N	201 202	< 5 < 0.2	2.78	< 2	110 < 0.5	< 2	0.44 < 0.5	14	35	29	3.29 < 10	30	0.06 < 10	0.82	250					
21050E-07675N	201 202	< 5 < 0.2	2.77	< 2	110 < 0.5	< 2	0.48 < 0.5	18	69	43	3.36 < 10	10	0.05 < 10	0.95	250					
21050E-07700N	201 202	< 5 < 0.2	3.44	< 2	150 < 0.5	< 2	0.88 < 0.5	19	53	177	3.62 < 10	30	0.07 < 10	0.72	380					
21050E-07725N	201 202	< 5 < 0.2	2.57	< 2	160 < 0.5	< 2	1.53 < 0.5	18	45	176	2.84 < 10	30	0.08 < 10	0.59	1575					
21050E-07750N	201 202	< 5 < 0.2	2.80	< 2	180 < 0.5	< 2	1.23 < 0.5	18	50	196	3.16 < 10	30	0.09 < 10	0.67	1525					
21050E-07775N	201 202	< 5 < 0.2	3.45	< 2	140 < 0.5	< 2	1.12 < 0.5	22	58	67	4.07 < 10	< 10	0.32 < 10	1.22	420					
21050E-07800N	201 202	< 5 < 0.2	1.21	< 2	100 < 0.5	< 2	3.42 < 0.5	8	19	288	1.21 < 10	130	0.05	10	0.27	630				
21050E-07825N	201 202	< 5 < 0.2	2.31	< 2	110 < 0.5	< 2	1.11 < 0.5	14	29	69	2.37 < 10	10	0.06 < 10	0.44	285					
21050E-07850N	201 202	< 5 < 0.2	2.55	< 2	140 < 0.5	< 2	0.41 < 0.5	14	37	27	2.82 < 10	50	0.05 < 10	0.43	195					

CERTIFICATION: *Hautzschler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 4-B  
 Total Pages : 6  
 Certificate Date: 31-JUL-96  
 Invoice No. : 19625318  
 P.O. Number : 20  
 Account : LOY

Project : PLUG  
 Comments : ATTN:LW SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20950E-08450N	201 202	< 1 0.01	26	760	8	< 2	4	37	0.14	< 10	< 10	72	< 10	42	
20950E-08475N	201 202	< 1 0.01	21	740	6	< 2	4	39	0.12	< 10	< 10	67	< 10	48	
20950E-08700N	201 202	< 1 0.01	18	850	4	< 2	3	28	0.10	< 10	< 10	57	< 10	44	
20950E-08725N	201 202	< 1 < 0.01	13	740	6	< 2	3	23	0.10	< 10	< 10	64	< 10	32	
20950E-08750N	201 202	< 1 < 0.01	15	580	6	< 2	3	28	0.10	< 10	< 10	60	< 10	30	
20950E-08775N	201 202	< 1 < 0.01	19	860	4	< 2	3	32	0.12	< 10	< 10	65	< 10	34	
20950E-08800N	201 202	< 1 0.01	20	1040	6	< 2	4	34	0.13	< 10	< 10	71	< 10	40	
20950E-08825N	201 202	< 1 0.01	26	1370	2	< 2	4	67	0.13	< 10	< 10	74	< 10	48	
20950E-08850N	201 202	< 1 < 0.01	54	850	6	< 2	5	54	0.14	< 10	< 10	90	< 10	34	
20950E-08875N	201 202	< 1 0.01	17	760	2	< 2	4	49	0.15	< 10	< 10	74	< 10	26	
20950E-08900N	201 202	< 1 0.01	13	140	2	< 2	3	40	0.15	< 10	< 10	62	< 10	18	
20950E-08925N	201 202	< 1 0.01	10	910	4	< 2	4	42	0.14	< 10	< 10	68	< 10	22	
20950E-08950N	201 202	< 1 0.01	21	820	2	< 2	4	39	0.14	< 10	< 10	82	< 10	22	
20950E-08975N	201 202	< 1 0.01	23	600	4	< 2	4	39	0.16	< 10	< 10	73	< 10	28	
20950E-09000N	201 202	< 1 < 0.01	23	530	4	< 2	5	37	0.19	< 10	< 10	85	< 10	34	
20950E-09025N	201 202	< 1 0.02	24	1900	2	< 2	4	34	0.12	< 10	< 10	58	< 10	54	
20950E-09050N	201 202	< 1 0.01	18	980	4	< 2	4	35	0.12	< 10	< 10	59	< 10	34	
20950E-09075N	201 202	< 1 0.01	14	840	4	< 2	4	34	0.13	< 10	< 10	47	< 10	36	
20950E-09100N	201 202	< 1 0.01	15	580	2	< 2	4	40	0.13	< 10	< 10	63	< 10	28	
20950E-09125N	201 202	< 1 0.02	13	620	4	< 2	3	33	0.12	< 10	< 10	54	< 10	28	
20950E-09150N	201 202	< 1 0.02	13	770	4	< 2	3	31	0.10	< 10	< 10	42	< 10	32	
20950E-09175N	201 202	< 1 0.01	26	620	2	< 2	5	45	0.15	< 10	< 10	73	< 10	42	
20950E-09200N	201 202	< 1 0.02	17	640	4	< 2	4	30	0.10	< 10	< 10	48	< 10	38	
21050E-07450N	201 202	< 1 < 0.01	27	1440	6	< 2	5	39	0.18	< 10	< 10	91	< 10	46	
21050E-07475N	20														



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

Page Number :5-A  
Total Pages :8  
Certificate Date:31-JUL-96  
Invoice No.:19625318  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21050E-07875N	201 202	< 5	0.2	3.89	8	110	< 0.5	2	0.71	< 0.5	16	83	43	3.76	< 10	20	0.07	< 10	1.10	365
21050E-07900N	201 202	0.5	< 0.2	3.19	10	140	< 0.5	< 2	0.33	< 0.5	13	45	49	3.03	< 10	30	0.05	< 10	0.60	375
21050E-07925N	201 202	< 5	< 0.2	2.67	10	110	< 0.5	< 2	0.34	< 0.5	15	39	45	2.98	< 10	30	0.05	< 10	0.55	610
21050E-07950N	201 202	< 5	< 0.2	2.93	2	100	< 0.5	< 2	0.49	< 0.5	14	25	172	2.37	< 10	10	0.04	< 10	0.38	1525
21050E-07975N	201 202	45	< 0.2	3.09	12	180	< 0.5	< 2	0.46	< 0.5	17	39	38	3.20	< 10	10	0.06	< 10	0.71	650
21050E-08000N	201 202	< 5	< 0.2	3.38	10	130	1.0	< 2	0.95	< 0.5	17	27	497	3.66	< 10	50	0.07	< 10	0.47	1260
21050E-08025N	201 202	0.5	< 0.2	2.98	4	110	< 0.5	< 2	0.68	< 0.5	11	26	102	3.60	< 10	20	0.09	< 10	0.46	340
21050E-08050N	201 202	< 5	< 0.2	2.90	2	100	< 0.5	< 2	0.51	< 0.5	11	31	71	2.53	< 10	< 10	0.08	< 10	0.44	615
21050E-08075N	201 202	< 5	< 0.2	3.17	12	140	< 0.5	< 2	0.84	< 0.5	18	79	78	6.30	< 10	20	0.09	< 10	1.29	375
21050E-08100N	201 202	< 5	< 0.2	2.20	8	180	< 0.5	< 2	0.58	< 0.5	13	51	25	2.73	< 10	10	0.08	< 10	0.66	850
21050E-08125N	201 202	< 5	< 0.2	2.11	8	150	< 0.5	< 2	0.54	< 0.5	12	35	26	2.87	< 10	< 10	0.07	< 10	0.65	415
21050E-08150N	201 202	< 5	< 0.2	2.69	8	160	< 0.5	< 2	0.55	< 0.5	13	59	46	2.98	< 10	< 10	0.07	< 10	0.76	415
21050E-08175N	201 202	< 8	< 0.2	2.17	6	190	< 0.5	< 2	0.56	< 0.5	15	26	65	2.36	< 10	60	0.06	< 10	0.39	2350
21050E-08200N	201 202	< 5	< 0.2	2.89	6	150	< 0.5	< 2	0.53	< 0.5	16	49	63	3.08	< 10	< 10	0.10	< 10	0.71	620
21050E-08225N	201 202	< 5	< 0.2	2.76	6	160	< 0.5	< 2	0.32	< 0.5	17	39	38	2.78	< 10	40	0.05	< 10	0.50	600
21050E-08250N	201 202	< 5	< 0.2	2.97	8	160	< 0.5	< 2	0.44	< 0.5	16	45	65	2.94	< 10	30	0.05	< 10	0.55	945
21050E-08275N	201 202	< 5	< 0.2	2.35	12	140	< 0.5	< 2	0.62	< 0.5	12	36	33	2.96	< 10	10	0.07	< 10	0.40	320
21050E-08300N	201 202	< 5	< 0.2	2.48	8	190	< 0.5	< 2	0.60	< 0.5	11	36	37	2.82	< 10	10	0.09	< 10	0.56	595
21050E-08325N	201 202	< 5	< 0.2	2.31	6	210	< 0.5	< 2	0.56	< 0.5	11	34	33	2.73	< 10	10	0.11	< 10	0.52	765
21050E-08350N	201 202	< 5	< 0.2	2.47	6	200	< 0.5	< 2	0.54	< 0.5	12	33	41	2.82	< 10	< 10	0.09	< 10	0.57	605
21050E-08375N	201 202	< 5	< 0.2	3.24	10	140	0.5	< 2	0.92	< 0.5	13	44	170	3.34	< 10	20	0.09	< 10	0.71	445
21050E-08400N	201 202	< 5	< 0.2	3.07	10	120	0.5	< 2	1.40	0.5	14	39	947	3.30	< 10	10	0.10	< 10	0.63	920
21050E-08425N	201 202	< 5	< 0.2	1.80	6	70	< 0.5	< 2	0.75	< 0.5	11	39	24	2.94	< 10	< 10	0.14	< 10	0.61	275
21050E-08450N	201 202	< 5	< 0.2	2.52	8	160	< 0.5	< 2	0.71	< 0.5	12	40	22	3.23	< 10	< 10	0.11	< 10	0.65	445
21050E-08475N	201 202	< 5	< 0.2	2.65	6	150	< 0.5	< 2	0.76	< 0.5	12	32	18	2.56	< 10	30	0.08	< 10	0.45	1150
21050E-08500N	201 202	< 5	< 0.2	2.16	2	80	< 0.5	< 2	0.89	< 0.5	13	67	23	3.32	< 10	< 10	0.16	< 10	0.76	320
21050E-08525N	201 202	< 5	< 0.2	1.69	6	170	< 0.5	< 2	0.58	< 0.5	9	31	16	2.28	< 10	< 10	0.14	< 10	0.42	910
21050E-08550N	201 202	< 5	< 0.2	1.35	4	160	< 0.5	< 2	0.58	< 0.5	8	31	13	1.98	< 10	< 10	0.14	< 10	0.35	1295
21050E-08575N	201 202	< 5	< 0.2	2.43	4	230	< 0.5	< 2	0.59	< 0.5	10	37	20	2.39	< 10	< 10	0.14	< 10	0.49	680
21050E-08600N	201 202	< 5	< 0.2	1.77	2	130	< 0.5	< 2	0.67	< 0.5	9	33	15	2.18	< 10	< 10	0.12	< 10	0.43	505
21050E-08625N	201 202	< 5	< 0.2	2.04	4	130	< 0.5	< 2	1.10	< 0.5	9	32	61	2.36	< 10	30	0.15	< 10	0.40	770
21050E-08650N	201 202	< 5	< 0.2	1.46	2	100	< 0.5	< 2	0.75	< 0.5	8	39	21	2.12	< 10	< 10	0.12	< 10	0.39	400
21050E-08675N	201 202	< 5	< 0.2	1.72	2	90	< 0.5	< 2	0.52	< 0.5	9	41	16	2.39	< 10	< 10	0.12	< 10	0.45	315
21050E-08700N	201 202	< 5	< 0.2	1.45	2	80	< 0.5	< 2	0.58	< 0.5	8	41	16	2.11	< 10	20	0.10	< 10	0.42	238
21050E-08725N	201 202	< 5	< 0.2	1.84	4	220	< 0.5	< 2	0.51	< 0.5	10	47	23	2.54	< 10	40	0.12	< 10	0.48	1150
21050E-08750N	201 202	< 5	< 0.2	1.48	4	140	< 0.5	< 2	0.49	< 0.5	9	56	15	2.21	< 10	< 10	0.10	< 10	0.49	695
21050E-08775N	201 202	< 5	< 0.2	1.52	4	120	< 0.5	< 2	0.55	< 0.5	10	73	17	2.39	< 10	< 10	0.10	< 10	0.62	620
21050E-08800N	201 202	< 8	< 0.2	1.70	6	130	< 0.5	< 2	0.51	< 0.5	9	57	19	2.67	< 10	20	0.11	< 10	0.55	680
21050E-08825N	201 202	< 5	< 0.2	2.08	6	100	< 0.5	< 2	0.58	< 0.5	10	61	69	2.65	< 10	20	0.10	< 10	0.54	760
21050E-08850N	201 202	< 5	< 0.2	1.74	2	80	< 0.5	< 2	0.58	< 0.5	11	76	31	2.39	< 10	20	0.09	< 10	0.64	405

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21050E-07875N	201 202	< 1	0.01	41	980	< 2	< 2	7	50	0.24	< 10	< 10	100	< 10	50
21050E-07900N	201 202	1	0.02	31	950	2	< 2	4	23	0.17	< 10	< 10	68	< 10	48
21050E-07925N	201 202	1	0.01	24	1050	2	< 2	4	23	0.16	< 10	< 10	67	< 10	60
21050E-07950N	201 202	2	0.03	23	620	< 2	< 2	5	23	0.12	< 10	< 10	52	< 10	52
21050E-07975N	201 202	< 1	0.01	21	1170	< 2	< 2	4	32	0.16	< 10	< 10	72	< 10	62
21050E-08000N	201 202	3	0.01	24	390	4	< 2	7	34	0.10	< 10	< 10	58	< 10	44
21050E-08025N	201 202	< 1	0.01	16	270	< 2	< 2	5	28	0.11	< 10	< 10	46	< 10	60
21050E-08050N	201 202	< 1	0.03	15	160	2	< 2	5	25	0.14	< 10	< 10	51	< 10	32
21050E-08075N	201 202	< 1	< 0.01	39	780	< 2	< 2	8	58	0.20	< 10	< 10	115	< 10	54
21050E-08100N	201 202	< 1	0.01	25	1020	< 2	< 2	4	38	0.14	< 10	< 10	64	< 10	46
21050E-08125N	201 202	< 1	0.01	25	1140	2	< 2	5	38	0.15	< 10	< 10	68	< 10	48
21050E-08150N	201 202	< 1	0.01	32	1160	2	< 2	5	36	0.15	< 10	< 10	71	< 10	46
21050E-08175N	201 202	< 1	0.03	18	2100	2	< 2	3	27	0.11	< 10	< 10	47	< 10	94
21050E-08200N	201 202	< 1	0.01	27	1110	< 2	< 2	5	31	0.14	< 10	< 10	71	< 10	58
21050E-08225N	201 202	1	0.04	23	1990	< 2	< 2	4	25	0.14	< 10	< 10	57	< 10	82
21050E-08250N	201 202	1	0.01	25	930	< 2	< 2	4	31	0.16	< 10	< 10	67	< 10	64
21050E-08275N	201 202	< 1	0.01	18	820	< 2	< 2	5	39	0.14	< 10	< 10	67	< 10	54
21050E-08300N	201 202	1	0.01	20	1310	< 2	< 2	5	34	0.11	< 10	< 10	61	< 10	58
21050E-08325N	201 202	1	0.01	19	1890	< 2	< 2	5	32	0.11	< 10	< 10	62	< 10	52
21050E-08350N	201 202	< 1	0.01	19	15										



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
21050K-08875W	201 202	< 5	< 0.2	2.79	12	100	< 0.5	6	0.87	< 0.5	12	65	129	3.00	< 10	30	0.10	< 10	0.66	525
21050K-08900W	201 202	< 5	< 0.2	1.63	2	60	< 0.5	< 2	0.89	< 0.5	7	67	35	2.28	< 10	< 10	0.07	< 10	0.38	190
21050K-08925W	201 202	35	< 0.2	1.82	2	100	< 0.5	< 2	0.70	< 0.5	11	61	26	3.00	< 10	< 10	0.09	< 10	0.60	405
21050K-08950W	201 202	< 5	< 0.2	0.08	< 2	60	< 0.5	< 2	5.33	0.5	< 1	3	655	0.10	< 10	160	0.05	< 10	0.16	130
21050K-08975W	201 202	< 5	< 0.2	0.55	< 2	150	< 0.5	< 2	8.47	1.0	6	9	224	0.49	< 10	40	0.06	< 10	0.20	530
21050K-09000W	201 202	< 5	0.2	1.41	6	90	< 0.5	< 2	0.52	< 0.5	8	46	12	2.28	< 10	< 10	0.13	< 10	0.48	280
21050K-09025W	201 202	< 5	< 0.2	1.62	2	120	< 0.5	< 2	0.59	< 0.5	9	47	15	2.41	< 10	10	0.15	< 10	0.59	560
21050K-09050W	201 202	< 5	< 0.2	1.69	6	90	< 0.5	< 2	0.47	< 0.5	9	49	13	2.36	< 10	10	0.13	< 10	0.37	375
21050K-09075W	201 202	< 5	< 0.2	1.58	6	110	< 0.5	< 2	0.45	< 0.5	8	45	12	2.15	< 10	10	0.13	< 10	0.49	540
21050K-09100W	201 202	< 5	< 0.2	1.52	2	90	< 0.5	< 2	0.46	< 0.5	8	48	14	2.20	< 10	10	0.13	< 10	0.52	645
21050K-09125W	201 202	< 5	< 0.2	1.88	< 2	150	< 0.5	< 2	0.54	< 0.5	9	32	16	2.29	< 10	10	0.13	< 10	0.48	455
21050K-09150W	201 202	< 5	0.2	1.70	2	230	< 0.5	< 2	0.45	< 0.5	9	38	16	2.15	< 10	10	0.14	< 10	0.44	825
21050K-09175W	201 202	< 5	< 0.2	1.39	4	150	< 0.5	< 2	0.44	< 0.5	8	39	12	2.35	< 10	10	0.11	< 10	0.62	450
21050K-09200W	201 202	< 5	< 0.2	1.74	8	110	< 0.5	< 2	0.81	< 0.5	9	33	18	2.84	< 10	10	0.13	< 10	0.52	485
21050K-09225W	201 202	< 5	< 0.2	1.99	4	180	< 0.5	< 2	0.52	< 0.5	8	36	12	2.37	< 10	10	0.15	< 10	0.41	495
21050K-09250W	201 202	< 5	0.2	2.14	8	140	< 0.9	< 2	0.58	< 0.5	9	42	13	2.46	< 10	20	0.15	< 10	0.48	580
21050K-09275W	201 202	< 5	< 0.2	1.83	2	120	< 0.5	< 2	0.56	< 0.5	8	38	14	2.24	< 10	20	0.14	< 10	0.49	370
21050K-09300W	201 202	< 5	< 0.2	2.34	2	170	< 0.5	< 2	0.66	< 0.5	10	54	20	2.93	< 10	40	0.15	< 10	0.76	295
21050K-09325W	201 202	< 5	< 0.2	2.50	6	170	< 0.5	< 2	0.49	< 0.5	12	58	18	2.81	< 10	10	0.14	< 10	0.48	390
21050K-09350W	201 202	< 5	< 0.2	1.86	6	160	< 0.5	< 2	0.85	< 0.5	9	38	16	2.56	< 10	30	0.11	< 10	0.62	655

CERTIFICATION: Grant Crooker



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN:LW SALEKEN CC:GRANT CROOKER

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## CERTIFICATE OF ANALYSIS A9625318

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
21050K-08875W	201 202	< 1	0.03	38	230	2	2	6	43	0.17	< 10	< 10	72	< 10	46
21050K-08900W	201 202	< 1	0.03	15	130	< 2	< 2	4	45	0.14	< 10	< 10	61	< 10	24
21050K-08925W	201 202	< 1	0.01	33	1020	2	< 2	6	48	0.15	< 10	< 10	78	< 10	38
21050K-08950W	201 202	1	0.03	9	810	4	< 2	< 1	78	< 0.01	< 10	< 10	6	< 10	6
21050K-08975W	201 202	1	0.04	11	2220	10	< 2	< 1	130	0.01	< 10	< 10	26	< 10	16
21050K-09000W	201 202	< 1	0.01	17	750	< 2	< 2	4	37	0.12	< 10	< 10	57	< 10	30
21050K-09025W	201 202	< 1	0.01	20	720	< 2	< 2	4	42	0.13	< 10	< 10	60	< 10	30
21050K-09050W	201 202	< 1	0.01	21	530	< 2	< 2	6	35	0.14	< 10	< 10	39	< 10	28
21050K-09075W	201 202	< 1	0.01	20	530	< 2	< 2	4	33	0.13	< 10	< 10	56	< 10	26
21050K-09100W	201 202	< 1	0.01	23	500	< 2	< 2	4	32	0.13	< 10	< 10	56	< 10	26
21050K-09125W	201 202	1	0.02	16	1060	< 2	< 2	4	38	0.12	< 10	< 10	53	< 10	32
21050K-09150W	201 202	1	0.03	26	1450	2	2	4	33	0.09	< 10	< 10	67	< 10	34
21050K-09175W	201 202	< 1	0.01	17	1280	< 2	< 2	6	30	0.10	< 10	< 10	55	< 10	28
21050K-09200W	201 202	< 1	< 0.01	12	870	< 2	< 2	6	42	0.15	< 10	< 10	83	< 10	34
21050K-09225W	201 202	< 1	0.04	16	1220	< 2	< 2	4	39	0.12	< 10	< 10	57	< 10	36
21050K-09250W	201 202	< 1	0.04	20	740	< 2	< 2	5	41	0.13	< 10	< 10	57	< 10	30
21050K-09275W	201 202	< 1	0.03	18	340	< 2	< 2	4	40	0.14	< 10	< 10	56	< 10	36
21050K-09300W	201 202	< 1	0.02	26	460	< 2	2	5	44	0.17	< 10	< 10	71	< 10	50
21050K-09325W	201 202	< 1	0.02	29	1530	< 2	< 2	5	33	0.12	< 10	< 10	61	< 10	56
21050K-09350W	201 202	< 1	0.02	16	390	< 2	< 2	5	51	0.13	< 10	< 10	64	< 10	38

CERTIFICATION: Grant Crooker





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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

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Account : LOY

Project : PLUG  
Comments : ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20350E-07450W	201 202	< 5	0.2	2.58	8	150	< 0.5	< 2	1.29	< 0.5	12	59	34	3.06	< 10	20	0.07	< 10	0.71	1130
20350E-07475W	201 202	< 5	0.2	1.57	4	90	< 0.5	< 2	2.29	< 0.5	10	49	60	2.19	< 10	30	0.07	< 10	0.64	275
20350E-07500W	201 202	< 5	0.2	2.32	6	200	< 0.5	< 2	0.84	< 0.5	14	73	27	3.08	< 10	< 10	0.19	< 10	0.76	625
20350E-07525W	201 202	< 5	0.2	2.25	8	140	< 0.5	< 2	0.55	< 0.5	11	74	16	3.00	< 10	10	0.09	< 10	0.79	265
20350E-07550W	201 202	< 5	1.4	1.60	8	90	< 0.5	< 2	0.42	< 0.5	11	59	22	2.51	< 10	30	0.09	< 10	0.58	815
20350E-07575W	201 202	590	< 0.2	1.77	4	110	< 0.5	< 2	0.46	< 0.5	10	50	11	2.40	< 10	10	0.07	< 10	0.49	510
20350E-07600W	201 202	10	< 0.2	2.26	6	110	< 0.5	< 2	0.56	< 0.5	12	59	15	3.03	< 10	< 10	0.13	< 10	0.74	725
20350E-07625W	201 202	10	< 0.2	2.14	6	120	< 0.5	< 2	0.59	< 0.5	11	45	18	2.74	< 10	10	0.10	< 10	0.69	240
20350E-07650W	201 202	< 5	< 0.2	3.23	8	150	< 0.5	< 2	0.53	< 0.5	16	71	23	3.34	< 10	10	0.10	< 10	0.86	1120
20350E-07675W	201 202	< 5	0.2	2.15	8	110	< 0.5	< 2	0.53	< 0.5	13	48	18	2.83	< 10	10	0.10	< 10	0.75	525
20350E-07700W	201 202	< 5	< 0.2	1.93	2	140	< 0.5	< 2	0.45	< 0.5	11	37	15	2.45	< 10	10	0.10	< 10	0.55	1095
20350E-07725W	201 202	< 5	< 0.2	1.99	8	140	< 0.5	< 2	0.47	< 0.5	14	40	20	2.63	< 10	< 10	0.12	< 10	0.65	555
20350E-07750W	201 202	15	< 0.2	2.42	< 2	210	< 0.5	< 2	0.41	< 0.5	12	36	17	2.58	< 10	10	0.08	< 10	0.53	930
20350E-07775W	201 202	25	< 0.2	2.61	6	250	< 0.5	< 2	0.51	< 0.5	21	30	27	3.13	< 10	20	0.06	< 10	0.63	1440
20350E-07800W	201 202	< 5	< 0.2	2.22	8	460	< 0.5	< 2	0.65	< 0.5	12	22	22	2.41	< 10	70	0.06	< 10	0.39	4500
20350E-07825W	201 202	485	< 0.2	2.18	4	140	< 0.5	< 2	0.49	< 0.5	11	30	23	2.51	< 10	20	0.15	< 10	0.51	725
20350E-07850W	201 202	< 5	< 0.2	2.09	8	180	< 0.5	< 2	0.62	< 0.5	11	33	16	2.54	< 10	30	0.15	< 10	0.54	1325
20350E-07875W	201 202	10	< 0.2	2.20	8	230	< 0.5	< 2	0.61	< 0.5	11	37	20	2.67	< 10	30	0.14	< 10	0.54	900
20350E-07900W	201 202	5	< 0.2	1.99	4	120	< 0.5	< 2	0.44	< 0.5	10	33	18	2.49	< 10	20	0.19	< 10	0.51	300
20350E-07925W	201 202	< 5	< 0.2	2.33	2	210	< 0.5	< 2	0.66	< 0.5	10	32	32	2.56	< 10	20	0.14	< 10	0.55	730
20350E-07950W	201 202	< 5	< 0.2	2.53	10	290	< 0.5	< 2	0.47	< 0.5	12	30	16	2.73	< 10	30	0.12	< 10	0.61	1560
20350E-07975W	201 202	< 5	< 0.2	2.02	8	190	< 0.5	< 2	0.54	< 0.5	12	33	25	2.88	< 10	10	0.07	< 10	0.72	610
20350E-08000W	201 202	< 5	< 0.2	2.53	6	180	< 0.5	< 2	0.70	< 0.5	14	47	36	2.81	< 10	60	0.07	< 10	0.82	1390
20350E-08025W	201 202	< 5	< 0.2	2.26	8	130	< 0.5	< 2	0.43	< 0.5	10	31	14	2.30	< 10	20	0.06	< 10	0.55	610
20350E-08050W	201 202	< 5	< 0.2	2.86	8	180	< 0.5	< 2	0.60	< 0.5	13	41	25	2.88	< 10	30	0.08	< 10	0.69	775
20350E-08075W	201 202	< 5	< 0.2	2.46	6	190	< 0.5	< 2	0.49	< 0.5	12	32	14	2.54	< 10	30	0.07	< 10	0.52	1425
20350E-08100W	201 202	< 5	< 0.2	2.98	6	170	< 0.5	< 2	0.80	< 0.5	14	59	35	3.20	< 10	30	0.07	< 10	0.90	445
20350E-08125W	201 202	< 5	< 0.2	2.92	8	150	< 0.5	< 2	0.58	< 0.5	13	52	21	3.01	< 10	20	0.07	< 10	0.75	540
20350E-08150W	201 202	< 5	< 0.2	2.79	8	170	< 0.5	< 2	0.45	< 0.5	12	45	19	2.77	< 10	10	0.07	< 10	0.66	720
20350E-08175W	201 202	< 5	< 0.2	1.50	2	120	< 0.5	< 2	0.36	< 0.5	8	48	8	1.85	< 10	20	0.07	< 10	0.45	445
20350E-08200W	201 202	5	0.2	3.60	10	160	< 0.5	< 2	0.60	< 0.5	13	112	28	3.32	< 10	30	0.09	< 10	0.93	390
20350E-08225W	201 202	< 5	< 0.2	2.27	6	80	< 0.5	< 2	0.31	< 0.5	9	66	14	2.72	< 10	40	0.07	< 10	0.57	200
20350E-08250W	201 202	50	< 0.2	2.75	6	180	< 0.5	< 2	0.74	< 0.5	20	98	43	3.54	< 10	30	0.09	< 10	1.04	410
20350E-08275W	201 202	< 5	0.2	2.43	8	150	< 0.5	< 2	1.16	< 0.5	10	76	37	2.37	< 10	60	0.10	< 10	0.70	375
20350E-08300W	201 202	< 5	< 0.2	1.79	6	90	< 0.5	< 2	0.49	< 0.5	9	97	11	2.76	< 10	10	0.08	< 10	0.62	160
20350E-08325W	201 202	< 5	< 0.2	1.47	8	80	< 0.5	< 2	0.60	< 0.5	12	149	11	2.64	< 10	10	0.14	< 10	1.17	320
20350E-08350W	201 202	< 5	< 0.2	1.50	2	70	< 0.5	< 2	0.46	< 0.5	11	151	10	2.49	< 10	20	0.07	< 10	1.12	175
20350E-08375W	201 202	< 5	< 0.2	1.78	2	180	< 0.5	< 2	0.48	< 0.5	13	152	14	2.52	< 10	10	0.14	< 10	1.09	665
20350E-08400W	201 202	< 5	< 0.2	1.70	2	130	< 0.5	< 2	0.50	< 0.5	13	149	12	2.53	< 10	20	0.17	< 10	1.07	420
20350E-08425W	201 202	< 5	< 0.2	1.87	2	230	< 0.5	< 2	0.34	< 0.5	12	109	13	2.31	< 10	10	0.14	< 10	0.88	560

CERTIFICATION: *Hart Buchler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
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Project : PLUG  
Comments : ATTN:L.W.SALEKEN CC:GRANT CROOKER

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20350E-07450W	201 202	< 1	0.02	32	270	2	< 2	6	43	0.18	< 10	< 10	83	< 10	40
20350E-07475W	201 202	< 1	0.02	32	400	2	< 2	5	51	0.14	< 10	< 10	61	< 10	26
20350E-07500W	201 202	< 1	0.03	42	900	2	< 2	6	41	0.18	< 10	< 10	80	< 10	50
20350E-07525W	201 202	< 1	0.03	38	1150	2	< 2	5	33	0.16	< 10	< 10	77	< 10	42
20350E-07550W	201 202	< 1	0.02	28	930	2	< 2	4	31	0.13	< 10	< 10	66	< 10	54
20350E-07575W	201 202	< 1	0.01	25	1450	2	< 2	4	31	0.12	< 10	< 10	62	< 10	42
20350E-07600W	201 202	< 1	0.02	31	710	2	< 2	5	35	0.19	< 10	< 10	83	< 10	50
20350E-07625W	201 202	< 1	0.01	23	810	2	< 2	5	31	0.18	< 10	< 10	71	< 10	44
20350E-07650W	201 202	< 1	0.01	36	1060	2	< 2	5	33	0.19	< 10	< 10	88	< 10	70
20350E-07675W	201 202	< 1	0.01	26	640	2	< 2	5	25	0.17	< 10	< 10	76	< 10	44
20350E-07700W	201 202	< 1	0.01	20	990	2	< 2	4	24	0.12	< 10	< 10	59	< 10	52
20350E-07725W	201 202	< 1	0.01	23	1270	2	< 2	4	25	0.10	< 10	< 10	67	< 10	48
20350E-07750W	201 202	< 1	0.01	20	840	2	< 2	4	23	0.12	< 10	< 10	62	< 10	78
20350E-07775W	201 202	< 1	0.01	19	780	2	< 2	5	27	0.17	< 10	< 10	78	< 10	112
20350E-07800W	201 202	< 1	0.01	14	880	4	< 2	2	35	0.09	< 10	< 10	60	< 10	122
20350E-07825W	201 202	< 1	0.01	17	500	2	< 2	5	26	0.14	< 10	< 10	63	< 10	46
20350E-07850W	201 202	< 1	0.01	16	720	2	< 2	4	36	0.14	< 10	< 10	66	< 10	60
20350E-07875W	201 202	< 1	0.02	18	970	2	< 2	5	39	0.14	< 10	< 10	71	< 10	56
20350E-07900W	201 202	< 1	0.01	16	550	2	< 2	4	26	0.14	< 10	< 10	66	< 10	36
20350E-07925W	201 202	< 1	0.01	18	920	2	< 2	6	35	0.13	< 10	< 10</			



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :2 A  
Total Pages :4  
Certificate Date: 02-AUG-96  
Invoice No. :19625316  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20350E-08450M	201 202	< 5	< 0.2	2.48	4	110	< 0.5	4	0.69	< 0.5	19	207	19	3.60	< 10	30	0.20	< 10	1.90	355
20350E-08475M	201 202	< 5	< 0.2	1.76	6	120	< 0.5	< 2	0.47	< 0.5	12	149	11	2.65	< 10	10	0.10	< 10	1.00	235
20350E-08500M	201 202	< 5	< 0.2	2.41	6	80	< 0.5	8	0.59	< 0.5	26	372	17	3.79	< 10	< 10	0.15	< 10	3.84	310
20350E-08525M	201 202	< 5	< 0.2	1.97	6	150	< 0.5	2	0.51	< 0.5	12	151	16	2.48	< 10	10	0.14	< 10	1.04	325
20450E-07450M	201 202	< 5	< 0.2	1.97	6	280	< 0.5	< 2	0.58	< 0.5	12	64	17	2.95	10	20	0.08	< 10	0.73	340
20450E-07475M	201 202	< 5	< 0.2	2.25	6	140	< 0.5	< 2	0.66	< 0.5	14	67	20	3.01	10	20	0.08	< 10	0.74	270
20450E-07500M	201 202	< 5	< 0.2	2.08	4	90	< 0.5	< 2	0.51	< 0.5	13	77	15	2.83	< 10	10	0.07	< 10	0.81	305
20450E-07525M	201 202	< 5	< 0.2	1.88	4	80	< 0.5	2	0.57	< 0.5	10	50	14	2.72	< 10	10	0.06	< 10	0.53	205
20450E-07550M	201 202	< 5	< 0.2	2.03	6	80	< 0.5	< 2	0.71	< 0.5	9	44	13	2.48	< 10	10	0.09	< 10	0.49	215
20450E-07575M	201 202	< 5	< 0.2	1.57	2	80	< 0.5	< 2	0.48	< 0.5	9	35	10	2.37	< 10	30	0.09	< 10	0.47	410
20450E-07600M	201 202	< 5	< 0.2	2.72	6	110	< 0.5	2	0.50	< 0.5	11	50	15	2.94	< 10	10	0.06	< 10	0.72	220
20450E-07625M	201 202	< 5	< 0.2	2.13	6	80	< 0.5	< 2	0.60	< 0.5	11	38	14	2.74	< 10	10	0.10	< 10	0.56	490
20450E-07650M	201 202	< 5	< 0.2	1.96	4	120	< 0.5	2	0.95	< 0.5	11	38	22	2.69	< 10	30	0.13	< 10	0.57	625
20450E-07675M	201 202	< 5	< 0.2	2.47	2	90	< 0.5	< 2	0.47	< 0.5	10	35	24	2.78	< 10	10	0.07	< 10	0.53	190
20450E-07700M	201 202	< 5	< 0.2	1.80	2	160	< 0.5	2	0.61	< 0.5	14	40	16	2.83	< 10	10	0.17	< 10	0.59	1795
20450E-07725M	201 202	< 5	< 0.2	3.62	6	120	< 0.5	< 2	0.80	< 0.5	14	51	22	3.49	10	10	0.09	< 10	0.88	305
20450E-07750M	201 202	< 5	< 0.2	3.51	12	190	< 0.5	8	0.58	< 0.5	15	53	29	3.34	10	10	0.11	< 10	0.78	840
20450E-07775M	201 202	< 5	< 0.2	1.91	2	150	< 0.5	8	0.69	< 0.5	14	89	15	3.02	< 10	< 10	0.10	< 10	0.97	590
20450E-07800M	201 202	< 5	< 0.2	3.44	6	240	< 0.5	< 2	0.67	< 0.5	18	85	29	3.66	10	30	0.13	< 10	0.99	1430
20450E-07825M	201 202	< 5	< 0.2	3.68	6	190	< 0.5	4	0.51	< 0.5	15	36	23	3.32	10	10	0.10	< 10	0.64	795
20450E-07850M	201 202	< 5	< 0.2	2.73	8	170	< 0.5	< 2	0.52	< 0.5	13	41	16	2.90	10	20	0.07	< 10	0.67	890
20450E-07875M	201 202	< 5	< 0.2	2.57	4	190	< 0.5	2	0.59	< 0.5	12	35	19	2.62	< 10	10	0.11	< 10	0.59	1040
20450E-07900M	201 202	< 5	< 0.2	2.07	6	130	< 0.5	< 2	0.62	< 0.5	12	52	16	2.72	< 10	10	0.09	< 10	0.68	470
20450E-07925M	201 202	< 5	< 0.2	2.73	8	140	< 0.5	4	0.67	< 0.5	12	64	25	2.78	< 10	< 10	0.10	< 10	0.79	530
20450E-07950M	201 202	< 5	< 0.2	2.45	6	170	< 0.5	2	0.66	< 0.5	16	124	27	3.24	< 10	< 10	0.10	< 10	1.28	430
20450E-07975M	201 202	< 5	< 0.2	2.74	8	290	< 0.5	< 2	0.64	< 0.5	14	63	22	2.78	10	20	0.09	< 10	0.72	1670
20450E-08000M	201 202	< 5	< 0.2	2.25	8	270	< 0.5	< 2	0.51	< 0.5	13	40	17	2.79	< 10	30	0.08	< 10	0.54	2850
20450E-08025M	201 202	< 5	< 0.2	2.61	6	270	< 0.5	2	0.47	< 0.5	13	43	14	2.62	< 10	10	0.06	< 10	0.51	1570
20450E-08050M	201 202	< 5	< 0.2	2.24	2	140	< 0.5	< 2	0.35	< 0.5	11	26	10	2.10	< 10	10	0.05	< 10	0.40	675
20450E-08075M	201 202	< 5	< 0.2	3.86	6	120	< 0.5	< 2	0.50	< 0.5	13	29	22	2.66	< 10	20	0.08	< 10	0.58	620
20450E-08100M	201 202	< 5	< 0.2	3.09	8	120	< 0.5	2	0.52	< 0.5	13	32	23	2.82	< 10	30	0.06	< 10	0.66	495
20450E-08125M	201 202	< 5	< 0.2	3.06	10	120	< 0.5	6	0.57	< 0.5	14	46	36	2.75	< 10	< 10	0.08	< 10	0.71	415
20450E-08150M	201 202	< 5	< 0.2	3.25	10	140	< 0.5	< 2	0.49	< 0.5	13	49	29	2.80	< 10	10	0.07	< 10	0.70	270
20450E-08175M	201 202	< 5	< 0.2	3.01	6	140	< 0.5	< 2	0.55	< 0.5	14	61	22	2.88	< 10	< 10	0.07	< 10	0.77	370
20450E-08200M	201 202	< 5	< 0.2	2.58	8	130	< 0.5	< 2	0.66	< 0.5	14	99	17	2.95	< 10	< 10	0.09	< 10	0.80	590
20450E-08225M	201 202	< 5	< 0.2	1.60	4	210	< 0.5	2	0.62	< 0.5	9	68	11	1.94	< 10	10	0.09	< 10	0.52	920
20450E-08250M	201 202	< 5	< 0.2	2.56	6	160	< 0.5	< 2	0.32	< 0.5	11	76	14	2.38	< 10	10	0.07	< 10	0.59	370
20450E-08275M	201 202	< 5	< 0.2	1.98	6	250	< 0.5	< 2	0.30	< 0.5	10	79	9	2.04	< 10	< 10	0.12	< 10	0.59	100
20450E-08300M	201 202	< 5	< 0.2	1.97	6	110	< 0.5	< 2	0.51	< 0.5	13	143	11	2.66	< 10	< 10	0.11	< 10	1.15	175
20450E-08325M	201 202	< 5	< 0.2	1.39	6	100	< 0.5	< 2	0.46	< 0.5	12	131	11	2.46	< 10	< 10	0.06	< 10	0.95	235

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :2 B  
Total Pages :4  
Certificate Date: 02-AUG-96  
Invoice No. :19625316  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20350E-08450M	201 202	< 1	0.02	124	240	4	2	8	97	0.18	< 10	< 10	97	< 10	32
20350E-08475M	201 202	< 1	0.01	64	460	< 2	< 2	4	36	0.14	< 10	< 10	71	< 10	24
20350E-08500M	201 202	< 1	0.01	250	100	< 2	< 2	4	42	0.15	< 10	< 10	91	< 10	24
20350E-08525M	201 202	< 1	0.04	78	170	< 2	< 2	4	38	0.13	< 10	< 10	58	< 10	24
20450E-07450M	201 202	< 1	0.01	30	600	< 2	< 2	5	33	0.18	< 10	< 10	86	< 10	34
20450E-07475M	201 202	< 1	0.01	36	570	< 2	< 2	5	34	0.19	< 10	< 10	81	< 10	36
20450E-07500M	201 202	< 1	0.01	39	830	< 2	< 2	4	27	0.16	< 10	< 10	77	< 10	34
20450E-07525M	201 202	< 1	0.01	22	530	< 2	< 2	4	29	0.16	< 10	< 10	80	< 10	28
20450E-07550M	201 202	< 1	0.01	22	440	< 2	< 2	4	32	0.17	< 10	< 10	66	< 10	28
20450E-07575M	201 202	< 1	0.01	14	850	< 2	< 2	4	28	0.14	< 10	< 10	66	< 10	44
20450E-07600M	201 202	< 1	0.02	24	180	< 2	< 2	4	33	0.21	< 10	< 10	87	< 10	44
20450E-07625M	201 202	< 1	0.01	16	350	< 2	< 2	4	36	0.19	< 10	< 10	80	< 10	38
20450E-07650M	201 202	< 1	0.01	19	420	< 2	< 2	5	44	0.16	< 10	< 10	77	< 10	40
20450E-07675M	201 202	< 1	0.01	17	400	< 2	< 2	5	32	0.15	< 10	< 10	78	< 10	38
20450E-07700M	201 202	< 1	0.01	18	800	< 2	< 2	5	38	0.19	< 10	< 10	80	< 10	68
20450E-07725M	201 202	< 1	0.01	23	460	< 2	< 2	6	57	0.28	< 10	< 10	109	< 10	44
20450E-07750M	201 202	< 1	0.01	28	960	< 2	< 2	6	42	0.20	< 10	< 10	90	< 10	58
20450E-07775M	201 202	< 1	0.01	46	440	< 2	< 2	5	45	0.19	< 10	< 10	88	< 10	38
20450E-07800M	201 202	< 1	0.01	47	850	< 2	< 2	7	87	0.18	< 10	< 10	101	< 10	78
20450E-07825M	201 202	< 1	0.01	22	1490	< 2	< 2	5	37						



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :3-A  
Total Pages :4  
Certificate Date: 02-AUG-98  
Invoice No. :19625316  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20450E-08150W	201 202	< 5	0.2	1.30	< 2	100	< 0.5	< 2	0.39	< 0.5	9	108	8	1.96	< 10	10	0.09	< 10	0.71	280
20450E-08175W	201 202	< 5	< 0.2	1.16	< 2	150	< 0.5	< 2	0.24	< 0.5	9	76	7	1.57	< 10	< 10	0.09	< 10	0.60	425
20450E-08400W	201 202	< 5	< 0.2	1.77	< 2	180	< 0.5	< 2	0.47	< 0.5	11	126	15	2.30	< 10	< 10	0.10	< 10	1.09	290
20450E-08425W	201 202	< 5	< 0.2	1.60	6	120	< 0.5	2	0.44	< 0.5	12	110	10	2.28	< 10	< 10	0.15	< 10	1.00	530
20450E-08450W	201 202	< 5	< 0.2	1.58	6	130	< 0.5	2	0.48	< 0.5	13	154	15	2.36	< 10	< 10	0.09	< 10	1.17	265
20450E-08475W	201 202	< 5	< 0.2	1.61	6	190	< 0.5	< 2	0.72	< 0.5	12	114	38	2.10	< 10	10	0.14	< 10	0.99	670
20450E-08500W	201 202	< 5	< 0.2	1.53	2	190	< 0.5	< 2	0.44	< 0.5	11	84	14	1.83	< 10	< 10	0.11	< 10	0.70	1030
20450E-08525W	201 202	< 5	< 0.2	1.70	< 2	110	< 0.5	< 2	0.36	< 0.5	11	117	13	2.59	< 10	10	0.05	< 10	0.72	205
20450E-08550W	201 202	< 5	< 0.2	1.69	2	170	< 0.5	< 2	2.13	< 0.5	16	186	79	3.20	< 10	30	0.13	< 10	1.44	470
20550E-07450N	201 202	< 5	0.2	2.01	< 2	130	0.5	< 2	1.63	< 0.5	11	40	44	2.41	< 10	50	0.10	< 10	0.48	530
20550E-07475N	201 202	< 5	< 0.2	2.05	< 2	110	< 0.5	< 2	0.65	< 0.5	12	43	17	2.83	< 10	10	0.13	< 10	0.56	250
20550E-07500N	201 202	< 5	< 0.2	2.02	12	130	< 0.5	< 2	0.71	< 0.5	11	36	15	2.54	< 10	10	0.12	< 10	0.44	270
20550E-07525N	201 202	< 5	< 0.2	2.21	4	120	< 0.5	< 2	0.58	< 0.5	13	41	19	2.84	< 10	10	0.11	< 10	0.64	380
20550E-07550N	201 202	< 5	< 0.2	2.31	< 2	100	< 0.5	< 2	0.57	< 0.5	12	51	18	2.99	< 10	30	0.09	< 10	0.72	315
20550E-07575N	201 202	< 5	< 0.2	2.20	< 2	130	< 0.5	< 2	0.85	< 0.5	12	42	30	3.04	< 10	30	0.12	< 10	0.61	810
20550E-07600W	201 202	< 5	< 0.2	1.91	< 2	130	< 0.5	< 2	0.53	< 0.5	12	47	16	2.60	< 10	10	0.10	< 10	0.64	465
20550E-07625W	201 202	< 5	< 0.2	2.27	2	140	< 0.5	< 2	0.57	< 0.5	16	39	13	3.33	< 10	40	0.04	< 10	0.71	1625
20550E-07650W	201 202	< 5	< 0.2	2.11	< 2	130	< 0.5	4	0.43	< 0.5	11	47	15	2.79	< 10	10	0.05	< 10	0.62	385
20550E-07675W	201 202	10	< 0.2	1.97	6	110	< 0.5	< 2	2.50	< 0.5	12	61	25	2.67	< 10	30	0.06	< 10	0.75	205
20550E-07700W	201 202	< 5	< 0.2	2.03	6	90	< 0.5	< 2	0.56	< 0.5	13	73	14	2.99	< 10	< 10	0.10	< 10	0.88	300
20550E-07725W	201 202	< 5	< 0.2	2.41	< 2	110	< 0.5	< 2	0.48	< 0.5	15	65	19	3.06	< 10	20	0.10	< 10	0.84	625
20550E-07750W	201 202	< 5	< 0.2	2.36	< 2	130	< 0.5	< 2	0.55	< 0.5	18	75	23	3.12	< 10	10	0.06	< 10	1.06	645
20550E-07775W	201 202	< 5	< 0.2	1.83	2	110	< 0.5	< 2	0.64	< 0.5	13	55	16	2.79	< 10	10	0.12	< 10	0.75	500
20550E-07800W	201 202	< 5	< 0.2	1.98	8	100	< 0.5	< 2	0.54	< 0.5	14	61	22	2.88	< 10	20	0.07	< 10	0.79	455
20550E-07825W	201 202	< 5	< 0.2	3.17	< 2	150	< 0.5	< 2	0.59	< 0.5	20	57	46	3.51	< 10	40	0.10	< 10	0.82	685
20550E-07850W	201 202	< 5	< 0.2	2.49	< 2	130	< 0.5	< 2	0.59	< 0.5	16	52	32	3.06	< 10	40	0.07	< 10	0.79	680
20550E-07875W	201 202	< 5	< 0.2	2.40	6	170	< 0.5	< 2	0.53	< 0.5	13	69	24	2.95	< 10	20	0.07	< 10	0.81	620
20550E-07900W	201 202	< 5	< 0.2	2.77	8	180	< 0.5	< 2	0.54	< 0.5	16	80	38	3.17	< 10	10	0.06	< 10	0.91	475
20550E-07925W	201 202	< 5	< 0.2	2.35	2	90	< 0.5	< 2	0.68	< 0.5	15	76	55	3.12	< 10	10	0.07	< 10	0.81	390
20550E-07950W	201 202	< 5	< 0.2	3.16	10	90	< 0.5	< 2	0.70	< 0.5	18	73	92	3.44	< 10	10	0.06	< 10	0.91	350
20550E-07975W	201 202	< 5	< 0.2	2.80	4	110	< 0.5	< 2	0.56	< 0.5	17	50	62	2.98	< 10	10	0.05	< 10	0.66	325
20550E-08000W	201 202	< 5	0.2	3.42	4	160	< 0.5	< 2	1.16	< 0.5	23	87	43	4.05	< 10	20	0.07	< 10	1.36	365
20550E-08025W	201 202	< 5	< 0.2	2.66	6	120	< 0.5	< 2	0.82	< 0.5	19	80	24	3.12	< 10	40	0.06	< 10	1.10	505
20550E-08050W	201 202	< 5	< 0.2	2.30	6	70	< 0.5	< 2	0.96	< 0.5	18	43	14	3.59	< 10	60	0.11	< 10	0.92	555
20550E-08075W	201 202	< 5	< 0.2	2.99	2	70	< 0.5	4	0.48	< 0.5	17	40	16	3.76	< 10	30	0.05	< 10	0.88	380
20550E-08100W	201 202	< 5	< 0.2	2.20	8	70	< 0.5	< 2	0.20	< 0.5	12	14	8	2.65	< 10	10	0.04	< 10	0.35	335
20550E-08125W	201 202	< 5	< 0.2	1.83	2	100	< 0.5	< 2	0.28	< 0.5	8	34	13	1.97	< 10	< 10	0.05	< 10	0.36	190
20550E-08150W	201 202	< 5	< 0.2	2.37	10	60	< 0.5	< 2	1.18	< 0.5	24	16	41	4.96	< 10	40	0.03	< 10	1.22	1110
20550E-08175W	201 202	< 5	< 0.2	2.55	10	110	< 0.5	< 2	0.64	< 0.5	13	60	20	3.16	< 10	10	0.05	< 10	0.77	225
20550E-08200W	201 202	< 5	< 0.2	2.12	6	50	< 0.5	< 2	0.78	< 0.5	19	75	23	3.99	< 10	10	0.04	< 10	1.08	440

CERTIFICATION: *John Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
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PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Project: PLUG  
Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

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Certificate Date: 02-AUG-98  
Invoice No. :19625316  
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Account :LOY

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20450E-08350W	201 202	< 1	0.01	54	460	8	2	2	22	0.10	< 10	< 10	49	< 10	24
20450E-08375W	201 202	< 1	0.01	43	580	6	< 2	1	15	0.08	< 10	< 10	36	< 10	20
20450E-08400W	201 202	< 1	0.02	77	280	6	< 2	3	31	0.12	< 10	< 10	56	< 10	26
20450E-08425W	201 202	< 1	0.02	61	300	2	< 2	3	24	0.12	< 10	< 10	50	< 10	22
20450E-08450W	201 202	< 1	0.02	89	220	6	2	4	25	0.12	< 10	< 10	59	< 10	24
20450E-08475W	201 202	< 1	0.03	78	220	2	< 2	3	37	0.10	< 10	< 10	53	< 10	22
20450E-08500W	201 202	< 1	0.03	59	840	6	< 2	3	26	0.08	< 10	< 10	41	< 10	38
20450E-08525W	201 202	< 1	0.03	52	320	6	< 2	3	22	0.12	< 10	< 10	61	< 10	28
20450E-08550W	201 202	< 1	0.01	101	710	6	< 2	6	70	0.11	< 10	< 10	74	< 10	28
20550E-07450N	201 202	< 1	0.03	26	450	2	< 2	6	43	0.10	< 10	< 10	46	< 10	30
20550E-07475N	201 202	< 1	0.01	19	610	8	6	5	28	0.15	< 10	< 10	73	< 10	34
20550E-07500N	201 202	< 1	0.01	16	530	6	< 2	5	32	0.14	< 10	< 10	64	< 10	34
20550E-07525N	201 202	< 1	0.01	19	600	8	2	5	29	0.16	< 10	< 10	70	< 10	44
20550E-07550N	201 202	< 1	0.01	22	610	8	< 2	5	32	0.18	< 10	< 10	81	< 10	48
20550E-07575N	201 202	< 1	0.01	20	550	6	< 2	7	39	0.16	< 10	< 10	79	< 10	44
20550E-07600W	201 202	< 1	0.01	34	1010	6	< 2	4	25	0.12	< 10	< 10	63	< 10	42
20550E-07625W	201 202	< 1	0.01	20	1030	6	< 2	6	30	0.18	< 10	< 10	92	< 10	84
20550E-07650W	201 202	< 1	0.01	24	990	6	< 2	4	25	0.14	< 10	< 10	68	< 10	38
20550E-07675W	201 202	< 1	0.04	31	170	4	< 2	6	49	0.18	< 10	< 10	74	< 10	34
20550E-07700W	201 202	< 1	0.01	36	860	2	< 2	4							



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6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

Project: PLUG  
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## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
20550E-08225W	201 202	< 9	< 0.2	2.10	8	60	0.5	< 2	1.05	< 0.5	23	132	34	4.80	< 10	10	0.08	< 10	1.77	615
20550E-08250W	201 202	< 5	< 0.2	1.98	10	90	< 0.5	< 2	0.79	< 0.5	16	155	33	3.62	< 10	10	0.15	< 10	1.62	310
20550E-08275W	201 202	< 5	< 0.2	1.94	8	320	< 0.5	< 2	1.05	< 0.5	18	144	54	3.69	< 10	40	0.18	< 10	1.69	1195
20550E-08300W	201 202	< 5	< 0.2	1.79	6	70	< 0.5	< 2	0.72	< 0.5	20	208	28	3.41	< 10	10	0.13	< 10	1.93	275
20550E-08325W	201 202	< 5	< 0.2	1.61	2	220	< 0.5	< 2	0.82	< 0.5	18	128	30	2.73	< 10	10	0.10	< 10	1.22	815
20550E-08350W	201 202	< 5	< 0.2	1.92	2	110	< 0.5	< 2	1.36	< 0.5	21	173	48	3.41	< 10	10	0.13	< 10	1.84	500
20550E-08375W	201 202	< 5	< 0.2	0.57	2	40	< 0.5	< 2	4.36	< 0.5	7	36	75	0.92	< 10	140	0.13	< 10	0.53	285
20550E-08400W	201 202	< 5	< 0.2	0.71	6	40	< 0.5	< 2	4.96	< 0.5	7	39	190	1.12	< 10	160	0.04	< 10	0.57	215
20550E-08450W	201 202	< 5	< 0.2	2.24	4	100	< 0.5	< 2	2.16	< 0.5	26	154	93	3.80	< 10	30	0.27	< 10	2.04	740
20550E-08475W	201 202	< 5	< 0.2	2.62	< 2	110	< 0.5	< 2	1.35	< 0.5	25	184	67	3.88	< 10	10	0.26	< 10	2.17	725
20550E-08500W	201 202	< 5	< 0.2	2.52	8	200	< 0.5	< 2	0.63	< 0.5	17	81	25	3.03	< 10	10	0.13	< 10	0.99	910
20550E-08575W	201 202	< 5	< 0.2	1.58	10	110	< 0.5	< 2	1.07	< 0.5	18	137	33	2.81	< 10	10	0.11	< 10	1.06	435
20550E-08600W	201 202	< 5	< 0.2	1.56	8	80	< 0.5	< 2	0.55	< 0.5	13	89	16	2.75	< 10	10	0.10	< 10	0.78	190
20550E-08625W	201 202	< 5	< 0.2	1.95	6	210	< 0.5	< 2	0.89	< 0.5	18	136	52	3.34	< 10	30	0.28	< 10	1.26	815
20550E-08650W	201 202	< 5	< 0.2	1.72	< 2	100	< 0.5	< 2	0.71	< 0.5	16	97	34	2.92	< 10	< 10	0.12	< 10	0.99	375
20550E-08675W	201 202	< 5	< 0.2	2.16	8	130	< 0.5	< 2	1.03	< 0.5	20	142	72	3.89	< 10	10	0.22	< 10	1.67	590
20550E-08700W	201 202	15	0.2	2.25	< 2	180	< 0.5	< 2	1.66	< 0.5	16	96	128	2.87	< 10	40	0.13	< 10	1.20	745
20550E-08725W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
20550E-08750W	201 202	< 5	< 0.2	2.18	14	160	< 0.5	< 2	1.38	< 0.5	15	117	66	3.08	< 10	20	0.16	< 10	1.26	695

CERTIFICATION: *Grant Crooker*



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To: GEOTEC CONSULTANTS LTD.

6978 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 6M9

Project: PLUG  
 Comments: ATTN:L.W.SALEKEN CC:GRANT CROOKER

Page Number :4-B  
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 Certificate Date: 02-AUG-96  
 Invoice No. :19625316  
 P.O. Number :20  
 Account :LOY

## CERTIFICATE OF ANALYSIS A9625316

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
20550E-08225W	201 202	< 1	< 0.01	67	710	2	2	9	50	0.32	< 10	< 10	147	< 10	38
20550E-08250W	201 202	< 1	< 0.01	80	660	4	2	6	47	0.17	< 10	< 10	107	< 10	36
20550E-08275W	201 202	< 1	< 0.01	89	1000	2	2	8	65	0.15	< 10	< 10	105	< 10	48
20550E-08300W	201 202	< 1	< 0.01	112	540	2	2	5	42	0.16	< 10	< 10	96	< 10	32
20550E-08325W	201 202	< 1	< 0.01	79	1360	6	2	5	44	0.10	< 10	< 10	66	< 10	54
20550E-08350W	201 202	< 1	< 0.01	101	870	2	4	7	58	0.14	< 10	< 10	84	< 10	36
20550E-08375W	201 202	< 1	< 0.01	22	1030	< 2	< 2	2	73	0.06	< 10	< 10	30	< 10	14
20550E-08400W	201 202	< 1	< 0.01	26	1330	< 2	< 2	1	79	0.05	< 10	< 10	34	< 10	16
20550E-08450W	201 202	< 1	< 0.01	93	1060	2	< 2	6	76	0.22	< 10	< 10	105	< 10	44
20550E-08475W	201 202	< 1	< 0.01	106	510	4	2	9	67	0.23	< 10	< 10	112	< 10	40
20550E-08500W	201 202	< 1	0.03	48	1350	2	12	5	44	0.17	< 10	< 10	71	< 10	68
20550E-08575W	201 202	< 1	0.01	62	260	2	< 2	5	39	0.15	< 10	< 10	70	< 10	28
20550E-08600W	201 202	< 1	0.01	37	300	6	< 2	3	28	0.15	< 10	< 10	72	< 10	34
20550E-08625W	201 202	< 1	0.01	66	1320	6	2	7	42	0.12	< 10	< 10	85	< 10	58
20550E-08650W	201 202	< 1	0.01	41	250	6	< 2	5	29	0.16	< 10	< 10	78	< 10	36
20550E-08675W	201 202	< 1	0.01	68	530	8	< 2	9	39	0.18	< 10	< 10	96	< 10	48
20550E-08700W	201 202	< 1	0.03	53	880	2	< 2	6	54	0.13	< 10	< 10	66	< 10	40
20550E-08725W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
20550E-08750W	201 202	< 1	0.01	54	1050	8	2	8	54	0.14	< 10	< 10	92	< 10	38

CERTIFICATION: *Grant Crooker*



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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

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Certificate Date: 07-AUG-96  
Invoice No. : 19625629  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
16850E 9175H	201 202	< 5	< 0.2	2.09	< 2	140	< 0.5	4	0.91	< 0.5	11	36	32	3.22	< 10	30	0.23	< 10	0.69	575
16850E 9200H	201 202	< 5	< 0.2	1.92	< 2	150	< 0.5	4	0.61	< 0.5	9	20	14	2.67	< 10	20	0.18	< 10	0.51	495
16850E 9225H	201 202	< 5	< 0.2	2.05	< 2	140	< 0.5	4	0.64	< 0.5	10	34	20	3.06	< 10	10	0.20	< 10	0.57	405
16850E 9250H	201 202	< 5	< 0.2	1.85	< 2	140	< 0.5	2	0.53	< 0.5	9	30	17	2.65	< 10	< 10	0.13	< 10	0.53	300
16850E 9275H	201 202	< 5	< 0.2	1.58	< 2	160	< 0.5	2	0.67	< 0.5	7	24	13	2.19	< 10	< 10	0.15	< 10	0.40	830
16850E 9300H	201 202	< 5	< 0.2	1.59	< 2	140	< 0.5	4	0.57	< 0.5	9	28	16	2.53	< 10	< 10	0.13	< 10	0.52	625
16850E 9325H	201 202	< 5	< 0.2	2.28	< 2	190	< 0.5	4	1.08	< 0.5	11	34	28	2.86	< 10	20	0.18	< 10	0.65	740
16850E 9350H	201 202	< 5	< 0.2	1.96	< 2	150	< 0.5	2	1.45	< 0.5	11	31	44	2.70	< 10	60	0.20	< 10	0.75	430
16850E 9375H	201 202	< 5	< 0.2	1.84	< 2	150	< 0.5	4	1.00	< 0.5	12	32	31	2.91	< 10	10	0.22	< 10	0.71	700
16850E 9400H	201 202	< 5	< 0.2	2.22	< 2	180	< 0.5	4	1.04	< 0.5	12	36	28	3.14	< 10	10	0.23	< 10	0.66	680
16850E 9425H	201 202	< 5	< 0.2	2.42	< 2	150	< 0.5	6	0.92	< 0.5	13	40	32	3.64	< 10	10	0.21	< 10	0.72	530
16850E 9450H	201 202	< 5	< 0.2	1.91	< 2	140	< 0.5	2	1.48	< 0.5	12	38	40	2.97	< 10	10	0.15	< 10	0.78	785
16850E 9475H	201 202	< 5	< 0.2	2.16	< 2	230	< 0.5	2	1.91	< 0.5	18	56	75	3.79	< 10	50	0.12	< 10	1.25	2280
16850E 9500H	201 202	< 5	< 0.2	2.65	< 2	170	< 0.5	2	0.97	< 0.5	14	53	27	3.78	< 10	20	0.15	< 10	0.78	560
16850E 9525H	201 202	10	< 0.2	2.37	< 2	200	< 0.5	2	1.65	< 0.5	15	58	92	3.77	< 10	50	0.14	< 10	1.20	1225
16850E 9550H	201 202	< 5	< 0.2	2.21	< 2	210	< 0.5	< 2	1.96	< 0.5	18	55	80	3.61	< 10	< 10	0.13	< 10	1.27	2070
16850E 9575H	201 202	< 5	< 0.2	2.12	< 4	250	< 0.5	< 2	1.94	< 0.5	18	46	74	4.02	< 10	70	0.12	< 10	1.13	4080
16850E 9600H	201 202	5	< 0.2	2.32	10	770	< 0.5	2	1.94	< 0.5	28	58	112	6.45	< 10	40	0.14	< 10	1.31	7220
16850E 9625H	201 202	< 5	< 0.2	2.23	6	170	< 0.5	4	0.99	< 0.5	15	42	46	3.53	< 10	< 10	0.25	< 10	0.78	850
16850E 9650H	201 202	10	< 0.2	2.25	2	160	< 0.5	4	0.78	< 0.5	11	44	22	3.12	< 10	< 10	0.16	< 10	0.59	675
16850E 9675H	201 202	< 5	< 0.2	2.49	< 2	150	< 0.5	4	0.81	< 0.5	12	49	29	3.64	< 10	40	0.15	< 10	0.73	505
16850E 9700H	201 202	< 5	< 0.2	2.04	6	150	< 0.5	4	2.60	< 0.5	15	43	49	1.72	< 10	40	0.20	< 10	1.00	785
16850E 9725H	201 202	< 5	< 0.2	2.20	< 2	180	< 0.5	4	0.89	< 0.5	12	34	31	3.16	< 10	30	0.24	< 10	0.68	780
16850E 9750H	201 202	< 5	< 0.2	2.13	< 2	200	< 0.5	4	1.08	< 0.5	14	34	38	3.23	< 10	20	0.29	< 10	0.72	875
16850E 9775H	201 202	< 5	< 0.2	2.24	2	200	< 0.5	6	0.99	< 0.5	14	28	40	3.48	< 10	20	0.26	< 10	0.79	885
16850E 9800H	201 202	< 5	< 0.2	1.74	2	130	< 0.5	4	0.78	< 0.5	11	31	26	2.96	< 10	< 10	0.20	< 10	0.63	640
16850E 9825H	201 202	< 5	< 0.2	2.08	< 2	190	< 0.5	4	0.95	< 0.5	11	16	43	1.30	< 10	20	0.27	< 10	0.74	860
16850E 9850H	201 202	< 5	< 0.2	1.93	2	180	< 0.5	6	1.01	< 0.5	12	33	42	3.13	< 10	30	0.23	< 10	0.74	825
16850E 9875H	201 202	< 5	< 0.2	2.26	< 2	210	< 0.5	4	1.17	< 0.5	14	37	61	2.47	< 10	40	0.26	< 10	0.91	980
16850E 9900H	201 202	< 5	< 0.2	2.13	4	190	< 0.5	4	1.36	< 0.5	14	37	53	3.45	< 10	40	0.28	< 10	0.88	775
16850E 9925H	201 202	< 5	< 0.2	2.23	< 2	180	< 0.5	6	0.92	< 0.5	12	39	36	3.55	< 10	10	0.21	< 10	0.75	485
16850E 9950H	201 202	< 5	< 0.2	2.68	< 2	190	< 0.5	6	0.91	< 0.5	12	38	38	3.57	< 10	30	0.26	< 10	0.74	710
16850E 9975H	201 202	< 5	< 0.2	2.12	< 2	150	< 0.5	6	0.89	< 0.5	11	35	29	3.46	< 10	10	0.24	< 10	0.73	650
16850E 10000H	201 202	< 5	< 0.2	2.42	< 2	160	< 0.5	6	0.85	< 0.5	12	26	34	3.47	< 10	10	0.21	< 10	0.67	625
16850E 10025H	201 202	< 5	< 0.2	2.77	4	180	< 0.5	6	0.98	< 0.5	15	44	53	4.03	< 10	30	0.24	< 10	0.91	755
16850E 10050H	201 202	< 5	< 0.2	2.61	2	170	< 0.5	6	0.96	< 0.5	14	43	52	3.94	< 10	20	0.23	< 10	0.80	650
16850E 10075H	201 202	< 5	< 0.2	2.45	< 2	150	< 0.5	6	0.81	< 0.5	11	37	33	3.52	< 10	< 10	0.25	< 10	0.67	540
16850E 10100H	201 202	< 5	< 0.2	2.33	2	190	< 0.5	6	1.00	< 0.5	13	40	45	3.71	< 10	40	0.21	< 10	0.78	710
16850E 10125H	201 202	< 5	< 0.2	2.23	2	170	< 0.5	6	0.88	< 0.5	12	36	27	3.66	< 10	10	0.22	< 10	0.63	620
16850E 10150H	201 202	< 5	< 0.2	2.19	2	180	< 0.5	6	0.85	< 0.5	11	38	30	3.46	< 10	10	0.22	< 10	0.64	725

CERTIFICATION: *Hart Buchler*



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6976 LABURNUM ST.  
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V6P 5M9

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SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
16850E 9175H	201 202	1	< 0.01	15	590	4	< 2	8	60	0.18	< 10	< 10	92	< 10	64
16850E 9200H	201 202	1	< 0.01	12	460	2	< 2	6	38	0.15	< 10	< 10	73	< 10	60
16850E 9225H	201 202	1	< 0.01	14	530	2	< 2	6	37	0.16	< 10	< 10	81	< 10	52
16850E 9250H	201 202	1	< 0.01	13	470	2	< 2	8	27	0.13	< 10	< 10	70	< 10	42
16850E 9275H	201 202	1	< 0.01	11	740	2	< 2	4	29	0.10	< 10	< 10	85	< 10	76
16850E 9300H	201 202	1	< 0.01	12	470	< 2	< 2	8	31	0.14	< 10	< 10	68	< 10	50
16850E 9325H	201 202	1	0.02	15	440	< 2	< 2	7	87	0.16	< 10	< 10	75	< 10	48
16850E 9350H	201 202	1	0.02	16	560	< 2	< 2	7	91	0.15	< 10	< 10	78	< 10	42
16850E 9375H	201 202	2	0.01	15	600	2	< 2	7	64	0.16	< 10	< 10	83	< 10	50
16850E 9400H	201 202	1	0.02	15	700	2	< 2	8	64	0.17	< 10	< 10	88	< 10	72
16850E 9425H	201 202	1	0.01	17	640	2	< 2	9	61	0.19	< 10	< 10	102	< 10	50
16850E 9450H	201 202	< 1	0.01	18	640	< 2	< 2	7	82	0.14	< 10	< 10	84	< 10	48
16850E 9475H	201 202	1	0.01	28	1160	< 2	< 2	9	109	0.11	< 10	< 10	98	< 10	46
16850E 9500H	201 202	1	0.01	24	500	2	< 2	11	82	0.12	< 10	< 10	105	< 10	52
16850E 9525H	201 202	1	0.01	27	970	2	< 2	11	101	0.11	< 10	< 10	97	< 10	52
16850E 9550H	201 202	2	0.01	28	1200	2	< 2	10	109	0.11	< 10	< 10	92	< 10	52
16850E 9575H	201 202	1	0.01	28	1240	< 2	< 2	9	113	0.11	< 10	< 10	87	< 10	54
16850E 9600H	201 202	5	0.01	34	1740	< 2	< 2	11	122	0.10	< 10	< 10	112	< 10	50
16850E 9625H	201 202	1	< 0.01	21	520	< 2	< 2	9	87	0.17	< 10	< 10	100	< 10	50
16850E 9650H	201 202	1	< 0.01	19	350	2	< 2	8	49	0.16	< 10	< 10	88	< 10	54
1685															



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number :2-A  
Total Pages :7  
Certificate Date: 07-AUG-96  
Invoice No. :19625629  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Ni ppm
16950E 10175N	201 202	< 5 < 0.2	1.95	6	150	< 0.5	4	0.82	< 0.5	11	33	30	3.27	< 10	10	0.17	< 10	0.42	625	
16950E 9175N	201 202	< 5 < 0.2	2.07	4	210	< 0.5	2	1.20	< 0.5	13	34	43	3.06	< 10	50	0.21	< 10	0.74	870	
16950E 9200N	201 202	< 5 < 0.2	1.80	2	150	< 0.5	< 2	4.60	< 0.5	11	32	60	2.53	< 10	50	0.13	< 10	0.86	530	
16950E 9225N	201 202	< 5 < 0.2	1.28	2	130	< 0.5	< 2	9.26	< 0.5	9	34	62	1.98	< 10	60	0.06	< 10	0.90	495	
16950E 9250N	201 202	< 5 < 0.2	2.01	< 2	120	< 0.5	< 2	2.46	< 0.5	15	58	64	3.18	< 10	70	0.11	< 10	1.28	435	
16950E 9275N	201 202	< 5 < 0.2	2.75	2	120	0.5	4	1.63	< 0.5	16	43	78	3.78	< 10	60	0.29	< 10	1.19	370	
16950E 9300N	201 202	< 5 < 0.2	2.87	< 2	210	0.5	3	1.79	< 0.5	15	38	90	3.58	< 10	60	0.27	< 10	1.11	655	
16950E 9325N	201 202	< 5 < 0.2	2.73	< 2	180	0.5	2	1.62	< 0.5	14	37	76	3.39	< 10	40	0.27	< 10	1.10	545	
16950E 9350N	201 202	< 5 < 0.2	2.39	6	220	< 0.5	4	1.07	< 0.5	15	38	51	3.36	< 10	40	0.33	< 10	0.88	865	
16950E 9375N	201 202	< 5 < 0.2	2.26	< 2	210	< 0.5	4	0.95	< 0.5	11	33	28	3.03	< 10	10	0.26	< 10	0.60	920	
16950E 9400N	201 202	< 5 < 0.2	2.35	2	170	< 0.5	6	1.11	< 0.5	14	41	44	3.66	< 10	30	0.30	< 10	0.85	810	
16950E 9425N	201 202	< 5 < 0.2	2.13	< 2	140	< 0.5	6	0.82	< 0.5	12	36	30	3.36	< 10	10	0.21	< 10	0.72	435	
16950E 9450N	201 202	< 5 < 0.2	1.96	< 2	130	< 0.5	6	0.81	< 0.5	10	34	31	3.10	< 10	10	0.21	< 10	0.47	485	
16950E 9475N	201 202	< 5 < 0.2	1.70	< 2	120	< 0.5	4	0.74	< 0.5	10	31	23	2.99	< 10	10	0.16	< 10	0.42	515	
16950E 9500N	201 202	< 5 < 0.2	1.84	< 2	130	< 0.5	4	0.86	< 0.9	13	38	31	3.34	< 10	< 10	0.18	< 10	0.64	455	
16950E 09525N	201 202	< 5 < 0.2	2.35	4	190	< 0.5	2	1.33	< 0.5	10	30	60	2.88	< 10	20	0.22	< 10	0.84	540	
16950E 09550N	201 202	< 5 < 0.2	3.37	< 2	200	< 0.5	4	1.11	< 0.5	13	35	49	3.31	< 10	40	0.23	< 10	0.85	690	
16950E 09575N	201 202	< 5 < 0.2	2.16	4	160	< 0.5	4	0.90	< 0.5	13	38	36	3.34	< 10	10	0.23	< 10	0.76	650	
16950E 09600N	201 202	< 5 < 0.2	2.34	2	170	< 0.5	4	1.13	< 0.5	14	40	53	3.61	< 10	50	0.22	< 10	0.88	665	
16950E 09625N	201 202	< 5 < 0.2	2.60	8	200	0.5	6	1.37	< 0.5	15	39	65	3.64	< 10	30	0.25	< 10	1.20	740	
16950E 09650N	201 202	< 5 < 0.2	2.54	2	230	0.5	4	1.56	< 0.5	14	40	74	3.59	< 10	60	0.22	< 10	1.23	815	
16950E 09675N	201 202	< 5 < 0.2	2.35	2	180	< 0.5	6	1.11	< 0.5	15	41	44	3.67	< 10	20	0.22	< 10	0.83	735	
16950E 09700N	201 202	< 5 < 0.2	2.29	2	160	< 0.5	6	0.91	< 0.5	13	37	38	3.47	< 10	30	0.20	< 10	0.74	690	
16950E 09725N	201 202	< 5 < 0.2	1.87	2	140	< 0.5	4	0.74	< 0.5	9	31	21	2.97	< 10	< 10	0.16	< 10	0.57	600	
16950E 09750N	201 202	< 5 < 0.2	2.59	6	210	0.5	4	1.25	< 0.5	15	40	69	3.72	< 10	50	0.26	< 10	1.09	800	
16950E 09775N	201 202	< 5 < 0.2	1.79	6	230	< 0.5	< 2	2.54	< 0.5	16	46	66	3.40	< 10	90	0.14	< 10	1.12	2310	
16950E 09800N	201 202	< 5 < 0.2	2.38	4	230	< 0.5	4	1.22	< 0.5	16	44	59	3.83	< 10	10	0.30	< 10	0.88	955	
16950E 09825N	201 202	< 5 < 0.2	2.29	2	220	< 0.5	4	1.55	< 0.5	15	39	52	3.51	< 10	40	0.30	< 10	0.85	880	
16950E 09850N	201 202	< 5 < 0.2	2.22	2	190	< 0.5	4	0.97	< 0.5	15	38	46	3.53	< 10	< 10	0.29	< 10	0.79	860	
16950E 09875N	201 202	< 5 < 0.2	2.04	2	160	< 0.5	6	0.85	< 0.5	12	35	31	3.47	< 10	< 10	0.21	< 10	0.70	785	
16950E 09900N	201 202	< 5 < 0.2	2.11	< 2	160	< 0.5	6	0.94	< 0.5	12	36	42	3.54	< 10	10	0.23	< 10	0.78	730	
16950E 09925N	201 202	< 5 < 0.2	2.05	< 2	130	< 0.5	6	0.84	< 0.5	12	35	28	3.43	< 10	10	0.19	< 10	0.64	540	
16950E 09950N	201 202	< 5 < 0.2	2.27	< 2	140	< 0.5	6	0.70	< 0.5	9	30	20	3.00	< 10	10	0.21	< 10	0.55	540	
16950E 09975N	201 202	< 5 < 0.2	2.14	4	150	< 0.5	6	0.75	< 0.5	9	32	19	3.16	< 10	10	0.15	< 10	0.51	460	
16950E 10000N	201 202	< 5 < 0.2	2.23	< 2	170	< 0.5	6	0.68	< 0.5	8	30	18	3.03	< 10	< 10	0.17	< 10	0.52	365	
16950E 10025N	201 202	< 5 < 0.2	2.07	4	140	< 0.5	6	0.79	< 0.5	9	33	21	3.15	< 10	< 10	0.15	< 10	0.51	470	
16950E 10050N	201 202	< 5 < 0.2	1.89	2	340	< 0.5	< 2	2.26	< 0.5	10	28	73	2.49	< 10	50	0.09	< 10	0.69	205	
17050E 9175N	201 202	< 5 < 0.2	2.17	< 2	140	< 0.5	< 2	2.17	< 0.5	13	38	50	3.21	< 10	40	0.23	< 10	1.06	675	
17050E 9200N	201 202	< 5 < 0.2	2.68	6	210	0.5	6	1.39	< 0.5	15	34	63	3.21	< 10	40	0.42	< 10	1.03	805	
17050E 9225N	201 202	< 5 < 0.2	2.37	2	190	< 0.5	2	1.01	< 0.5	14	37	51	3.28	< 10	30	0.36	< 10	0.77	770	

CERTIFICATION: *Heidi Buchler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number :2-B  
Total Pages :7  
Certificate Date: 07-AUG-96  
Invoice No. :19625629  
P.O. Number :20  
Account :LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
16950E 10175N	201 202	1 < 0.01	14	410	2 < 2	8	54	0.17	< 10	< 10	95	< 10	46		
16950E 9175N	201 202	3 < 0.01	18	650	4 < 2	8	76	0.15	< 10	< 10	84	< 10	48		
16950E 9200N	201 202	< 1 0.01	18	740	< 2 < 2	7	203	0.10	< 10	< 10	71	< 10	38		
16950E 9225N	201 202	< 1 0.03	18	940	< 2 < 2	6	270	0.06	< 10	< 10	55	< 10	32		
16950E 9250N	201 202	1 0.02	28	1190	< 2 < 2	9	104	0.11	< 10	< 10	83	< 10	52		
16950E 9275N	201 202	1 < 0.01	22	1000	< 2 < 2	11	103	0.17	< 10	< 10	101	< 10	62		
16950E 9300N	201 202	1 0.01	23	780	2 < 2	10	108	0.15	< 10	< 10	94	< 10	58		
16950E 9325N	201 202	1 0.04	20	740	2 < 2	9	109	0.15	< 10	< 10	84	< 10	52		
16950E 9350N	201 202	2 < 0.01	19	690	2 < 2	9	85	0.17	< 10	< 10	95	< 10	56		
16950E 9375N	201 202	1 < 0.01	15	640	2 < 2	7	53	0.14	< 10	< 10	79	< 10	98		
16950E 9400N	201 202	1 < 0.01	20	540	2 < 2	10	66	0.18	< 10	< 10	105	< 10	46		
16950E 9425N	201 202	1 < 0.01	15	450	2 < 2	8	51	0.19	< 10	< 10	97	< 10	53		
16950E 9450N	201 202	1 < 0.01	14	470	2 < 2	8	52	0.18	< 10	< 10	89	< 10	54		
16950E 9475N	201 202	1 < 0.01	13	410	2 < 2	7	44	0.17	< 10	< 10	88	< 10	50		
16950E 9500N	201 202	1 < 0.01	15	680	< 2 < 2	8	65	0.16	< 10	< 10	94	< 10	52		
16950E 09525N	201 202	1 0.01	18	630	2 < 2	7	101	0.12	< 10	< 10	73	< 10	52		
16950E 09550N	201 202	2 < 0.01	19	680	2 < 2	9	76	0.15	< 10	< 10	90	< 10	48		
16950E 09575N	201 202	2 < 0.01	16	720	< 2 < 2	8	59	0.14	< 10	< 10	93	< 10	44		
16950E 09600N	201 202	3 < 0.01	19	970	2 < 2	9	76	0.16	< 10	< 10	104	< 10	48		
16950E 09625N	201 202	2 0.01	21	710	< 2 < 2	10	115	0.16	< 10	< 10	101	< 10	52		
16950E 09650N	201 202	1 0.02	20	770	2 < 2	10	133	0.14	< 10	< 10	103	< 10	50		
16950E 09675N	201 202	2 < 0.01	18	650	2 < 2	10	76	0.18	< 10	< 10	107	< 10			



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Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 3 A  
 Total Pages : 7  
 Certificate Date: 07-AUG-96  
 Invoice No. : 19625629  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17050E 9350H	201 202	< 5	< 0.2	2.39	6	180	< 0.5	< 2	1.20	< 0.5	16	40	63	3.63	< 10	40	0.41	< 10	0.96	805
17050E 9275H	201 202	< 5	< 0.2	2.08	< 2	200	< 0.5	< 2	1.36	< 0.5	17	46	79	3.91	< 10	60	0.41	< 10	1.20	860
17050E 9300H	201 202	< 5	< 0.2	2.72	< 2	200	< 0.5	< 2	1.37	< 0.5	18	43	77	3.83	< 10	50	0.35	< 10	1.33	800
17050E 9325H	201 202	< 5	< 0.2	2.38	< 2	190	< 0.5	< 2	1.12	< 0.5	15	26	42	3.24	< 10	30	0.27	< 10	0.80	780
17050E 9350H	201 202	< 5	< 0.2	2.92	< 2	230	< 0.5	< 2	1.30	< 0.5	13	34	65	3.29	< 10	30	0.24	< 10	1.03	595
17050E 9375H	201 202	< 5	< 0.2	2.22	6	180	< 0.5	< 2	1.32	< 0.5	16	38	87	3.38	< 10	30	0.24	< 10	0.86	805
17050E 9400H	201 202	< 5	< 0.2	2.21	6	180	< 0.5	< 2	0.95	< 0.5	14	38	33	3.34	< 10	10	0.24	< 10	0.70	910
17050E 9425H	201 202	< 5	< 0.2	2.49	< 2	170	< 0.5	< 2	1.03	< 0.5	15	46	47	3.98	< 10	20	0.21	< 10	0.92	635
17050E 9450H	201 202	< 5	< 0.2	2.41	10	170	< 0.5	< 2	0.90	< 0.5	14	36	33	3.27	< 10	60	0.29	< 10	0.72	720
17050E 9475H	201 202	< 5	< 0.2	2.55	< 2	190	< 0.5	< 2	0.81	< 0.5	14	34	30	3.34	< 10	30	0.30	< 10	0.63	890
17050E 9500H	201 202	< 5	< 0.2	2.15	4	140	< 0.5	< 2	0.92	< 0.5	11	35	27	3.32	< 10	< 10	0.20	< 10	0.67	530
17050E 9525H	201 202	< 5	< 0.2	2.38	10	180	< 0.5	< 2	0.99	< 0.5	12	33	36	3.34	< 10	20	0.20	< 10	0.68	770
17050E 9550H	201 202	10	< 0.2	2.68	4	210	< 0.5	< 2	1.18	< 0.5	15	38	53	3.51	< 10	80	0.24	< 10	0.85	810
17050E 9575H	201 202	< 5	< 0.2	2.46	4	220	< 0.5	< 2	1.17	< 0.5	15	38	48	3.50	< 10	30	0.31	< 10	0.86	830
17050E 9600H	201 202	< 5	< 0.2	2.25	10	160	< 0.5	< 2	0.92	< 0.5	12	34	28	3.40	< 10	20	0.20	< 10	0.64	685
17050E 9625H	201 202	< 5	< 0.2	2.39	10	200	< 0.5	< 2	1.71	< 0.5	10	33	70	3.03	< 10	40	0.23	< 10	0.88	530
17050E 9450H	201 202	< 5	< 0.2	2.61	10	190	< 0.5	< 2	1.05	< 0.5	16	41	42	3.74	< 10	10	0.23	< 10	0.84	825
17050E 9675H	201 202	< 5	< 0.2	2.24	6	140	< 0.5	< 2	1.02	< 0.5	14	37	44	3.55	< 10	30	0.22	< 10	0.84	705
17050E 9700H	201 202	< 5	< 0.2	2.04	4	150	< 0.5	< 2	1.09	< 0.5	13	40	40	3.37	< 10	10	0.21	< 10	0.72	655
17050E 9725H	201 202	< 5	< 0.2	2.38	4	180	< 0.5	< 2	1.14	< 0.5	17	60	69	3.81	< 10	10	0.25	< 10	0.87	840
17050E 9750H	201 202	< 5	< 0.2	1.90	< 2	170	< 0.5	< 2	0.48	< 0.5	14	32	28	2.69	< 10	< 10	0.26	< 10	0.54	495
17050E 9775H	201 202	< 5	< 0.2	2.30	8	180	< 0.5	< 2	0.94	< 0.5	13	35	29	2.28	< 10	< 10	0.24	< 10	0.66	835
17050E 9800H	201 202	< 5	< 0.2	2.21	< 2	140	< 0.5	< 2	0.96	< 0.5	12	38	28	3.41	< 10	60	0.26	< 10	0.74	680
17050E 9825H	201 202	< 5	< 0.2	2.58	14	310	< 0.5	< 2	1.44	< 0.5	16	53	79	3.84	< 10	40	0.24	< 10	1.13	1040
17050E 9850H	201 202	< 5	< 0.2	2.30	10	170	< 0.5	< 2	1.93	< 0.5	17	56	85	3.93	< 10	50	0.19	< 10	1.26	1340
17150E 9175H	201 202	< 5	< 0.2	2.82	4	190	< 0.5	< 2	1.32	< 0.5	17	44	74	3.84	< 10	40	0.33	< 10	1.17	805
17150E 9200H	201 202	< 5	< 0.2	2.35	4	200	< 0.5	< 2	1.09	< 0.5	12	29	45	2.74	< 10	40	0.27	< 10	1.17	480
17150E 9225H	201 202	< 5	< 0.2	2.72	8	230	< 0.5	< 2	1.35	< 0.5	17	38	70	3.44	< 10	10	0.38	< 10	1.14	780
17150E 9250H	201 202	< 5	< 0.2	2.63	< 2	320	< 0.5	< 2	1.49	< 0.5	14	40	65	3.50	< 10	40	0.43	< 10	1.04	795
17150E 9275H	201 202	< 5	< 0.2	2.63	< 2	190	< 0.9	< 2	1.03	< 0.8	13	33	35	2.99	< 10	30	0.34	< 10	0.72	880
17150E 9300H	201 202	< 5	< 0.2	2.55	8	200	< 0.5	< 2	0.93	< 0.5	15	40	28	3.47	< 10	< 10	0.33	< 10	0.68	950
17150E 9325H	201 202	< 5	< 0.2	2.55	10	170	< 0.5	< 2	0.94	< 0.5	14	40	35	3.66	< 10	< 10	0.23	< 10	0.79	415
17150E 9350H	201 202	< 5	< 0.2	3.41	12	170	< 0.5	< 2	0.90	< 0.8	14	37	24	3.42	< 10	< 10	0.34	< 10	0.73	810
17150E 9375H	201 202	< 5	< 0.2	2.12	2	130	< 0.5	< 2	0.92	< 0.5	11	34	25	3.35	< 10	< 10	0.20	< 10	0.64	720
17150E 9400H	201 202	< 9	< 0.2	2.50	4	140	< 0.8	< 2	0.86	< 0.5	13	34	29	3.32	< 10	10	0.25	< 10	0.69	740
17150E 9425H	201 202	< 5	< 0.2	2.31	12	170	< 0.5	< 2	1.07	< 0.5	13	38	43	3.47	< 10	10	0.25	< 10	0.82	750
17150E 9450H	201 202	< 5	< 0.2	2.87	4	200	< 0.5	< 2	0.94	< 0.5	12	34	40	3.51	< 10	10	0.22	< 10	0.74	680
17150E 9475H	201 202	< 5	< 0.2	2.32	8	210	< 0.8	< 2	1.90	< 0.5	14	34	87	3.07	< 10	20	0.33	< 10	0.95	695
17150E 9500H	201 202	< 5	< 0.2	2.52	2	180	< 0.5	< 2	1.14	< 0.5	16	40	84	3.59	< 10	50	0.30	< 10	0.91	735
17150E 9525H	201 202	< 8	< 0.2	2.79	6	200	< 0.8	< 2	1.49	< 0.9	12	24	79	3.21	< 10	10	0.24	< 10	1.04	720

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 3 B  
 Total Pages : 7  
 Certificate Date: 07-AUG-96  
 Invoice No. : 19625629  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17050E 9250H	201 202	< 1	< 0.01	32	1220	4	8	10	47	0.14	< 10	< 10	104	< 10	63
17050E 9275H	201 202	1	0.01	25	1110	< 2	4	11	94	0.17	< 10	< 10	115	< 10	43
17050E 9300H	201 202	1	0.02	22	1010	6	2	10	109	0.14	< 10	< 10	110	< 10	60
17050E 9325H	201 202	< 1	0.01	18	810	6	< 2	8	44	0.16	< 10	< 10	94	< 10	40
17050E 9350H	201 202	< 1	0.03	19	760	2	8	9	102	0.14	< 10	< 10	94	< 10	54
17050E 9375H	201 202	< 1	0.01	21	930	2	6	9	58	0.15	< 10	< 10	93	< 10	58
17050E 9400H	201 202	< 1	< 0.01	18	700	4	2	8	50	0.16	< 10	< 10	92	< 10	64
17050E 9425H	201 202	< 1	< 0.01	18	740	6	6	10	47	0.20	< 10	< 10	114	< 10	56
17050E 9450H	201 202	< 1	0.01	15	500	6	6	8	63	0.19	< 10	< 10	95	< 10	66
17050E 9475H	201 202	< 1	0.01	15	500	2	6	8	42	0.19	< 10	< 10	94	< 10	92
17050E 9500H	201 202	< 1	0.01	13	430	6	10	7	44	0.20	< 10	< 10	101	< 10	54
17050E 9525H	201 202	< 1	0.01	15	850	2	4	9	72	0.17	< 10	< 10	87	< 10	66
17050E 9550H	201 202	1	0.01	19	890	4	6	9	89	0.17	< 10	< 10	99	< 10	52
17050E 9575H	201 202	1	0.01	17	730	4	2	9	88	0.17	< 10	< 10	101	< 10	58
17050E 9600H	201 202	< 1	0.01	13	580	6	6	8	48	0.19	< 10	< 10	102	< 10	40
17050E 9425H	201 202	< 1	0.02	14	870	2	< 2	7	132	0.14	< 10	< 10	79	< 10	58
17050E 9450H	201 202	< 1	0.01	17	870	2	4	9	83	0.19	< 10	< 10	112	< 10	84
17050E 9475H	201 202	< 1	0.01	17	400	4	< 2	9	74	0.18	< 10	< 10	105	< 10	50
17050E 9700H	201 202	< 1	0.01	17	720	2	< 2	8	74	0.19	< 10	< 10	104	< 10	44
17050E 9725H	201 202	< 1</													





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Analytical Chemists • Geochemists • Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 4-A  
Total Pages : 7  
Certificate Date: 07-AUG-96  
Invoice No. : 19625629  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppb	K %	La ppm	Mg %	Mn ppm
17150E 9550N	201 202	< 5	0.2	3.01	10	180	< 0.5	2	1.03	0.5	15	34	34	3.08	< 10	20	0.24	< 10	0.73	475
17150E 9575N	201 202	< 5	< 0.2	3.20	8	170	< 0.5	< 2	0.86	< 0.5	15	38	34	3.82	< 10	40	0.22	< 10	0.80	460
17150E 9600N	201 202	< 5	< 0.2	2.09	10	190	< 0.5	< 2	1.04	< 0.5	15	38	51	3.55	< 10	40	0.20	< 10	0.89	860
17150E 9625N	201 202	< 5	0.2	1.55	8	150	< 0.5	< 2	0.54	< 0.5	15	28	25	2.44	< 10	< 10	0.17	< 10	0.52	570
17150E 9650N	201 202	< 5	< 0.2	1.98	2	190	< 0.5	< 2	0.74	0.5	13	31	29	2.97	< 10	< 10	0.20	< 10	0.67	610
17150E 9675N	201 202	< 5	< 0.2	2.15	< 2	230	< 0.5	< 2	1.00	< 0.5	14	36	48	3.22	< 10	50	0.20	< 10	0.81	780
17150E 9700N	201 202	< 5	< 0.2	2.04	10	150	< 0.5	< 2	0.73	< 0.5	11	34	25	3.14	< 10	< 10	0.20	< 10	0.64	395
17150E 9725N	201 202	< 5	< 0.2	2.51	2	170	< 0.5	< 2	1.00	< 0.5	15	43	38	3.92	< 10	20	0.24	< 10	0.81	865
17150E 9750N	201 202	< 5	< 0.2	2.41	< 2	170	< 0.5	< 2	0.87	< 0.5	11	36	28	3.02	< 10	10	0.20	< 10	0.71	450
17150E 9775N	201 202	< 5	< 0.2	2.18	< 2	170	< 0.5	< 2	0.83	0.5	13	32	26	3.09	< 10	10	0.35	< 10	0.44	860
17150E 9800N	201 202	< 5	< 0.2	2.16	6	170	< 0.5	< 2	0.85	< 0.5	12	39	27	3.18	< 10	< 10	0.25	< 10	0.62	695
17150E 9825N	201 202	< 5	< 0.2	2.38	14	210	< 0.5	< 2	1.30	< 0.5	19	43	62	3.98	< 10	40	0.26	< 10	0.93	945
17150E 9850N	201 202	< 5	< 0.2	2.33	8	200	< 0.5	< 2	0.77	< 0.5	12	38	24	3.41	< 10	20	0.24	< 10	0.58	800
17150E 9875N	201 202	< 5	< 0.2	2.28	2	170	< 0.5	< 2	0.92	< 0.5	13	37	28	3.39	< 10	10	0.19	< 10	0.62	755
17250E 9175N	201 202	< 5	< 0.2	2.64	< 2	200	< 0.5	< 2	0.79	< 0.5	13	36	23	3.23	< 10	10	0.26	< 10	0.62	965
17250E 9200N	201 202	< 5	< 0.2	2.13	6	190	< 0.5	< 2	0.82	0.5	14	35	28	3.19	< 10	10	0.23	< 10	0.67	820
17250E 9225N	201 202	< 5	< 0.2	1.96	6	150	< 0.5	< 2	0.70	< 0.5	11	31	22	2.80	< 10	10	0.20	< 10	0.56	650
17250E 9250N	201 202	< 5	< 0.2	1.90	8	150	< 0.5	< 2	0.85	< 0.5	12	26	29	3.11	< 10	10	0.16	< 10	0.62	695
17250E 9275N	201 202	< 5	< 0.2	2.40	12	160	< 0.5	< 2	0.95	< 0.5	14	40	35	3.48	< 10	< 10	0.31	< 10	0.79	655
17250E 9300N	201 202	< 5	< 0.2	2.17	8	180	< 0.5	< 2	1.12	< 0.5	15	38	37	3.33	< 10	20	0.24	< 10	0.83	745
17250E 9325N	201 202	< 5	< 0.2	2.76	< 2	210	0.5	< 2	1.15	< 0.5	18	42	51	3.65	< 10	20	0.28	< 10	0.95	710
17250E 9350N	201 202	< 5	< 0.2	2.45	< 2	210	< 0.5	< 2	1.20	< 0.5	16	39	94	3.42	< 10	40	0.21	< 10	0.89	565
17250E 9375N	201 202	< 5	< 0.2	2.14	6	190	< 0.5	< 2	0.83	< 0.5	15	38	36	3.19	< 10	10	0.19	< 10	0.80	735
17250E 9400N	201 202	< 5	< 0.2	2.63	12	190	< 0.5	< 2	0.95	< 0.5	16	40	40	3.55	< 10	40	0.24	< 10	0.85	670
17250E 9425N	201 202	< 5	< 0.2	2.74	6	180	< 0.5	< 2	0.99	< 0.5	15	41	69	3.67	< 10	20	0.32	< 10	0.83	630
17250E 9450N	201 202	< 5	< 0.2	2.83	2	180	< 0.5	< 2	1.04	< 0.5	18	42	42	3.77	< 10	40	0.27	< 10	0.88	665
17250E 9475N	201 202	< 5	< 0.2	2.16	< 2	160	< 0.5	< 2	0.85	< 0.5	13	36	26	3.33	< 10	< 10	0.18	< 10	0.71	865
17250E 9500N	201 202	< 5	< 0.2	1.97	2	160	< 0.5	< 2	0.77	< 0.5	14	37	35	3.41	< 10	10	0.19	< 10	0.80	595
17250E 9525N	201 202	< 5	< 0.2	1.43	10	170	< 0.5	< 2	0.87	< 0.5	14	38	38	3.59	< 10	< 10	0.27	< 10	0.78	810
17250E 9550N	201 202	< 5	< 0.2	2.22	8	160	< 0.5	< 2	0.84	< 0.5	14	37	36	3.45	< 10	< 10	0.33	< 10	0.75	675
17250E 9575N	201 202	< 5	< 0.2	2.28	< 3	180	< 0.5	< 2	0.73	< 0.5	12	36	24	3.38	< 10	< 10	0.18	< 10	0.62	510
17250E 9600N	201 202	< 5	< 0.2	1.78	2	150	< 0.5	< 2	0.65	< 0.5	10	28	16	2.85	< 10	< 10	0.13	< 10	0.49	920
17250E 9625N	201 202	< 5	< 0.2	2.16	10	160	< 0.5	< 2	0.86	< 0.5	15	38	34	3.41	< 10	10	0.22	< 10	0.71	595
17250E 9650N	201 202	< 5	< 0.2	2.19	< 3	170	< 0.5	< 2	0.87	< 0.5	12	35	28	3.28	< 10	< 10	0.18	< 10	0.64	710
17250E 9675N	201 202	< 5	< 0.2	2.00	3	140	< 0.5	< 2	0.81	< 0.5	11	36	24	3.26	< 10	< 10	0.19	< 10	0.64	535
17250E 9700N	201 202	< 5	< 0.2	2.35	< 2	190	< 0.5	< 2	0.68	< 0.5	11	33	23	3.13	< 10	< 10	0.16	< 10	0.61	465
17250E 9725N	201 202	< 5	< 0.2	2.17	< 2	150	< 0.5	< 2	0.69	< 0.5	11	34	20	3.09	< 10	< 10	0.15	< 10	0.60	460
17250E 9750N	201 202	< 5	< 0.2	2.13	2	170	< 0.5	< 2	0.73	< 0.5	11	37	19	3.08	< 10	< 10	0.13	< 10	0.59	450
17250E 9775N	201 202	< 5	< 0.2	2.16	3	180	< 0.5	< 2	0.72	< 0.5	11	33	32	3.06	< 10	< 10	0.19	< 10	0.58	540
17250E 9800N	201 202	< 5	< 0.2	2.02	6	160	< 0.5	< 2	0.96	< 0.5	12	38	31	3.07	< 10	10	0.14	< 10	0.62	615

CERTIFICATION:



# Chemex Labs Ltd.

Analytical Chemists • Geochemists • Registered Assayers  
212 Brookbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 4-B  
Total Pages : 7  
Certificate Date: 07-AUG-96  
Invoice No. : 19625629  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17150E 9550N	201 202	< 1	0.01	17	850	6	8	7	74	0.15	< 10	< 10	89	< 10	42
17150E 9575N	201 202	< 1	0.01	17	510	6	6	9	55	0.19	< 10	< 10	108	< 10	50
17150E 9600N	201 202	< 1	0.01	19	730	4	3	8	53	0.19	< 10	< 10	106	< 10	84
17150E 9625N	201 202	< 1	0.01	13	480	2	10	8	33	0.11	< 10	< 10	73	< 10	90
17150E 9650N	201 202	< 1	0.01	13	440	4	< 2	7	56	0.16	< 10	< 10	86	< 10	48
17150E 9675N	201 202	< 1	0.01	20	610	6	< 2	8	64	0.14	< 10	< 10	94	< 10	56
17150E 9700N	201 202	< 1	0.01	13	510	4	< 2	7	90	0.15	< 10	< 10	96	< 10	58
17150E 9725N	201 202	< 1	0.01	19	520	6	6	8	77	0.15	< 10	< 10	124	< 10	58
17150E 9750N	201 202	< 1	0.01	14	490	4	6	9	59	0.31	< 10	< 10	114	< 10	54
17150E 9775N	201 202	< 1	0.01	13	640	2	8	7	64	0.17	< 10	< 10	90	< 10	50
17150E 9800N	201 202	< 1	0.01	13	620	6	4	7	66	0.18	< 10	< 10	102	< 10	58
17150E 9825N	201 202	< 1	0.01	22	970	2	4	10	75	0.19	< 10	< 10	126	< 10	54
17150E 9850N	201 202	< 1	0.01	19	1110	6	6	7	86	0.17	< 10	< 10	105	< 10	86
17150E 9875N	201 202	< 1	0.01	15	710	2	< 2	7	69	0.18	< 10	< 10	108	< 10	52
17250E 9175N	201 202	< 1	0.01	16	670	6	8	7	56	0.18	< 10	< 10	92	< 10	82
17250E 9200N	201 202	< 1	0.01	14	860	< 2	8	7	91	0.17	< 10	< 10	97	< 10	80
17250E 9225N	201 202	< 1	0.01	14	500	4	6	6	40	0.18	< 10	< 10	81	< 10	52
17250E 9250N	201 202	< 1	0.01	15	540	6	< 2	7	46	0.16	< 10	< 10	94	< 10	48
17250E 9275N	201 202	< 2	0.01	17	680	2	< 2	9	65	0.20	< 10	< 10	109	< 10	56
17250E 9300N	201 202	< 1	< 0.01	17	540	4	< 2	9	82	0.18	< 10	< 10	10		





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 VANCOUVER, BC  
 V6P 5M9

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## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au ppb FAAA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppb	Hg ppb	K %	La ppm	Mg %	Mn ppm
17350E 9825M	201 202	< 5 < 0.2	1.65	2	150 < 0.5	< 2	1.09 < 0.5	13	36	43	2.95 < 10	40	0.25 < 10	0.80	615				
17350E 9850M	201 202	< 5 < 0.2	1.90	4	180 < 0.5	< 2	1.12 < 0.5	14	37	48	3.40 < 10	10	0.29 < 10	0.83	700				
17350E 9175M	201 202	< 5 < 0.2	1.69	2	140 < 0.5	< 2	0.74 < 0.5	12	31	25	3.00 < 10	< 10	0.22 < 10	0.60	585				
17350E 9200M	201 202	< 5 < 0.2	1.93	4	170 < 0.5	< 2	0.99 < 0.5	13	36	32	3.12 < 10	< 10	0.33 < 10	0.73	785				
17350E 9235M	201 202	< 5 < 0.2	0.04	< 2	20 < 0.5	< 2	1.81 < 0.5	1	1	11	0.14 < 10	< 10	0.01 < 10	0.34	30				
17350E 9250M	201 202	< 5 < 0.2	2.35	8	190 < 0.5	< 2	2.03 < 0.5	17	38	70	3.33 < 10	40	0.34 < 10	1.31	795				
17350E 9275M	201 202	< 5 < 0.2	2.55	8	230 < 0.5	< 2	2.19 < 0.5	15	37	59	3.25 < 10	40	0.28 < 10	1.12	495				
17350E 9300M	201 202	< 5 < 0.2	2.61	4	210 < 0.5	< 2	1.22 < 0.5	15	37	53	3.41 < 10	< 10	0.29 < 10	0.99	765				
17350E 9325M	201 202	< 5 < 0.2	2.30	6	190 < 0.5	< 2	1.07 < 0.5	14	37	42	3.21 < 10	40	0.29 < 10	0.80	650				
17350E 9350M	201 202	< 5 < 0.2	2.70	< 2	200 < 0.5	< 2	1.01 < 0.5	18	43	57	3.81 < 10	10	0.34 < 10	0.99	785				
17350E 9375M	201 202	10 < 0.2	2.81	12	210 < 0.5	< 2	1.39 < 0.5	18	44	68	3.87 < 10	20	0.30 < 10	1.03	875				
17350E 9400M	201 202	5 < 0.2	2.30	2	180 < 0.5	< 2	0.87 < 0.5	14	34	35	3.15 < 10	< 10	0.24 < 10	0.74	710				
17350E 9425M	201 202	5 < 0.2	2.42	2	160 < 0.5	< 2	1.01 < 0.5	15	39	40	3.57 < 10	< 10	0.27 < 10	0.83	760				
17350E 9450M	201 202	< 5 < 0.2	2.38	< 2	170 < 0.5	< 2	1.02 < 0.5	15	38	38	3.50 < 10	10	0.24 < 10	0.76	730				
17350E 9475M	201 202	< 5 < 0.2	2.01	6	150 < 0.5	< 2	0.72 < 0.5	10	33	24	3.07 < 10	10	0.18 < 10	0.58	385				
17350E 9500M	201 202	< 5 < 0.2	2.07	14	130 < 0.5	< 2	0.84 < 0.5	12	34	29	3.31 < 10	40	0.18 < 10	0.63	470				
17350E 9525M	201 202	< 5 < 0.2	2.18	12	140 < 0.5	< 2	0.95 < 0.5	12	31	20	3.05 < 10	< 10	0.14 < 10	0.59	460				
17350E 9550M	201 202	< 5 < 0.2	1.96	2	130 < 0.5	< 2	0.72 < 0.5	10	32	22	3.10 < 10	10	0.16 < 10	0.55	325				
17350E 9575M	201 202	< 5 < 0.2	2.13	< 2	180 < 0.5	< 2	0.61 < 0.5	10	29	18	2.80 < 10	< 10	0.11 < 10	0.50	580				
17350E 9600M	201 202	10 < 0.2	1.90	< 2	150 < 0.5	< 2	0.70 < 0.5	11	30	19	2.85 < 10	< 10	0.16 < 10	0.53	305				
17350E 9625M	201 202	< 5 < 0.2	1.88	2	170 < 0.5	< 2	0.58 < 0.5	9	24	16	2.60 < 10	< 10	0.11 < 10	0.64	465				
17350E 9650M	201 202	< 5 < 0.2	2.41	2	270 < 0.5	< 2	1.19 < 0.5	10	30	38	2.77 < 10	10	0.13 < 10	0.69	195				
17350E 9675M	201 202	< 5 < 0.2	1.80	4	200 < 0.5	< 2	0.99 < 0.5	12	32	33	2.94 < 10	30	0.21 < 10	0.60	790				
17350E 9700M	201 202	< 5 < 0.2	1.93	4	140 < 0.5	< 2	1.03 < 0.5	14	39	35	3.54 < 10	30	0.21 < 10	0.68	690				
17350E 9725M	201 202	< 5 < 0.2	2.65	12	200 < 0.5	< 2	1.25 < 0.5	17	45	65	3.70 < 10	60	0.28 < 10	1.04	805				
17350E 9750M	201 202	< 5 < 0.2	2.35	< 2	190 < 0.5	< 2	1.34 < 0.5	17	47	60	3.88 < 10	40	0.19 < 10	0.97	730				
17350E 9775M	201 202	< 5 < 0.2	2.14	< 2	180 < 0.5	< 2	1.40 < 0.5	15	45	44	3.42 < 10	40	0.21 < 10	0.94	750				
17350E 9800M	201 202	10 < 0.2	2.11	< 2	140 < 0.5	< 2	1.44 < 0.5	15	41	54	3.40 < 10	40	0.21 < 10	0.98	730				
17450E 7750M	201 202	< 5 < 0.2	1.95	4	170 < 0.5	< 2	1.24 < 0.5	12	42	42	3.38 < 10	30	0.18 < 10	0.80	410				
17450E 7775M	201 202	< 5 < 0.2	1.61	6	180 < 0.5	< 2	1.80 < 0.5	13	45	50	2.70 < 10	10	0.16 < 10	0.90	710				
17450E 9175M	201 202	< 5 < 0.2	1.16	< 2	70 < 0.5	< 2	0.86 < 0.5	15	75	28	1.87 < 10	< 10	0.08 < 10	1.04	185				
17450E 9200M	201 202	< 5 < 0.2	0.05	< 2	30 < 0.5	< 2	1.45 < 0.5	< 1	1	15	0.18 < 10	30	0.05 < 10	0.29	80				
17450E 9225M	201 202	< 5 < 0.2	1.51	< 2	70 < 0.5	< 2	2.25 < 0.5	11	28	81	1.74 < 10	40	0.19 < 10	0.92	195				
17450E 9250M	201 202	< 5 < 0.2	2.42	14	200 < 0.5	< 2	1.41 < 0.5	17	41	75	3.51 < 10	60	0.38 < 10	1.25	725				
17450E 9275M	201 202	< 5 < 0.2	2.42	2	200 < 0.5	< 2	1.12 < 0.5	20	46	63	3.75 < 10	30	0.31 < 10	1.11	620				
17450E 9300M	201 202	< 5 < 0.2	2.46	< 3	260 < 0.5	< 2	1.15 < 0.5	11	33	48	2.78 < 10	10	0.25 < 10	1.10	290				
17450E 9325M	201 202	< 5 < 0.2	2.90	6	200 < 0.5	< 2	1.28 < 0.5	15	37	58	3.27 < 10	20	0.40 < 10	1.10	720				
17450E 9350M	201 202	< 5 < 0.2	2.49	10	200 < 0.5	< 2	1.17 < 0.5	19	46	61	3.84 < 10	30	0.26 < 10	1.06	770				
17450E 9375M	201 202	< 5 < 0.2	2.36	< 2	180 < 0.5	< 2	1.08 < 0.5	15	37	34	3.55 < 10	10	0.25 < 10	0.74	880				
17450E 9400M	201 202	10 < 0.2	2.32	10	160 < 0.5	< 2	1.08 < 0.5	16	36	34	3.41 < 10	< 10	0.30 < 10	0.68	895				

CERTIFICATION: Heidi Bachler



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
 British Columbia, Canada V7J 2C1  
 PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Project: PLUG  
 Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 5-B  
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 Certificate Date : 07-AUG-96  
 Invoice No. : 19625629  
 P.O. Number : 20  
 Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
17350E 9825M	201 202	< 1 < 0.01		17	930	3	< 2	7	58	0.12	< 10	< 10	88	< 10	48
17350E 9850M	201 202	< 1 < 0.01		19	880	3	< 2	8	54	0.13	< 10	< 10	98	< 10	50
17350E 9175M	201 202	< 1 < 0.01		13	470	6	< 2	7	35	0.14	< 10	< 10	97	< 10	48
17350E 9200M	201 202	< 1 < 0.01		16	950	4	< 2	7	50	0.15	< 10	< 10	92	< 10	72
17350E 9225M	201 202		0.03	1	1140	< 2	< 2	< 1	84	< 0.01	< 10	< 10	7	< 10	50
17350E 9350M	201 202	< 1 < 0.01		22	810	4	6	9	127	0.14	< 10	< 10	87	< 10	56
17350E 9375M	201 202	< 1 < 0.01		18	690	4	2	9	109	0.15	< 10	< 10	92	< 10	56
17350E 9300M	201 202	< 1 < 0.01		19	730	4	4	9	101	0.17	< 10	< 10	102	< 10	60
17350E 9325M	201 202	< 1 < 0.01		17	670	6	< 2	9	62	0.15	< 10	< 10	93	< 10	64
17350E 9350M	201 202	< 1 < 0.01		20	710	6	2	11	68	0.18	< 10	< 10	115	< 10	60
17350E 9375M	201 202	< 1 < 0.01		22	800	2	< 2	12	82	0.19	< 10	< 10	122	< 10	62
17350E 9400M	201 202	< 1 < 0.01		14	550	8	2	8	61	0.18	< 10	< 10	100	< 10	64
17350E 9425M	201 202	< 1 < 0.01		16	500	4	8	10	67	0.20	< 10	< 10	115	< 10	56
17350E 9450M	201 202	< 1 < 0.01		16	500	8	< 2	9	62	0.19	< 10	< 10	111	< 10	50
17350E 9475M	201 202		0.01	11	330	2	2	7	48	0.19	< 10	< 10	98	< 10	58
17350E 9500M	201 202	< 1 < 0.01		14	370	2	< 2	8	49	0.19	< 10	< 10	110	< 10	48
17350E 9525M	201 202	< 1 < 0.01		11	470	2	6	6	50	0.18	< 10	< 10	98	< 10	56
17350E 9550M	201 202	< 1 < 0.01		13	530	4	2	7	44	0.18	< 10	< 10	101	< 10	40
17350E 9575M	201 202	< 1 < 0.01		12	520	4	2	5	40	0.16	< 10	< 10	84	< 10	60
17350E 9600M	201 202	< 1 < 0.01		10	430	4	6	4	44	0.17	< 10	< 10	88	< 10	46
17350E 9625M	201 202	< 1 < 0.01		11	740	6	6	6	38	0.14	< 10	< 10	78	< 10	56
17350E 9650M	201 202	< 1 < 0.01		12	680	< 2	< 2	7	94	0.15	< 10	< 10	73	< 10	56
17350E 9675M	201 202	< 1 < 0.01		14	700	6	2	7	53	0.17	< 10	< 10	84	< 10	50
17350E 9700M	201 202	< 1 < 0.01		14	500	3	6	8	42	0.20	< 10	< 10			



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Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brookbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 6-A  
Total Pages : 7  
Certificate Date : 07-AUG-96  
Invoice No. : 19625629  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%	ppm
17450E 9425N	201 202	< 5	< 0.2	2.21	< 2	170	< 0.5	< 2	0.78	< 0.5	11	32	22	3.08	< 10	10	0.19	< 10	0.54	785
17450E 9450N	201 202	< 5	< 0.2	2.09	6	150	< 0.5	< 2	0.72	< 0.5	12	33	21	3.17	< 10	10	0.15	< 10	0.55	330
17450E 9475N	201 202	< 5	< 0.2	1.54	< 2	140	< 0.5	< 2	0.66	< 0.5	13	36	22	2.52	< 10	20	0.19	< 10	0.52	465
17450E 9500N	201 202	< 5	< 0.2	1.44	8	120	< 0.5	< 2	0.59	< 0.5	9	26	13	2.61	< 10	10	0.14	< 10	0.49	515
17450E 9525N	201 202	< 5	< 0.2	1.50	4	140	< 0.5	< 2	0.65	< 0.5	9	25	14	2.50	< 10	10	0.13	< 10	0.46	570
17450E 9550N	201 202	< 5	< 0.2	1.80	< 2	140	< 0.5	< 2	0.74	< 0.5	13	31	26	3.00	< 10	20	0.20	< 10	0.61	615
17450E 9575N	201 202	< 5	< 0.2	2.02	2	140	< 0.5	< 2	0.79	< 0.5	12	34	23	3.33	< 10	20	0.17	< 10	0.41	455
17450E 9600N	201 202	< 5	< 0.2	2.51	< 2	170	< 0.5	< 2	0.94	< 0.5	12	38	29	3.62	< 10	10	0.21	< 10	0.65	510
17450E 9625N	201 202	< 5	< 0.2	2.28	12	190	< 0.5	< 2	1.07	< 0.5	14	34	33	3.18	< 10	30	0.20	< 10	0.68	460
17450E 9650N	201 202	30	< 0.2	2.14	2	160	< 0.5	< 2	1.12	< 0.5	16	37	39	3.41	< 10	30	0.22	< 10	0.73	720
17450E 9675N	201 202	< 5	< 0.2	2.39	12	180	< 0.5	< 2	1.71	0.5	11	34	36	3.20	< 10	40	0.23	< 10	0.90	455
17450E 9700N	201 202	< 5	< 0.2	2.30	12	200	< 0.5	< 2	1.15	< 0.5	14	34	32	3.10	< 10	40	0.16	< 10	1.02	600
17450E 9725N	201 202	< 5	< 0.2	2.27	8	180	< 0.5	< 2	1.39	< 0.5	14	38	35	3.28	< 10	50	0.22	< 10	1.06	545
17450E 9750N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 9775N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 9800N	201 202	< 5	< 0.2	1.83	14	200	< 0.5	< 2	1.56	< 0.5	16	62	53	3.42	< 10	50	0.16	< 10	0.98	1145
17450E 9825N	201 202	< 5	< 0.2	1.91	4	190	< 0.5	< 2	1.57	0.5	13	50	49	3.00	< 10	40	0.25	< 10	0.83	730
17450E 9850N	201 202	< 5	< 0.2	2.09	8	200	< 0.5	< 2	1.71	0.5	15	39	49	2.99	< 10	40	0.23	< 10	0.94	835
17450E 9875N	201 202	< 5	< 0.2	1.87	6	160	< 0.5	< 2	2.40	< 0.5	14	34	49	2.98	< 10	20	0.27	< 10	1.19	720
17450E 9900N	201 202	< 5	< 0.2	2.19	10	190	< 0.5	< 2	2.23	< 0.5	15	36	41	3.38	< 10	40	0.27	< 10	1.24	790
17450E 09925N	201 202	< 5	< 0.2	2.36	8	220	< 0.5	< 2	1.20	< 0.5	16	39	49	3.51	< 10	40	0.35	< 10	0.81	845
17450E 09950N	201 202	< 5	< 0.2	2.50	2	170	< 0.5	< 2	0.90	< 0.5	15	41	38	3.50	< 10	20	0.23	< 10	0.75	825
17450E 09975N	201 202	< 5	< 0.2	2.31	8	210	< 0.5	< 2	1.15	0.5	14	38	40	3.34	< 10	30	0.27	< 10	0.74	775
17450E 10000N	201 202	< 5	< 0.2	2.21	4	180	< 0.5	< 2	1.45	< 0.5	13	35	45	3.14	< 10	30	0.26	< 10	0.99	730
17450E 10025N	201 202	< 5	< 0.2	2.46	2	180	< 0.5	< 2	2.36	< 0.5	17	41	68	3.76	< 10	50	0.31	< 10	1.28	855
17450E 10050N	201 202	< 5	< 0.2	1.74	2	150	< 0.5	< 2	2.11	< 0.5	12	31	41	2.93	< 10	50	0.21	< 10	1.06	580
17450E 10075N	201 202	< 5	< 0.2	2.42	6	170	< 0.5	< 2	2.39	< 0.5	13	33	66	3.09	< 10	50	0.25	< 10	1.27	650
17450E 10100N	201 202	< 5	< 0.2	2.42	< 2	190	< 0.5	< 2	2.31	< 0.5	20	41	69	3.66	< 10	50	0.41	< 10	1.40	890
17450E 10125N	201 202	< 5	< 0.2	2.35	10	190	< 0.5	< 2	1.89	< 0.5	18	43	61	3.78	< 10	50	0.36	< 10	1.56	820
17450E 10150N	201 202	< 5	< 0.2	1.91	8	200	< 0.5	< 2	2.93	< 0.5	12	39	50	2.81	< 10	60	0.22	< 10	1.14	655
17450E 10175N	201 202	< 5	< 0.2	1.96	< 2	140	< 0.5	< 2	1.44	< 0.5	14	35	43	3.26	< 10	30	0.29	< 10	1.15	690
17450E 10200N	201 202	< 5	< 0.2	2.11	2	200	< 0.5	< 2	1.25	< 0.5	16	39	45	3.60	< 10	50	0.31	< 10	0.83	770
17450E 10225N	201 202	< 5	< 0.2	2.44	8	240	< 0.5	< 2	1.36	< 0.5	17	41	56	3.88	< 10	50	0.30	< 10	0.88	875
17450E 10250N	201 202	< 5	< 0.2	2.11	8	220	< 0.5	< 2	1.02	< 0.5	15	36	60	3.38	< 10	40	0.34	< 10	0.68	835
17450E 10275N	201 202	< 5	< 0.2	3.44	2	250	< 0.5	< 2	1.37	< 0.5	20	56	88	4.32	< 10	70	0.40	< 10	1.50	815
17450E 10300N	201 202	< 5	< 0.2	2.38	12	200	< 0.5	< 2	1.42	0.5	20	44	63	4.05	< 10	60	0.23	< 10	1.07	830
17450E 10325N	201 202	< 5	< 0.2	2.01	< 2	190	< 0.5	< 2	1.64	< 0.5	14	36	51	3.42	< 10	40	0.22	< 10	1.06	725
17450E 10350N	201 202	< 5	< 0.2	1.87	6	230	< 0.5	< 2	1.93	< 0.5	10	24	47	2.18	< 10	50	0.24	< 10	1.17	515
17450E 10375N	201 202	< 5	< 0.2	1.73	< 2	300	< 0.5	< 2	2.25	< 0.5	9	19	42	1.89	< 10	40	0.28	< 10	0.90	650
17450E 10400N	201 202	< 5	< 0.2	1.87	2	320	< 0.5	< 2	1.59	0.5	6	17	32	1.71	< 10	30	0.19	< 10	0.52	460

CERTIFICATION:



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Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brookbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
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Page Number : 6-B  
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## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Se	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
17450E 9425N	201 202	< 1	0.01	13	490	4	< 2	7	50	0.18	< 10	< 10	93	< 10	58
17450E 9450N	201 202	0.1	0.01	12	500	4	< 2	6	42	0.17	< 10	< 10	96	< 10	44
17450E 9475N	201 202	1	0.01	11	720	2	< 2	5	42	0.12	< 10	< 10	71	< 10	42
17450E 9500N	201 202	0.1	0.01	10	570	2	< 2	4	37	0.14	< 10	< 10	74	< 10	40
17450E 9525N	201 202	< 1	0.01	9	410	6	10	4	34	0.14	< 10	< 10	74	< 10	40
17450E 9550N	201 202	0.1	0.01	13	590	6	4	6	39	0.16	< 10	< 10	87	< 10	56
17450E 9575N	201 202	< 1	0.01	13	460	4	< 2	7	44	0.20	< 10	< 10	102	< 10	52
17450E 9600N	201 202	0.1	0.01	15	730	2	2	8	51	0.20	< 10	< 10	105	< 10	52
17450E 9625N	201 202	< 1	0.01	14	450	4	2	8	71	0.17	< 10	< 10	90	< 10	42
17450E 9650N	201 202	1	0.01	16	660	< 2	0.2	8	74	0.18	< 10	< 10	102	< 10	44
17450E 9675N	201 202	< 1	0.02	14	680	6	< 2	8	130	0.16	< 10	< 10	84	< 10	44
17450E 9700N	201 202	< 1	0.01	18	680	6	6	8	81	0.14	< 10	< 10	91	< 10	42
17450E 9725N	201 202	< 1	0.01	18	850	2	6	8	103	0.14	< 10	< 10	100	< 10	46
17450E 9750N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 9775N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 9800N	201 202	1	0.01	28	1670	2	10	7	72	0.12	< 10	< 10	87	< 10	56
17450E 9825N	201 202	1	0.01	26	1760	2	4	6	74	0.11	< 10	< 10	82	< 10	72
17450E 9850N	201 202	< 1	0.04	20	1190	< 2	6	7	111	0.12	< 10	< 10	85	< 10	58
17450E 9875N	201 202	1	0.10	16	1090	4	8	7	189	0.12	< 10	< 10	85	< 10	50
17450E 9900N	201 202	2	0.06												



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## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Au	Ag	Al	As	Ba	Be	Bi	Ca	Cd	Co	Cr	Cu	Fe	Ga	Hg	K	La	Mg	Mn
		ppb FA+AA	ppm	%	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	%	ppm	ppb	%	ppm	%
17450E 10425N	201 202	< 5	< 0.2	2.91	0	330	0.5	0	1.17	< 0.5	10	35	39	2.62	< 10	30	0.21	10	0.56	685
17450E 10450W	201 202	< 5	< 0.2	1.67	0	180	< 0.5	2	1.88	< 0.9	11	31	68	3.13	< 10	20	0.23	< 10	1.95	660
17450E 10475W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10500W	201 202	< 5	< 0.2	1.32	4	210	< 0.5	2	5.76	0.5	6	17	27	1.98	< 10	30	0.10	< 10	2.49	325
17450E 10525N	201 202	< 5	< 0.2	0.37	2	460	< 0.5	2	10.95	1.0	3	7	31	0.69	< 10	60	0.05	< 10	0.55	1405
17450E 10550W	201 202	< 5	< 0.2	1.52	6	190	< 0.5	2	3.82	0.5	8	23	41	2.27	< 10	30	0.27	< 10	1.51	565
17450E 10575W	201 202	< 5	< 0.2	3.22	10	190	0.5	2	1.31	< 0.5	12	29	49	3.12	< 10	40	0.28	< 10	0.64	830
17450E 10600W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10625N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10650W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10675W	201 202	< 5	< 0.2	2.44	8	220	0.5	2	1.09	< 0.5	13	34	40	3.22	< 10	20	0.32	< 10	0.64	855
17450E 10750W	201 202	< 5	< 0.2	3.13	8	310	0.5	2	1.16	< 0.9	14	36	46	3.32	< 10	10	0.36	< 10	0.73	800
17450E 10775W	201 202	< 5	< 0.2	3.18	10	220	0.5	4	1.04	< 0.5	14	34	51	3.49	< 10	10	0.30	< 10	0.80	795
17450E 10800W	201 202	< 5	< 0.2	3.33	10	200	0.5	2	1.07	< 0.5	14	36	51	3.57	< 10	10	0.43	< 10	0.83	875
17450E 10825W	201 202	< 5	< 0.2	2.18	8	230	< 0.5	2	1.20	< 0.5	13	37	41	3.48	< 10	20	0.39	< 10	0.72	850
17450E 10850W	201 202	< 5	< 0.2	2.26	6	220	0.5	2	0.93	< 0.5	13	36	34	3.41	< 10	10	0.28	< 10	0.44	810
17450E 10875W	201 202	< 5	< 0.2	1.90	8	220	< 0.5	2	0.90	< 0.5	12	33	33	3.15	< 10	10	0.25	< 10	0.61	845
17450E 10900W	201 202	< 5	< 0.2	2.15	6	250	< 0.5	2	0.81	< 0.5	11	34	26	3.20	< 10	10	0.25	< 10	0.61	820
17450E 10925W	201 202	< 5	< 0.2	2.19	6	230	< 0.5	2	0.90	< 0.5	13	35	28	3.34	< 10	10	0.25	< 10	0.60	945
17450E 10950W	201 202	80	< 0.2	2.14	6	170	< 0.5	2	0.78	< 0.5	11	33	28	3.18	< 10	< 10	0.24	< 10	0.55	595
17450E 10975W	201 202	45	< 0.2	1.71	6	160	< 0.5	2	0.75	< 0.5	11	31	21	3.07	< 10	10	0.23	< 10	0.52	775
17450E 11000W	201 202	< 5	< 0.2	1.94	6	220	< 0.5	2	0.78	< 0.5	12	34	24	3.24	< 10	10	0.20	< 10	0.56	875
17450E 11025W	201 202	< 5	< 0.2	2.51	8	280	0.5	2	0.88	< 0.5	14	39	33	3.65	< 10	20	0.33	< 10	0.65	855
17450E 11050W	201 202	< 5	< 0.2	3.35	8	180	< 0.5	2	0.79	< 0.5	12	37	30	3.50	< 10	10	0.20	< 10	0.66	415
17450E 11075W	201 202	< 5	< 0.3	1.95	10	200	< 0.5	4	0.85	< 0.5	11	35	24	3.36	< 10	< 10	0.23	< 10	0.59	680
17450E 11100W	201 202	< 5	< 0.2	1.64	8	160	< 0.5	2	0.90	< 0.5	12	35	25	3.31	< 10	10	0.18	< 10	0.61	735
17450E 11125W	201 202	< 5	< 0.2	1.88	8	190	< 0.5	2	0.82	< 0.5	11	33	24	3.23	< 10	10	0.20	< 10	0.55	750
17450E 11150W	201 202	< 5	< 0.2	1.81	8	170	0.5	2	1.19	< 0.5	14	37	46	3.81	< 10	40	0.20	< 10	0.81	770
17450E 11175W	201 202	< 5	< 0.2	1.81	6	130	< 0.5	2	0.93	< 0.5	11	34	28	3.61	< 10	10	0.13	< 10	0.57	460
17450E 11200W	201 202	< 5	< 0.2	1.63	6	130	< 0.5	4	0.85	< 0.5	9	29	19	3.22	< 10	< 10	0.12	< 10	0.46	440

CERTIFICATION: *Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
212 Brooksbank Ave., North Vancouver  
British Columbia, Canada V7J 2C1  
PHONE: 604-984-0221 FAX: 604-984-0218

To: GEOTEC CONSULTANTS LTD.

6976 LABURNUM ST.  
VANCOUVER, BC  
V6P 5M9

Project: PLUG  
Comments: ATTN: L.W. SALEKEN CC: GRANT CROOKER

Page Number : 7-B  
Total Pages : 7  
Certificate Date: 07-AUG-96  
Invoice No. : 19625629  
P.O. Number : 20  
Account : LOY

## CERTIFICATE OF ANALYSIS A9625629

SAMPLE	PREP CODE	Mo	Na	Ni	P	Pb	Sb	Sc	Sr	Ti	Tl	U	V	W	Zn
		ppm	%	ppm	ppm	ppm	ppm	ppm	ppm	%	ppm	ppm	ppm	ppm	ppm
17450E 10425N	201 202	1	0.01	12	1790	4	< 2	6	82	0.11	< 10	< 10	69	< 10	68
17450E 10450W	201 202	1	< 0.01	15	1480	2	< 2	6	132	0.13	< 10	< 10	96	< 10	50
17450E 10475W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10500W	201 202	1	0.05	8	1090	4	< 2	3	374	0.08	< 10	< 10	64	< 10	30
17450E 10525W	201 202	3	0.04	5	1360	9	< 2	< 1	349	0.01	< 10	< 10	44	< 10	20
17450E 10550W	201 202	2	0.09	11	1330	6	2	4	238	0.07	< 10	< 10	62	< 10	44
17450E 10575W	201 202	2	0.01	14	1450	4	2	7	76	0.12	< 10	< 10	90	< 10	62
17450E 10600W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10625N	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10650W	-- --	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed	NotRed
17450E 10675W	201 202	1	0.01	14	1140	3	2	8	71	0.15	< 10	< 10	92	< 10	62
17450E 10750W	201 202	1	< 0.01	16	840	4	< 2	8	49	0.18	< 10	< 10	96	< 10	60
17450E 10775W	201 202	1	< 0.01	15	730	2	< 2	9	72	0.16	< 10	< 10	108	< 10	56
17450E 10800W	201 202	1	< 0.01	16	830	2	< 2	9	71	0.17	< 10	< 10	100	< 10	56
17450E 10825W	201 202	1	< 0.01	15	910	2	< 2	8	72	0.17	< 10	< 10	99	< 10	56
17450E 10850W	201 202	1	< 0.01	14	570	2	< 2	8	63	0.18	< 10	< 10	99	< 10	52
17450E 10875W	201 202	1	< 0.01	13	420	2	< 2	7	62	0.16	< 10	< 10	94	< 10	58
17450E 10900W	201 202	1	< 0.01	13	470	2	< 2	7	50	0.17	< 10	< 10	93	< 10	74
17450E 10925W	201 202	1	< 0.01	14	470	2	2	7	60	0.18	< 10	< 10	95	< 10	40
17450E 10950W	201 202	1	< 0.01	13	520	2	< 2	7	51	0.17	< 10	< 10	91	< 10	56
17450E 10975W	201 202	1	< 0.01	12	470	2	< 2	6	46	0.17	< 10	< 10	88	< 10	52
17450E 11000W	201 202	1	0.01	13	480	2	< 2	7	30	0.17	< 10	< 10	91	< 10	74
17450E 11025W	201 202	1	< 0.01	14	570	2	< 2	8	47	0.19	< 10	< 10	97	< 10	62
17450E 11050W	201 202	1	< 0.01	15	470	2	< 2	8	47	0.17	< 10	< 10	100	< 10	54
17450E 11075W	201 202	1	< 0.01	14	430	2	< 2	7	49	0.17	< 10	< 10	99	< 10	66
17450E 11100W	201 202	< 1	< 0.01	14	320	2	< 2	7	54	0.17	< 10	< 10	106	< 10	48
17450E 11125W	201 202	< 1	< 0.01	14	420	2	< 2	7	52	0.17	< 10	< 10	100	< 10	72
17450E 11150W	201 202	1	< 0.01	18	630	< 2	< 2	9	47	0.16	< 10	< 10	122	< 10	52
17450E 11175W	201 202	1	< 0.01	13	280	2	< 2	8	35	0.19	< 10	< 10	113	< 10	48
17450E 11200W	201 202	1	< 0.01	11	250	< 2	< 2	6	43	0.18	< 10	< 10	98	< 10	58

CERTIFICATION: *Hart Bickler*



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
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To: GEOTEC CONSULTANTS LTD.  
8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Page Number : 1-A  
Total Pages : 3  
Certificate Date: 29-AUG-96  
Invoice No. : 19628882  
P.O. Number :  
Account : LOY

Project : PLUG  
Comments : ATTN: LW SALEREN CC: GRAN CROOKER

## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Au ppb FA-AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Bg ppm	K %	La ppm	Mg %	Mn ppm
19600E 8500N	201 202	0.5	0.2	1.75	2	130	< 0.5	< 2	0.63	< 0.5	11	49	19	2.94	< 10	< 1	0.10	< 10	0.60	490
19600E 8525N	201 202	< 5	< 0.2	1.72	< 2	170	< 0.5	< 2	0.91	< 0.5	12	40	19	2.49	< 10	< 1	0.17	< 10	0.58	910
19600E 8550N	201 202	< 5	< 0.2	1.54	< 2	170	< 0.5	< 2	0.93	< 0.5	10	39	23	2.34	< 10	< 1	0.19	< 10	0.46	855
19600E 8575N	201 202	< 5	< 0.2	1.78	< 2	150	< 0.5	< 2	0.93	< 0.5	11	26	23	2.30	< 10	< 1	0.18	< 10	0.44	470
19600E 8600N	201 202	25	< 0.2	1.09	< 2	150	< 0.5	< 2	0.53	< 0.5	9	27	12	1.76	< 10	< 1	0.15	< 10	0.37	870
19600E 8625N	201 202	< 5	< 0.2	2.04	< 2	150	< 0.5	< 2	0.85	< 0.5	15	43	34	3.14	< 10	< 1	0.16	< 10	0.76	560
19600E 8650N	201 202	< 5	< 0.2	2.19	< 2	180	< 0.5	< 2	0.93	< 0.5	24	102	44	4.07	< 10	< 1	0.18	< 10	1.52	710
19600E 8675N	201 202	< 5	< 0.2	1.71	< 2	170	< 0.5	< 2	0.65	< 0.5	9	38	11	1.87	< 10	< 1	0.10	< 10	0.39	1060
19600E 8700N	201 202	< 5	< 0.2	1.94	< 2	240	< 0.5	< 2	1.18	< 0.5	13	45	28	2.47	< 10	< 1	0.14	< 10	0.86	1000
19600E 8725N	201 202	< 5	< 0.2	1.19	< 2	200	< 0.5	< 2	2.69	0.5	13	65	31	2.15	< 10	< 1	0.10	< 10	1.21	700
19600E 8750N	201 202	< 5	< 0.2	2.18	< 2	230	< 0.5	< 2	0.80	< 0.5	12	37	24	2.88	< 10	< 1	0.20	< 10	0.58	723
19600E 8775N	201 202	< 5	< 0.2	1.72	< 2	160	< 0.5	< 2	0.68	< 0.5	11	33	20	2.59	< 10	< 1	0.17	< 10	0.52	910
19600E 8800N	201 202	< 5	< 0.2	1.42	< 2	150	< 0.5	< 2	0.37	< 0.5	12	30	16	2.49	< 10	< 1	0.14	< 10	0.82	735
19600E 8825N	201 202	< 5	< 0.2	1.28	< 2	120	< 0.5	< 2	0.54	< 0.5	5	28	18	2.51	< 10	< 1	0.15	< 10	0.55	530
19600E 8850N	201 202	< 5	< 0.2	1.39	< 2	150	< 0.5	< 2	0.52	< 0.5	10	27	16	2.46	< 10	< 1	0.13	< 10	0.51	595
19600E 8875N	201 202	< 5	< 0.2	1.61	< 2	140	< 0.5	< 2	0.70	< 0.5	11	34	23	2.85	< 10	< 1	0.15	< 10	0.66	700
19600E 8900N	201 202	< 5	< 0.2	1.61	< 2	160	< 0.5	< 2	0.80	< 0.5	12	32	25	2.75	< 10	< 1	0.16	< 10	0.64	700
19600E 8925N	201 202	< 5	< 0.2	1.81	< 2	130	< 0.5	< 2	0.79	< 0.5	12	34	23	2.98	< 10	< 1	0.16	< 10	0.69	475
19600E 8950N	201 202	< 5	< 0.2	1.55	< 2	140	< 0.5	< 2	0.65	< 0.5	7	24	14	2.24	< 10	< 1	0.18	< 10	0.45	430
19600E 8975N	201 202	< 5	< 0.2	1.88	< 2	120	< 0.5	< 2	0.77	< 0.5	9	31	20	2.83	< 10	< 1	0.14	< 10	0.59	390
19600E 9000N	201 202	< 5	< 0.2	2.04	< 2	130	< 0.5	< 2	0.85	< 0.5	10	33	27	3.02	< 10	< 1	0.18	< 10	0.73	660
19600E 9025N	201 202	< 5	< 0.2	1.71	< 2	120	< 0.5	< 2	0.75	< 0.5	10	30	20	2.72	< 10	< 1	0.19	< 10	0.64	490
19600E 9050N	201 202	< 5	< 0.2	1.94	< 2	140	< 0.5	< 2	0.73	< 0.5	10	30	22	2.81	< 10	< 1	0.17	< 10	0.65	550
19600E 9075N	201 202	< 5	< 0.2	2.42	< 2	170	< 0.5	< 2	0.93	< 0.5	15	40	48	3.49	< 10	< 1	0.23	< 10	0.83	725
19600E 9100N	201 202	< 5	< 0.2	1.77	< 2	130	< 0.5	< 2	0.65	< 0.5	10	29	21	2.75	< 10	< 1	0.16	< 10	0.60	495
19700E 8500N	201 202	< 5	< 0.2	1.03	< 2	190	< 0.5	< 2	6.39	< 0.5	8	41	60	1.59	< 10	< 1	0.11	< 10	0.62	455
19700E 8525N	201 202	< 5	< 0.2	1.28	< 2	110	< 0.5	< 2	0.75	< 0.5	10	40	10	2.27	< 10	< 1	0.12	< 10	0.52	495
19700E 8550N	201 202	< 5	< 0.2	2.39	< 2	170	< 0.5	< 2	0.71	< 0.5	13	73	22	2.40	< 10	< 1	0.10	< 10	0.82	755
19700E 8575N	201 202	< 5	< 0.2	1.52	< 2	130	< 0.5	< 2	0.56	< 0.5	10	46	12	2.36	< 10	< 1	0.13	< 10	0.54	685
19700E 8600N	201 202	< 5	< 0.2	1.57	< 2	100	< 0.5	< 2	0.57	< 0.5	9	48	11	2.49	< 10	< 1	0.12	< 10	0.48	415
19700E 8625N	201 202	105	< 0.2	3.47	< 2	310	< 0.5	< 2	1.12	< 0.5	14	51	30	3.54	< 10	< 1	0.17	< 10	0.87	2010
19700E 8650N	201 202	< 5	< 0.2	3.10	< 2	200	< 0.5	< 2	0.63	< 0.5	14	34	21	3.03	< 10	< 1	0.09	< 10	0.72	965
19700E 8675N	201 202	< 5	< 0.2	1.62	< 2	170	< 0.5	< 2	0.40	< 0.5	7	24	10	1.86	< 10	< 1	0.07	< 10	0.35	660
19700E 8700N	201 202	< 5	< 0.2	1.52	< 2	140	< 0.5	< 2	0.39	< 0.5	6	24	7	1.81	< 10	< 1	0.09	< 10	0.30	625
19700E 8725N	201 202	< 5	< 0.2	2.02	< 2	130	< 0.5	< 2	0.82	< 0.5	13	43	22	3.20	< 10	< 1	0.11	< 10	0.65	560
19700E 8750N	201 202	< 5	< 0.2	1.84	< 2	120	< 0.5	< 2	3.00	< 0.5	11	31	46	2.17	< 10	< 1	0.06	< 10	0.60	730
19700E 8775N	201 202	< 5	< 0.2	1.92	< 2	210	< 0.5	< 2	1.41	< 0.5	13	58	41	1.09	< 10	< 1	0.11	< 10	0.97	370
19700E 8800N	201 202	< 5	< 0.2	1.92	< 2	270	< 0.5	< 2	1.10	< 0.5	12	38	34	3.00	< 10	< 1	0.24	< 10	0.60	1035
19700E 8825N	201 202	< 5	< 0.2	1.75	< 2	170	< 0.5	< 2	0.99	< 0.5	12	36	28	3.04	< 10	< 1	0.13	< 10	0.59	655
19700E 8850N	201 202	< 5	< 0.2	1.66	< 2	120	< 0.5	< 2	0.88	< 0.5	9	21	15	2.80	< 10	< 1	0.15	< 10	0.54	620

CERTIFICATION: *Hart Beckler*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.  
8978 LABURNUM ST.  
VANCOUVER, BC  
V6P 6M9

Page Number : 1-B  
Total Pages : 3  
Certificate Date: 29-AUG-96  
Invoice No. : 19628882  
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Account : LOY

Project : PLUG  
Comments : ATTN: LW SALEREN CC: GRAN CROOKER

## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Se ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19600E 8500N	201 202	1	< 0.01	21	500	< 2	< 2	5	44	0.12	< 10	< 10	71	< 10	38
19600E 8525N	201 202	1	< 0.01	17	670	< 2	< 2	5	48	0.13	< 10	< 10	71	< 10	78
19600E 8550N	201 202	1	< 0.01	13	460	< 2	< 2	5	44	0.10	< 10	< 10	67	< 10	100
19600E 8575N	201 202	< 1	< 0.01	11	450	< 2	< 2	5	89	0.07	< 10	< 10	58	< 10	130
19600E 8600N	201 202	1	< 0.01	14	450	< 2	< 2	3	45	0.07	< 10	< 10	64	< 10	118
19600E 8625N	201 202	< 1	< 0.01	22	430	< 2	< 2	8	77	0.12	< 10	< 10	93	< 10	70
19600E 8650N	201 202	< 1	< 0.01	85	1150	< 2	< 2	11	55	0.13	< 10	< 10	113	< 10	56
19600E 8675N	201 202	< 1	< 0.01	22	1050	< 2	< 2	3	25	0.08	< 10	< 10	46	< 10	98
19600E 8700N	201 202	< 1	< 0.01	43	1140	< 2	< 2	4	51	0.09	< 10	< 10	61	< 10	90
19600E 8725N	201 202	< 1	< 0.01	44	1300	< 2	< 2	4	108	0.08	< 10	< 10	68	< 10	59
19600E 8750N	201 202	< 1	< 0.01	17	620	< 2	< 2	6	53	0.14	< 10	< 10	78	< 10	52
19600E 8775N	201 202	< 1	< 0.01	15	550	< 2	< 2	5	40	0.13	< 10	< 10	73	< 10	82
19600E 8800N	201 202	< 1	< 0.01	13	380	< 2	< 2	4	31	0.12	< 10	< 10	76	< 10	44
19600E 8825N	201 202	< 1	< 0.01	11	350	< 2	< 2	4	28	0.11	< 10	< 10	74	< 10	38
19600E 8850N	201 202	< 1	< 0.01	11	470	< 2	< 2	4	26	0.11	< 10	< 10	72	< 10	48
19600E 8875N	201 202	< 1	< 0.01	15	450	< 2	< 2	6	37	0.14	< 10	< 10	87	< 10	52
19600E 8900N	201 202	< 1	< 0.01	14	380	< 2	< 2	6	46	0.16	< 10	< 10	87	< 10	58
19600E 8925N	201 202	< 1	< 0.01	14	460	< 2	< 2	6	46	0.17	< 10	< 10	93	< 10	50
19600E 8950N	201 202	< 1	< 0.01	11	310	< 2	< 2	5</							



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To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 2-A  
 Total Pages : 3  
 Certificate Date: 29-AUG-96  
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## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Bg ppm	K %	La ppm	Mg %	Mn ppm
19700E 8875N	201 202	< 5 < 0.2	1.65	< 2	150 < 0.5	< 2	0.68 < 0.5	8	27	16	2.52 < 10	< 1	0.15 < 10	0.52	500					
19700E 8900N	201 202	< 5 < 0.2	1.68	< 2	150 < 0.5	< 2	0.69 < 0.5	9	29	16	2.59 < 10	< 1	0.15 < 10	0.52	860					
19700E 8925N	201 202	< 5 < 0.2	1.71	< 2	130 < 0.5	< 2	0.80 < 0.5	9	32	19	2.90 < 10	< 1	0.14 < 10	0.44	485					
19700E 8950N	201 202	< 5 < 0.2	1.85	< 2	130 < 0.5	< 2	0.72 < 0.5	11	30	19	2.77 < 10	< 1	0.10 < 10	0.57	715					
19700E 8975N	201 202	< 5 < 0.2	2.02	< 2	110 < 0.5	< 2	0.75 < 0.5	10	32	22	2.96 < 10	< 1	0.18 < 10	0.67	385					
19700E 9000N	201 202	< 5 < 0.2	1.98	< 2	140 < 0.5	< 2	0.76 < 0.5	10	30	24	3.07 < 10	< 1	0.19 < 10	0.62	565					
19700E 9025N	201 202	< 5 < 0.2	2.05	< 2	130 < 0.5	< 2	0.77 < 0.5	11	30	23	2.92 < 10	< 1	0.19 < 10	0.63	535					
19700E 9050N	201 202	< 5 < 0.2	1.92	< 2	120 < 0.5	< 2	0.88 < 0.5	9	30	20	2.95 < 10	< 1	0.17 < 10	0.62	420					
19700E 9075N	201 202	< 5 < 0.2	1.83	< 2	160 < 0.5	< 2	0.75 < 0.5	8	27	17	2.58 < 10	< 1	0.17 < 10	0.50	675					
19700E 9100N	201 202	< 5 < 0.2	2.24	< 2	150 < 0.5	< 2	0.80 < 0.5	10	32	27	2.93 < 10	< 1	0.22 < 10	0.64	445					
19800E 8500N	201 202	< 5 < 0.2	2.25	< 2	170 < 0.5	< 2	0.54 < 0.5	13	90	18	3.11 < 10	< 1	0.15 < 10	0.91	665					
19800E 8525N	201 202	< 5 < 0.2	2.00	< 2	140 < 0.5	< 2	0.51 < 0.5	13	80	11	2.66 < 10	< 1	0.14 < 10	0.82	495					
19800E 8550N	201 202	< 5 < 0.2	1.84	< 2	150 < 0.5	< 2	0.41 < 0.5	16	106	19	3.15 < 10	< 1	0.15 < 10	1.10	850					
19800E 8575N	201 202	< 5 < 0.2	1.91	< 2	110 < 0.5	< 2	0.61 < 0.5	12	63	14	2.92 < 10	< 1	0.11 < 10	0.73	460					
19800E 8600N	201 202	< 5 < 0.2	1.98	< 2	110 < 0.5	< 2	0.52 < 0.5	11	96	12	2.49 < 10	< 1	0.09 < 10	0.93	515					
19800E 8625N	201 202	< 5 < 0.2	1.53	< 2	180 < 0.5	< 2	0.44 < 0.5	13	94	11	2.58 < 10	< 1	0.10 < 10	0.75	1690					
19800E 8650N	201 202	< 5 < 0.2	1.44	< 2	120 < 0.5	< 2	0.51 < 0.5	10	51	11	2.52 < 10	< 1	0.05 < 10	0.53	820					
19800E 8675N	201 202	< 5 < 0.2	2.00	< 2	140 < 0.5	< 2	0.44 < 0.5	10	59	16	2.92 < 10	< 1	0.11 < 10	0.48	470					
19800E 8700N	201 202	< 5 < 0.2	1.78	< 2	130 < 0.5	< 2	2.33 < 0.5	16	60	59	3.64 < 10	< 1	0.12 < 10	1.43	445					
19800E 8725N	201 202	< 5 < 0.2	1.41	< 2	130 < 0.5	< 2	1.93 < 0.5	16	68	58	3.80 < 10	< 1	0.10 < 10	1.23	645					
19800E 8750N	201 202	< 5 < 0.2	1.21	< 2	140 < 0.5	< 2	1.62 < 0.5	9	47	46	1.96 < 10	< 1	0.09 < 10	0.84	200					
19800E 8775N	201 202	< 5 < 0.2	2.06	< 2	190 < 0.5	< 2	1.53 < 0.5	13	62	76	3.45 < 10	< 1	0.07 < 10	1.00	255					
19800E 8800N	201 202	< 5 < 0.2	1.95	< 2	180 < 0.5	< 2	1.52 < 0.5	12	61	64	2.01 < 10	< 1	0.09 < 10	0.94	410					
19800E 8825N	201 202	< 5 < 0.2	2.39	< 2	200 < 0.5	< 2	1.36 < 0.5	14	42	51	3.60 < 10	< 1	0.27 < 10	0.98	705					
19800E 8850N	201 202	< 5 < 0.2	2.23	< 2	200 < 0.5	< 2	1.18 < 0.5	12	37	39	3.19 < 10	< 1	0.23 < 10	0.79	835					
19800E 8875N	201 202	< 5 < 0.2	1.41	< 2	160 < 0.5	< 2	0.99 < 0.5	11	32	23	2.91 < 10	< 1	0.23 < 10	0.57	760					
19800E 8900N	201 202	< 5 < 0.2	1.86	< 2	120 < 0.5	< 2	0.82 < 0.5	10	32	22	2.95 < 10	< 1	0.15 < 10	0.58	585					
19800E 8925N	201 202	< 5 < 0.2	2.07	< 2	160 < 0.5	< 2	0.81 < 0.5	11	33	21	3.11 < 10	< 1	0.25 < 10	0.58	720					
19800E 8950N	201 202	< 5 < 0.2	1.60	< 2	120 < 0.5	< 2	0.72 < 0.5	9	31	19	2.82 < 10	< 1	0.15 < 10	0.52	510					
19800E 8975N	201 202	< 5 < 0.2	1.72	< 2	130 < 0.5	< 2	0.44 < 0.5	9	28	17	2.72 < 10	< 1	0.11 < 10	0.52	280					
19800E 9000N	201 202	< 5 < 0.2	1.58	< 2	150 < 0.5	< 2	0.66 < 0.5	8	26	15	2.57 < 10	< 1	0.12 < 10	0.47	535					
19800E 9025N	201 202	< 5 < 0.2	1.68	< 2	250 < 0.5	< 2	0.76 < 0.5	9	27	16	2.71 < 10	< 1	0.14 < 10	0.50	1170					
19800E 9050N	201 202	< 5 < 0.2	1.74	< 2	130 < 0.5	< 2	0.69 < 0.5	9	30	17	2.89 < 10	< 1	0.13 < 10	0.54	460					
19800E 9075N	201 202	< 5 < 0.2	1.55	< 2	120 < 0.5	< 2	0.74 < 0.5	9	31	19	2.93 < 10	< 1	0.10 < 10	0.57	390					
19800E 9100N	201 202	< 5 < 0.2	1.74	< 2	130 < 0.5	< 2	0.72 < 0.5	9	30	19	2.91 < 10	< 1	0.13 < 10	0.54	345					
19900E 8500N	201 202	< 5 < 0.2	2.45	< 2	450 < 0.5	< 2	0.74 < 0.5	17	118	83	3.62 < 10	< 1	0.21 < 10	1.15	1545					
19900E 8525N	201 202	< 5 < 0.2	1.74	< 2	130 < 0.5	< 2	0.54 < 0.5	11	81	16	2.96 < 10	< 1	0.14 < 10	0.81	495					
19900E 8550N	201 202	< 5 < 0.2	1.83	< 2	200 < 0.5	< 2	0.36 < 0.5	9	51	9	2.28 < 10	< 1	0.09 < 10	0.46	840					
19900E 8575N	201 202	< 5 < 0.2	1.52	< 2	110 < 0.5	< 2	0.59 < 0.5	12	57	20	2.99 < 10	< 1	0.08 < 10	0.79	745					
19900E 8600N	201 202	< 5 < 0.2	1.88	< 2	140 < 0.5	< 2	2.25 < 0.5	12	69	98	2.83 < 10	< 1	0.11 < 10	0.96	640					

CERTIFICATION: Hawthorne



# Chemex Labs Ltd.

Analytical Chemists \* Geochemists \* Registered Assayers  
 212 Brooksbank Ave., North Vancouver  
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To: GEOTEC CONSULTANTS LTD.

8976 LABURNUM ST.  
 VANCOUVER, BC  
 V6P 5M9

Page Number : 2-B  
 Total Pages : 3  
 Certificate Date: 29-AUG-96  
 Invoice No. : 19628882  
 P.O. Number :  
 Account : LOY

Project : PLUG  
 Comments: ATTN: LW SALEREN CC: GRAN CROOKER

## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19700E 8875N	201 202	< 1 < 0.01	10	340	< 2	2	5	44	0.15 < 10	< 10	79	< 10	56		
19700E 8900N	201 202	< 1 < 0.01	12	340	< 2	2	5	42	0.15 < 10	< 10	79	< 10	70		
19700E 8925N	201 202	< 1 < 0.01	11	310	< 2	6	4	47	0.18 < 10	< 10	92	< 10	66		
19700E 8950N	201 202	< 1 < 0.01	12	360	< 2	2	6	43	0.16 < 10	< 10	85	< 10	64		
19700E 8975N	201 202	< 1 < 0.01	13	490	< 2	2	6	47	0.17 < 10	< 10	87	< 10	58		
19700E 9000N	201 202	< 1 < 0.01	14	450	< 2	4	4	46	0.16 < 10	< 10	82	< 10	68		
19700E 9025N	201 202	< 1 < 0.01	12	580	< 2	2	4	51	0.16 < 10	< 10	90	< 10	52		
19700E 9050N	201 202	< 1 < 0.01	11	470	< 2	2	6	62	0.18 < 10	< 10	97	< 10	52		
19700E 9075N	201 202	< 1 < 0.01	11	440	< 2	2	5	54	0.15 < 10	< 10	79	< 10	74		
19700E 9100N	201 202	< 1 < 0.01	12	650	< 2	2	7	59	0.14 < 10	< 10	89	< 10	56		
19800E 8500N	201 202	< 1 < 0.01	53	450	< 2	8	6	31	0.11 < 10	< 10	75	< 10	64		
19800E 8525N	201 202	< 1 < 0.01	45	290	< 2	6	4	31	0.10 < 10	< 10	63	< 10	50		
19800E 8550N	201 202	< 1 < 0.01	55	560	< 2	2	4	40	0.13 < 10	< 10	82	< 10	66		
19800E 8575N	201 202	< 1 < 0.01	31	480	< 2	2	4	44	0.14 < 10	< 10	85	< 10	64		
19800E 8600N	201 202	< 1 < 0.01	44	460	< 2	6	4	37	0.13 < 10	< 10	47	< 10	42		
19800E 8625N	201 202	< 1 < 0.01	45	640	< 2	2	4	27	0.08 < 10	< 10	43	< 10	72		
19800E 8650N	201 202	< 1 < 0.01	30	830	< 2	2	3	33	0.10 < 10	< 10	75	< 10	44		
19800E 8675N	201 202	< 1 < 0.01	25	230	< 2	2	5	43	0.14 < 10	< 10	80	< 10	36		
19800E 8700N	201 202	< 1 < 0.01	41	1440	< 2	2	7	86	0.12 < 10	< 10	114	< 10	44		
19800E 8725N	201 202	< 1 < 0.01	47	1470	< 2	2	8	77	0.10 < 10	< 10	110	< 10	46		
19800E 8750N	201 202	< 1 < 0.01	34	920	< 2	2	4	103	0.07 < 10	< 10	94	< 10	28		
19800E 8775N	201 202	< 1 < 0.01	30	1270	< 2	2	8	77	0.12 < 10	< 10	90	< 10	40		
19800E 8800N	201 202	< 1 < 0.01	24	1500	< 2	2	8	80	0.12 < 10	< 10	85	< 10	40		
19800E 8825N	201 202	< 1 < 0.01	19	720	< 2	2	8	117	0.16 < 10	< 10	100	< 10	50		
19800E 8850N	201 202	< 1 < 0.01	16	430	< 2										



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.  
 6976 LABURNUM ST.  
 VANCOUVER, BC  
 V8P 5M9

Page Number : 3-A  
 Total Pages : 3  
 Certificate Date: 29-AUG-96  
 Invoice No. : 19628882  
 P.O. Number :  
 Account : LOY

Project: PLUG  
 Comments: ATTN: LW SALEREN CC: GRAN CROOKER

## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Au ppb FA+AA	Ag ppm	Al %	As ppm	Ba ppm	Be ppm	Bi ppm	Ca %	Cd ppm	Co ppm	Cr ppm	Cu ppm	Fe %	Ga ppm	Hg ppm	K %	La ppm	Mg %	Mn ppm
19900E 8625W	201 202	< 5	< 0.2	1.35	< 2	90	< 0.5	< 2	0.49	< 0.5	10	48	13	2.68	< 10	< 1	0.11	< 10	0.63	355
19900E 8650W	201 202	< 5	< 0.2	1.57	< 2	100	< 0.5	< 2	0.47	< 0.5	10	66	13	2.83	< 10	< 1	0.08	< 10	0.71	310
19900E 8675W	201 202	< 5	< 0.2	1.57	< 2	120	< 0.5	< 2	0.41	< 0.5	10	37	16	2.51	< 10	< 1	0.14	< 10	0.56	395
19900E 8700W	201 202	< 5	< 0.2	1.60	< 2	110	< 0.5	< 2	0.44	< 0.5	9	39	18	2.60	< 10	< 1	0.14	< 10	0.60	420
19900E 8725W	201 202	< 5	< 0.2	1.35	< 2	140	< 0.5	< 2	1.99	< 0.5	10	71	27	2.73	< 10	< 1	0.09	< 10	1.02	330
19900E 8750W	201 202	< 5	< 0.2	2.22	< 2	140	< 0.5	< 2	1.54	< 0.5	16	89	111	3.39	< 10	< 1	0.11	< 10	1.19	560
19900E 8775W	201 202	< 5	< 0.2	2.22	< 2	140	< 0.5	< 2	1.26	< 0.5	15	89	90	3.33	< 10	< 1	0.19	< 10	1.26	400
19900E 8800W	201 202	< 5	< 0.2	2.39	< 2	190	< 0.5	< 2	1.13	< 0.5	14	77	62	3.14	< 10	< 1	0.12	< 10	0.99	825
19900E 8825W	201 202	< 5	< 0.2	1.42	< 2	200	< 0.5	< 2	1.43	< 0.5	12	51	49	3.57	< 10	< 1	0.06	< 10	0.83	490
19900E 8850W	201 202	< 5	< 0.2	1.90	< 2	190	< 0.5	< 2	0.88	< 0.5	12	36	36	2.73	< 10	< 1	0.24	< 10	0.66	760
19900E 8875W	201 202	< 5	< 0.2	2.03	< 2	180	< 0.5	< 2	1.06	< 0.5	12	38	39	2.81	< 10	< 1	0.25	< 10	0.78	715
19900E 8900W	201 202	< 5	< 0.2	1.84	< 2	150	< 0.5	< 2	0.81	< 0.5	11	32	25	2.91	< 10	< 1	0.24	< 10	0.59	760
19900E 8925W	201 202	< 5	< 0.2	1.82	< 2	140	< 0.5	< 2	0.72	< 0.5	10	30	23	3.82	< 10	< 1	0.18	< 10	0.52	585
19900E 8950W	201 202	< 5	< 0.2	1.91	< 2	150	< 0.5	< 2	0.58	< 0.5	8	28	14	2.70	< 10	< 1	0.14	< 10	0.44	650
19900E 8975W	201 202	< 5	< 0.2	1.77	< 2	170	< 0.5	< 2	0.40	< 0.5	9	39	14	2.80	< 10	< 1	0.18	< 10	0.46	735
19900E 9000W	201 202	< 5	< 0.2	1.76	< 2	170	< 0.5	< 2	0.65	< 0.5	10	31	19	2.95	< 10	< 1	0.19	< 10	0.52	585
19900E 9025W	201 202	< 5	< 0.2	1.74	< 2	210	< 0.5	< 2	0.79	< 0.5	11	32	24	3.00	< 10	< 1	0.15	< 10	0.61	665
19900E 9050W	201 202	< 5	< 0.2	1.95	< 2	170	< 0.5	< 2	0.76	< 0.5	12	36	33	3.18	< 10	< 1	0.23	< 10	0.67	635
19900E 9075W	201 202	< 5	< 0.2	1.70	< 2	130	< 0.5	< 2	0.70	< 0.5	10	33	19	2.97	< 10	< 1	0.11	< 10	0.40	350
19900E 9100W	201 202	< 5	< 0.2	1.53	< 2	120	< 0.5	< 2	0.59	< 0.5	8	24	11	2.37	< 10	< 1	0.13	< 10	0.42	560

CERTIFICATION: *[Signature]*



# Chemex Labs Ltd.

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To: GEOTEC CONSULTANTS LTD.  
 6976 LABURNUM ST.  
 VANCOUVER, BC  
 V8P 5M9

Page Number : 3-B  
 Total Pages : 3  
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Project: PLUG  
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## CERTIFICATE OF ANALYSIS A9628882

SAMPLE	PREP CODE	Mo ppm	Na %	Ni ppm	P ppm	Pb ppm	Sb ppm	Sc ppm	Sr ppm	Ti %	Tl ppm	U ppm	V ppm	W ppm	Zn ppm
19900E 8625W	201 202	< 1	< 0.01	20	270	< 2	< 2	4	27	0.13	< 10	< 10	76	< 10	30
19900E 8650W	201 202	< 1	< 0.01	29	410	< 2	< 2	4	25	0.11	< 10	< 10	75	< 10	34
19900E 8675W	201 202	< 1	< 0.01	15	520	< 2	< 2	4	37	0.13	< 10	< 10	73	< 10	38
19900E 8700W	201 202	< 1	< 0.01	17	490	< 2	< 2	4	38	0.14	< 10	< 10	74	< 10	40
19900E 8725W	201 202	< 1	< 0.01	43	810	< 2	< 2	5	80	0.10	< 10	< 10	83	< 10	34
19900E 8750W	201 202	< 1	< 0.01	56	930	< 2	< 2	7	56	0.13	< 10	< 10	89	< 10	40
19900E 8775W	201 202	< 1	< 0.01	60	1010	< 2	< 2	7	48	0.12	< 10	< 10	82	< 10	32
19900E 8800W	201 202	< 1	< 0.01	44	590	< 2	< 2	6	50	0.14	< 10	< 10	78	< 10	62
19900E 8825W	201 202	< 1	< 0.01	20	1370	< 2	< 2	6	71	0.10	< 10	< 10	74	< 10	36
19900E 8850W	201 202	< 1	< 0.01	17	840	< 2	< 2	6	68	0.12	< 10	< 10	72	< 10	50
19900E 8875W	201 202	< 1	< 0.01	15	690	< 2	< 2	6	88	0.12	< 10	< 10	79	< 10	46
19900E 8900W	201 202	< 1	< 0.01	13	590	< 2	< 2	6	59	0.14	< 10	< 10	83	< 10	46
19900E 8925W	201 202	< 1	< 0.01	12	510	< 2	< 2	5	50	0.14	< 10	< 10	81	< 10	44
19900E 8950W	201 202	< 1	< 0.01	11	430	< 2	< 2	5	38	0.14	< 10	< 10	78	< 10	64
19900E 8975W	201 202	< 1	< 0.01	11	460	< 2	< 2	5	38	0.14	< 10	< 10	80	< 10	64
19900E 9000W	201 202	< 1	< 0.01	12	480	< 2	< 2	6	39	0.14	< 10	< 10	89	< 10	42
19900E 9025W	201 202	< 1	< 0.01	13	570	< 2	< 2	6	44	0.14	< 10	< 10	87	< 10	46
19900E 9050W	201 202	< 1	< 0.01	15	670	< 2	< 2	6	44	0.14	< 10	< 10	93	< 10	44
19900E 9075W	201 202	< 1	< 0.01	11	370	< 2	< 2	5	45	0.14	< 10	< 10	93	< 10	38
19900E 9100W	201 202	< 1	< 0.01	9	290	< 2	< 2	4	60	0.13	< 10	< 10	71	< 10	46

CERTIFICATION: *[Signature]*

**APPENDIX 11**  
**MAGNETIC AND VLF-EM DATA**

Goldcliff Resource Corporation

Line and Station    +=Northing/Easting  
                              -=Southing/Westing

Area: S Claims  
Grid: S Claims  
Date: August, 1996  
Instrument Type:  
Scintrex MP-2  
Geonics EM-16  
Station:  
Data Types: #1  
                  #2  
                  #3

File Name: gcge0196.xyz

Details;  
Corrected total field magnetic values  
In-Phase and Quadrature values  
Cutler, Facing Northerly  
Corrected Total Field Magnetic Values (nanoteslas)  
VLF-EM In-Phase Values (percent)  
VLF-EM Quadrature Values (percent)

E/W	N/S	#1	#2	#3
line 16850				
16850	10175	56835		
16850	10150	56807		
16850	10125	56790		
16850	10100	56848		
16850	10075	56789		
16850	10050	56764		
16850	10025	56760		
16850	10000	56784		
16850	9975	56804		
16850	9950	56703		
16850	9925	56714		
16850	9900	56750		
16850	9875	56705		
16850	9850	56661		
16850	9825	56742		
16850	9800	56717		
16850	9775	56739		
16850	9750	57193		
16850	9725	57034		
16850	9700	56608		
16850	9675	56665		
16850	9650	56608		
16850	9625	56916		
16850	9600	56847		
16850	9575	56692		
16850	9550	56617		
16850	9525	56591		
16850	9500	56635		
16850	9475	56763		
16850	9450	56561		
16850	9425	56793		
16850	9400	56704		
16850	9375	56655		
16850	9350	56599		
16850	9325	56625		
16850	9300	56582		
16850	9275	56580		
16850	9250	56602		
16850	9225	56643		
16850	9200	56735		
16850	9175	56660		
line 16950				
16950	10050	56883		

16850	10025	56667
16950	10000	56633
16950	9975	56682
16950	9950	56661
16950	9925	56717
16950	9900	56787
16950	9875	56810
16950	9850	56773
16950	9825	56755
16950	9800	56686
16950	9775	56603
16950	9750	56850
16950	9725	56905
16950	9700	56836
16950	9675	56870
16950	9650	56809
16950	9625	56784
16950	9600	56707
16950	9575	56760
16950	9550	56720
16950	9525	56755
16950	9500	56673
16950	9475	56790
16950	9450	56688
16950	9425	56759
16950	9400	56818
16950	9375	56674
16950	9350	56721
16950	9325	56659
16950	9300	56738
16950	9275	56778
16950	9250	56624
16950	9225	56598
16950	9200	56583
16950	9175	56590
line 17050		
17050	9850	56660
17050	9825	56635
17050	9800	56716
17050	9775	56764
17050	9750	56780
17050	9725	56746
17050	9700	56770
17050	9675	56842
17050	9650	56815
17050	9625	56650
17050	9600	56792
17050	9575	56792
17050	9550	56728
17050	9525	56687
17050	9500	56721
17050	9475	56724
17050	9450	56770
17050	9425	56750
17050	9400	56692
17050	9375	56629
17050	9350	56637
17050	9325	56683
17050	9300	56676
17050	9275	56698
17050	9250	56708
17050	9225	56631
17050	9200	56645
17050	9175	56640
line 17150		



17150	9875	56714
17150	9850	56767
17150	9825	56786
17150	9800	56834
17150	9775	56967
17150	9750	56956
17150	9725	56952
17150	9700	56952
17150	9675	56952
17150	9650	56878
17150	9625	56886
17150	9600	56928
17150	9575	56872
17150	9550	56852
17150	9525	56781
17150	9500	56786
17150	9475	56755
17150	9450	56706
17150	9425	56693
17150	9400	56721
17150	9375	56750
17150	9350	56750
17150	9325	56738
17150	9300	56745
17150	9275	56656
17150	9250	56702
17150	9225	56733
17150	9200	56668
17150	9175	56708
line 17250		
17250	9850	56792
17250	9825	56749
17250	9800	56747
17250	9775	56731
17250	9750	56770
17250	9725	56832
17250	9700	56867
17250	9675	56937
17250	9650	56946
17250	9625	57036
17250	9600	57010
17250	9575	57037
17250	9550	57025
17250	9525	56999
17250	9500	56918
17250	9475	56900
17250	9450	56844
17250	9425	56802
17250	9400	56817
17250	9375	56843
17250	9350	56816
17250	9325	56820
17250	9300	56841
17250	9275	56830
17250	9250	56856
17250	9225	56693
17250	9200	56817
17250	9175	56741
line 17350		
17350	9800	56808
17350	9775	56800
17350	9750	56815
17350	9725	56747
17350	9700	56774
17350	9675	56806

17350	9650	56827		
17350	9625	56793		
17350	9600	56804		
17350	9575	56840		
17350	9550	56872		
17350	9525	56838		
17350	9500	56855		
17350	9475	56980		
17350	9450	56885		
17350	9425	56871		
17350	9400	56911		
17350	9375	56818		
17350	9350	56867		
17350	9325	56873		
17350	9300	56878		
17350	9275	56859		
17350	9250	56880		
17350	9225	56662		
17350	9200	56589		
17350	9175	56768		
line 17450				
17450	11200	56810	3	-5
17450	11175	56924	8	-4
17450	11150	57004	15	0
17450	11125	56875	12	-3
17450	11100	56837	12	2
17450	11075	56841	14	-1
17450	11050	56871	13	-5
17450	11025	56902	9	2
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17450	10950	56767	10	-3
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17450	10800	56871	12	1
17450	10775	56880	8	-5
17450	10750	56849	4	-3
17450	10725			
17450	10700			
17450	10675	56846	28	-1
17450	10650	56841	28	5
17450	10625	56863	21	10
17450	10600	56870	18	8
17450	10575	56858	7	3
17450	10550	56916	-2	1
17450	10525	56941	-12	-2
17450	10500	56937	-10	3
17450	10475	57037	-4	4
17450	10450	56838	3	-2
17450	10425	56813	12	0
17450	10400	56748	12	5
17450	10375	56794	14	0
17450	10350	56713	12	2
17450	10325	57084	8	-3
17450	10300	57233	12	1
17450	10275	57537	9	9
17450	10250	57069	-10	-1
17450	10225	57032	-9	6
17450	10200	56947	-11	9
17450	10175	57028	-4	9
17450	10150	56790	0	12
17450	10125	56669	5	6

17450	10100	56609	4	10
17450	10075	56699	1	8
17450	10050	56743	-7	4
17450	10025	56678	-10	6
17450	10000	56750	-11	2
17450	9975	56818	-11	5
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17450	9875	56732	-4	-1
17450	9850	56688	-8	-2
17450	9825	56788	-3	-2
17450	9800			
17450	9775	56985	4	-6
17450	9750	57086	0	-10
17450	9725	57026	-7	-5
17450	9700	56981	-11	-9
17450	9675	56927	-8	-3
17450	9650	56979	-9	5
17450	9625	56846	-8	2
17450	9600	56831	-8	5
17450	9575	56833	-10	5
17450	9550	56846	-9	8
17450	9525	56801	-8	4
17450	9500	56891	-10	7
17450	9475	56783	-7	1
17450	9450	56837	-6	-2
17450	9425	56800	-4	4
17450	9400	56763	-4	5
17450	9375	56782	-6	8
17450	9350	56762	-8	10
17450	9325	56606	-6	5
17450	9300	57128	-1	2
17450	9275	56784	7	5
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17450	9225	56642	-5	4
17450	9200	56520	-6	1
17450	9175	56624	-8	3
line 17550				
17550	11200	56836	10	2
17550	11175	56841	12	-5
17550	11150	56787	12	1
17550	11125	56780	8	-4
17550	11100	56817	8	-2
17550	11075	56729	10	6
17550	11050	56868	13	8
17550	11025	56875	11	5
17550	11000	56958	12	5
17550	10975	56883	12	0
17550	10950	56956	11	3
17550	10925	56906	12	4
17550	10900	56834	15	0
17550	10875	56871	18	5
17550	10850	56832	15	5
17550	10825	56910	15	8
17550	10800	56841	12	4
17550	10775	56820	7	6
17550	10750	56861	2	1
17550	10725			
17550	10700		37	0
17550	10675	56976	33	2
17550	10650	56806	28	6
17550	10625	56950	21	-2
17550	10600	56808	-6	5

17550	10575	56708	-8	0
17550	10550	56608	-15	3
17550	10525	56879	11	-4
17550	10500	56827	18	0
17550	10475	56859	12	5
17550	10450	56744	12	1
17550	10425	56819	8	-1
17550	10400	56754	0	0
17550	10375	56837	-10	-4
17550	10350	56802	-8	-7
17550	10325	56733	0	1
17550	10300	56782	8	4
17550	10275	57173	2	3
17550	10250	57358	-16	7
17550	10225	57370	-14	8
17550	10200	57422	-20	5
17550	10175	57232	-28	12
17550	10150	57148	-31	10
17550	10125	56982	-40	3
17550	10100	56768	-26	6
17550	10075	56765	-13	13
17550	10050	56784	-8	9
17550	10025	56723	-5	7
17550	10000	56713	1	5
17550	9975	56726	-4	7
17550	9950	56612	-4	4
17550	9925	56531	-3	1
17550	9900	56834	-3	2
17550	9875	56819	-1	0
17550	9850	56856	0	0
17550	9825	56930	4	-2
17550	9800	56912	0	2
17550	9775	56904	3	-4
17550	9750	56875	3	-2
17550	9725	56803		
17550	9700	56951	7	-9
17550	9675	57091	-2	-15
17550	9650	57091	-12	6
17550	9625	57268	-10	4
17550	9600	57090	-11	6
17550	9575	56916	-14	-3
17550	9550	56937	-14	1
17550	9525	56925	-12	5
17550	9500	56990	-6	2
17550	9475	56919	-8	7
17550	9450	56980	-8	2
17550	9425	56906	-6	5
17550	9400	56816	-8	0
17550	9375	56758	-8	-2
17550	9350	56738	-5	3
17550	9325	56757	-8	6
17550	9300	56720	-5	8
17550	9275	56733	-8	6
17550	9250	56738	-6	5
17550	9225	56790	-5	6
17550	9200	56727	-4	4
17550	9175	56701	-5	-1
line 17650				
17650	11250	57011	9	2
17650	11225	56960	7	0
17650	11200	56936	10	-3
17650	11175	56955	8	3
17650	11150	57005	10	0
17650	11125	57038	11	-3
17650	11100	56947	9	0

17650	11075	56955	14	5
17650	11050	56926	10	2
17650	11025	56937	9	4
17650	11000	56900	10	3
17650	10975	56963	13	8
17650	10950	56978	11	6
17650	10925	56990	16	0
17650	10900	56927	14	4
17650	10875	56888	8	6
17650	10850	56901	4	1
17650	10825	56843	2	4
17650	10800	56844	-6	5
17650	10775	56852	-17	0
17650	10750	56910		
17650	10725	56808	30	0
17650	10700	56855	22	1
17650	10675	56842	12	3
17650	10650	57019	4	6
17650	10625	56897	8	4
17650	10600	56984	2	1
17650	10575	57027	4	0
17650	10550	56811	8	2
17650	10525	56811	6	5
17650	10500	56467	0	1
17650	10475	56193	2	-3
17650	10450	56474	3	-4
17650	10425	56767	-11	-3
17650	10400	56852	-12	1
17650	10375	56860	-13	4
17650	10350	56937	-4	1
17650	10325	56854	1	3
17650	10300	56782	-2	-4
17650	10275	56714	-5	2
17650	10250	57058	-13	-3
17650	10225	57104	-12	2
17650	10200	57132	-6	0
17650	10175	57288	-11	-4
17650	10150	57279	-10	-1
17650	10125	57320	-4	-2
17650	10100	57265	0	-4
17650	10075	57081	1	-2
17650	10050	57027	3	-4
17650	10025	56784	2	-5
17650	10000	56887	4	-6
17650	9975	56770	2	-8
17650	9950	56700	3	-7
17650	9925	56873	0	-4
17650	9900	57009	-2	-4
17650	9875	56962	-5	0
17650	9850	56930	-6	1
17650	9825	56956	3	-6
17650	9800	56967	9	-9
17650	9775	57122	38	-8
17650	9750	56731	38	-7
17650	9725	56802	25	-2
17650	9700	56813	16	-3
17650	9675	56764	3	-7
17650	9650	56791	-3	-10
17650	9625	56790	-8	-7
17650	9600	56987	-10	-5
17650	9575	57068	-15	-8
17650	9550	56914	-8	-3
17650	9525	56929	-5	-5
17650	9500	56879	-7	4
17650	9475	56939	-12	-4

17650	9450	56808	-9	6
17650	9425	56885	-14	-2
17650	9400	56871	-14	-4
17650	9375	56877	-13	-6
17650	9350	56894	-10	-2
17650	9325	56890	-8	2
17650	9300	56831	-4	0
17650	9275	56780	-7	-5
17650	9250	56824	-8	-13
17650	9225	56803	-8	-12
17650	9200	56802	-5	-5
17650	9175	56814	-5	-2
17650	9150	56814		
17750	11250	56970	15	-7
17750	11225	57050	11	-4
17750	11200	57105	13	-5
17750	11175	57024	15	0
17750	11150	56925	18	8
17750	11125	56988	20	9
17750	11100	56909	18	5
17750	11075	56893	15	5
17750	11050	56897	13	1
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17750	10900	56868	11	9
17750	10875	56885	8	12
17750	10850	56899	4	8
17750	10825	56850	-3	6
17750	10800			
17750	10775	56874	-32	0
17750	10750	56942	28	4
17750	10725	56886	11	-8
17750	10700	56894	4	-10
17750	10675	56897	8	-9
17750	10650	56760	14	-9
17750	10625	56775	2	-14
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17750	10575	56766	7	-8
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17750	10500	56764	13	-7
17750	10475	56767	18	-5
17750	10450	56786	20	-16
17750	10425	56837	4	-7
17750	10400	56842	-11	-5
17750	10375	56866	-11	3
17750	10350	56818	-14	3
17750	10325	56705	-14	3
17750	10300	56651	-15	8
17750	10275	56486	-11	8
17750	10250	56396	-11	8
17750	10225	56552	-8	12
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17750	10175	56705	-9	12
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17750	10075	57176	-3	5
17750	10050	57255	1	3
17750	10025	57233	4	-3
17750	10000	57124	3	-1
17750	9975	56932	3	-2

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17750	9925	56743	1	2
17750	9900	56727	-5	5
17750	9875	56754	-5	3
17750	9850	56823	-4	1
17750	9825	56950	4	-2
17750	9800	57001	8	-7
17750	9775	57164	13	-6
17750	9750	57022	38	-1
17750	9725	56563	33	0
17750	9700	56836	27	-8
17750	9675	56722	9	-5
17750	9650	56801	0	-10
17750	9625	56729	-3	-8
17750	9600	57058	-16	-12
17750	9575	57221	-20	-25
17750	9550	56989	-20	8
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17750	9275	56820	-12	4
17750	9250	56814	-15	-4
17750	9225	56812	-12	-7
17750	9200	56826	-8	0
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line 17850				
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17850	11150	56807	16	4
17850	11125	56751	14	0
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17850	11075	56867	15	1
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17850	11000	56798	9	3
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17850	10950	56812	10	5
17850	10925	56804	7	0
17850	10900	56865	3	-1
17850	10875	56887	0	-3
17850	10850	56911	0	-4
17850	10825	56880	-2	-7
17850	10800	56839		
17850	10775	56916	-38	-4
17850	10750	56903	18	5
17850	10725	56950	8	-3
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17850	10625	56664	-2	-4
17850	10600	56789	-15	-8
17850	10575	56803	-8	-5
17850	10550	56819	0	-3
17850	10525	56829	0	0
17850	10500	56776	-4	-1
17850	10475	56803	-8	-1
17850	10450	56785	-8	3
17850	10425	56808	-6	1
17850	10400	56812	-5	6

17850	10375	56816	-6	2
17850	10350	56860	-8	7
17850	10325	56745	-6	5
17850	10300	56799	-6	7
17850	10275	56689	-5	8
17850	10250	56647	-6	10
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17850	10175	56820	-5	5
17850	10150	56803	-4	6
17850	10125	56794	-4	1
17850	10100	56828	-3	0
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17850	10050	56952	2	-8
17850	10025	57042	5	-6
17850	10000	57156	14	-10
17850	9975	57092	2	-8
17850	9950	57233	0	-3
17850	9925	57333	-8	-2
17850	9900	57078	-14	5
17850	9875	56942	-8	2
17850	9850	56835	3	-5
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17850	9800	56666	8	-17
17850	9775	56738	8	-6
17850	9750	56897	8	-5
17850	9725	56797	0	-4
17850	9700	56971	1	2
17850	9675	56961	7	0
17850	9650	56954	5	5
17850	9625	56925	6	-2
17850	9600	56926	0	5
17850	9575	56626	-21	-9
17780	9550	57047	-23	-8
17850	9525	57034	-14	7
17850	9500	56843	-21	6
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17850	9425	56964	-11	3
17850	9400	56892	-14	6
17850	9375	57169	-14	4
17850	9350	57218	-11	0
17850	9325	57010	-17	2
17850	9300	56841	-10	4
17850	9275	56868	-13	6
17850	9250	56793	-17	3
17850	9225	56887	-13	0
17850	9200	56866	-11	2
17850	9175	56850	-8	1
line 17950				
17950	11250	56889	7	4
17950	11225	56855	8	2
17950	11200	56826	10	5
17950	11175	56781	12	3
17950	11150	56741	11	1
17950	11125	56733	15	4
17950	11100	56790	2	0
17950	11075	56759	4	2
17950	11050	56770	10	1
17950	11025	56761	5	1
17950	11000	56829	-4	3
17950	10975	56748	5	-3
17950	10950	56798	8	-8
17950	10925	56778	1	0
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17950	10875	56845	-8	-3
17950	10850	56851	-14	3
17950	10825	56799	-9	-11
17950	10800	56789		
17950	10775			
17950	10750	56768	10	8
17950	10725	56693	10	10
17950	10700	56786	10	12
17950	10675	56884	7	-8
17950	10650	56869	-3	-2
17950	10625	56849	-8	4
17950	10600	56827	-7	0
17950	10575	56730	-11	3
17950	10550	56720	-12	7
17950	10525	56781	-	47
17950	10500	56768	-4	5
17950	10475	56852	-4	6
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17950	10425	56870	-4	8
17950	10400	56871	-6	4
17950	10375	56854	-5	8
17950	10350	56857	-5	15
17950	10325	57002	0	19
17950	10300	57012	-1	18
17950	10275	57055	2	15
17950	10250	57059	2	12
17950	10225	56965	-2	11
17950	10200	56858	-11	10
17950	10175	56908	-10	8
17950	10150	56880	-5	3
17950	10125	56807	-5	5
17950	10100	56684	0	7
17950	10075	56694	0	4
17950	10050	56606	2	-5
17950	10025	56555	-1	-5
17950	10000	56454	-1	-1
17950	9975	55977	-10	9
17950	9950	56822	-12	-2
17950	9925	56237	-2	7
17950	9900	57531	-20	0
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17950	9400	57262	-2	3
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line 18050				
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18050	10875	56823	4	-1
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18050	10825	56794	-4	-5
18050	10800	56952	-2	-3
18050	10775	56931	-2	-1
18050	10750	56948	-5	-22
18050	10725			
18050	10700	56891	-1	-8
18050	10675	56954	-1	-6
18050	10650	56945	3	-2
18050	10625	56938	-3	-7
18050	10600	56968	-1	-7
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18050	10525	56936	-6	5
18050	10500	56892	-2	5
18050	10475	56870	-4	1
18050	10450	56917	-3	-5
18050	10425	56976	-3	-11
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18050	10350	56983	1	-6
18050	10325	56937	-1	-2
18050	10300	56975	0	-2
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18050	10225	57079	-2	-5
18050	10200	57048	-2	-8
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18050	10025	56958	5	5
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18050	9375	57044	-8	8
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18050	9200	56843	-14	-1
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time 18150				
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18150	11225	56981	2	-1
18150	11200	57018	5	-1
18150	11175	56951	6	0
18150	11150	57091	8	1
18150	11125	56869	12	2
18150	11100	56872	10	0
18150	11075	56856	-1	-8
18150	11050	56878	-3	1
18150	11025	56892	3	2
18150	11000	56980	2	2
18150	10975	56931	3	4
18150	10950	56834	8	0
18150	10925	57010	0	-1
18150	10900	56875	-2	-2
18150	10875	56890	-6	-1
18150	10850	56818	-6	-8
18150	10825	56911		
18150	10800			
18150	10775	56874	0	-12
18150	10750	56846	7	-12
18150	10725	56844	4	-5
18150	10700	56870	-5	0
18150	10675	56907	-4	-4
18150	10650	56886	-3	1
18150	10625	56867	-4	3
18150	10600	56922	-5	0
18150	10575	56921	-5	6
18150	10550	56901	-3	3
18150	10525	56876	-4	-2
18150	10500	56900	-3	-10
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18150	10400	56759	-8	4
18150	10375	56744	-2	2
18150	10350	56865	-2	3
18150	10325	56910	0	-3
18150	10300	56921	0	-3
18150	10275	56944	5	-6
18150	10250	56919	2	-4
18150	10225	56954	0	1
18150	10200	56851	-5	6
18150	10175	56830	-4	3

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18150	10125	56893	-3	-1
18150	10100	56979	-3	3
18150	10075	56953	-3	4
18150	10050	56938	-2	0
18150	10025	56872	-2	4
18150	10000	56887	-1	-1
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18150	9950	56950	-1	-1
18150	9925	56821	2	0
18150	9900	56813	5	-3
18150	9875	56872	0	-7
18150	9850	56817	-3	-3
18150	9825	56801	-3	0
18150	9800	56931	-6	1
18150	9775	57018	-2	3
18150	9750	56921	2	2
18150	9725	56825	14	0
18150	9700	56818	8	-4
18150	9675	56944	12	-12
18150	9650	57112	20	-11
18150	9625	56957	40	-2
18150	9600	57218	37	7
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18150	9400	56818	-7	10
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18150	9350	57144	-10	-8
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18150	9250	56777	-12	-8
18150	9225	56744	-14	-4
18150	9200	56770	-15	-1
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time 18250				
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18250	11225	56925	18	1
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18250	11175	56701	25	-1
18250	11150	56888	16	-4
18250	11125	56845	12	-4
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18250	11025	56920	15	1
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18250	10975	56903	8	-2
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18250	10825	57034	-15	-9
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18250	10275	56993	2	1
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18250	10225	56854	1	-3
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18250	10025	57019	-3	0
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18250	9975	57029	-3	-3
18250	9950	57025	-5	-2
18250	9925	56986	-5	-2
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18250	9800	56773	2	-1
18250	9775	56783	4	-4
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18250	9650	56802	7	-4
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18250	9600	56719	7	-6
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18250	9550	57109	7	-5
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18250	9375	56861	7	-5
18250	9350	56879	-7	-6
18250	9325	57340	-3	-6
18250	9300	57043	-3	-1
18250	9275	57094	-2	-7
18250	9250	57036	-5	-5
18250	9225	57054	-8	1
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line 18350				
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18350	10800	56819	-13	-2
18350	10775	56847	-17	-16
18350	10750	56842	13	25
18350	10725			
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18350	10675	56770	33	13
18350	10650	56749	21	1
18350	10625	56736	5	7
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18350	10350	56878	-1	-5
18350	10325	56913	-2	-1
18350	10300	56902	-2	-3
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18350	10225	56866	1	2
18350	10200	56831	0	2
18350	10175	56871	1	1
18350	10150	56716	1	-1
18350	10125	56706	2	1
18350	10100	56717	-2	0
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18350	10050	56682	-2	3
18350	10025	56617	-2	-2
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18350	9925	56910	-4	-2
18350	9900	56925	-3	3
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18350	9775	56700	-9	-6
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18350	9725	56904	-2	-3
18350	9700	56783	0	-3
18350	9675	56690	6	-4
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18350	9625	56477	-2	-2
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18350	9475	56881	4	4
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18350	9400	56865	7	0
18350	9375	56952	3	4
18350	9350	57027	2	5
18350	9325		-9	-5
18350	9300	56803	-13	-8
18350	9275	57177	-8	-3
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18350	9200	57249	-2	-10
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18450	11075	56928	6	0
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18450	11025	56615	16	-3
18450	11000	56573	20	-3
18450	10975	56853	18	-1
18450	10950	56857	15	2
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18450	10875	56800	-2	-1
18450	10850	56822	-18	6
18450	10825	56798	-28	-1
18450	10800	56849	-30	-21
18450	10775	56749		
18450	10750	56818	28	26
18450	10725	56836	8	1
18450	10700	56832	-4	6
18450	10675	56932	-5	9
18450	10650	56886	4	3
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18450	10600	56974	5	5
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18450	10550	56998	5	3
18450	10525	56952	2	1
18450	10500	56911	4	-1
18450	10475	56793	2	-6
18450	10450	56850	2	-5
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18450	10400	56906	2	-2
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18450	10050			
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18450	9950			
18450	9925			
18450	9900	56593	-3	-4
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18450	9725	56844	-1	
18450	9700	56793	12	-2
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18450	9500	56559	-4	-7
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18450	9400	56900	-3	24
18450	9375	56574	-12	-8
18450	9350	56886	-12	-9
18450	9325	56996	-10	-4
18450	9300	56949	-8	1
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18450	9225	57065	-8	2
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18450	9175	57177	-6	-4
line 18550				
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18550	11225	57050	25	-10
18550	11200	57161	28	-3
18550	11175	56720	25	-5
18550	11150	56835	18	-12
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18550	11075	56878	6	-3
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18550	11025	56803	11	-3
18550	11000	56816	11	-1
18550	10975	56833	8	5
18550	10950	56767	7	2
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18550	10900	56730	6	6
18550	10875	56796	7	8
18550	10850	56770	2	7
18550	10825	56726	-4	8
18550	10800	56697	-18	7
18550	10775	56806	-29	-13
18550	10750			
18550	10725			
18550	10700	56574	49	24
18550	10675	56598	28	14
18550	10650	56647	13	4
18550	10625	56668	10	3
18550	10600	56700	8	2
18550	10575	56650	9	3
18550	10550	56635	3	5
18550	10525	56725	5	1



18550	10500	56728	2	2
18550	10475	56811	8	3
18550	10450	56699	8	1
18550	10425	56724	3	-1
18550	10400	56746	3	-1
18550	10375	56776	5	-1
18550	10350	56794	2	0
18550	10325	56801	4	-2
18550	10300	56803	-3	1
18550	10275	56815	0	-1
18550	10250	56759	-1	-3
18550	10225	56850	0	1
18550	10200	56703	-8	2
18550	10175	56807	-3	-1
18550	10150	56705	-2	-1
18550	10125	56815	-5	-1
18550	10100	56738	-3	1
18550	10075	56734	-3	1
18550	10050	56692	-3	-3
18550	10025	56641	-2	0
18550	10000	56521	-3	-1
18550	9975	56590	-4	0
18550	9950	56542	-6	1
18550	9925	56398	4	1
18550	9900	56540	2	2
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18550	9825	56436	-5	-2
18550	9800	56788	-3	-1
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18550	9750	56853	-1	-1
18550	9725	56800	7	0
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18550	9675	56769	2	0
18550	9650	56772	3	2
18550	9625	56637	3	2
18550	9600	56626	-5	-3
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18550	9425	56884	-28	9
18550	9400	56764	-17	1
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18550	9350	56807	-13	-1
18550	9325	56773	-8	-1
18550	9300	56736	-8	1
18550	9275	56909	-5	-2
18550	9250	56825	-3	2
18550	9225	56815	-2	5
18550	9200	56870	-3	-1
18550	9175	56892	-2	-2
line 18650				
18650	11250	56956	14	-25
18650	11225	56966	17	-27
18650	11200	57183	3	-15
18650	11175	57392	8	-13
18650	11150	57194	-2	-11
18650	11125	57199	-2	-11
18650	11100	57285	-8	-14
18650	11075	57336	-6	-4
18650	11050	57011	-14	-3
18650	11025	57076	-7	1

18650	11000	57404	-7	11
18650	10975	57447	-11	9
18650	10950	57409	-14	5
18650	10925	57085	-18	5
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line 21050				
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21250	8050	56770	-26	6
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21350	9150	56997	-25	-2
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21350	7500	56509	5	-1
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line 21450				
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21450	9250	57354	-16	2
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21450	9200	57167	-22	-4
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21650	7675	56635	-2	-6

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16725	9175	56682		
16750	9175	56581		
16775	9175	56609		
16800	9175	56634		
16825	9175	56660		
16850	9175	56660		
16875	9175	56670		
16900	9175	56648		
16925	9175	56590		
16950	9175	56579		
16975	9175	56553		
17000	9175	56566		
17025	9175	56640		
17050	9175	56718		
17075	9175	56710		
17100	9175	56721		
17125	9175	56708		
17150	9175	56695		
17175	9175	56710		
17200	9175	56745		
17225	9175	56829		
17250	9175	56794		
17275	9175	56768		
17300	9175	56694		
17325	9175	56518		
17350	9175	56448		
17375	9175	56624		
17400	9175	56632		
17425	9175	56733		
17450	9175	56708		
17475	9175	56701		
17500	9175	56808		
17525	9175	56828		
17550	9175	56782		
17575	9175	56819		
17600	9175	56718		
17625	9175	56908		
17650	9175	56871		
17675	9175	56851		
17700	9175	56858		
17725	9175	56813		
17750	9175	56806		
17775	9175	56850		
17800	9175	56813		
17825	9175	56825		
17850	9175	56800		
17875	9175	56813		
17900	9175	56866		
17925	9175	56920		
17950	9175	56975		
17975	9175			
18000	9175			

18025	9175	57019
18050	9175	56987
18075	9175	56927
18100	9175	56848
18125	9175	56784
18150	9175	56808
18175	9175	56806
18200	9175	56845
18225	9175	56805
18250	9175	56845
18275	9175	56861
18300	9175	56925
18325	9175	57015
18350	9175	57170
18375	9175	57160
18400	9175	57171
18425	9175	57185
18450	9175	57177
18475	9175	57143
18500	9175	57088
18525	9175	57057
18550	9175	56892
18575	9175	56939
18600	9175	56859
18625	9175	56835
18650	9175	56830
18675	9175	56837
18700	9175	56882
18725	9175	56826
18750	9175	56830
18775	9175	56780
18800	9175	56729
18825	9175	56687
18850	9175	56729
18875	9175	56678
18900	9175	56677
18925	9175	56717
18950	9175	56721
18975	9175	56686
19000	9175	56650
19025	9175	56645
19050	9175	56622
19075	9175	56664
19100	9175	56654
19125	9175	56653
ue 9100		
19150	9100	56628
19175	9100	56690
19200	9100	56665
19225	9100	56728
19250	9100	56714
19275	9100	56620
19300	9100	56626
19325	9100	56725
19350	9100	56709
19375	9100	56701
19400	9100	56673
19425	9100	56653
19450	9100	56660
19475	9100	56644
19500	9100	56683
19525	9100	56694
19550	9100	56573
19575	9100	56510
19600	9100	56517

19625	9100	56526
19650	9100	56457
19675	9100	56490
19700	9100	56554
19725	9100	56795
19750	9100	57068
19775	9100	57307
19800	9100	57441
19825	9100	57491
19850	9100	57593
19875	9100	57640
19900	9100	57661
19925	9100	57677
19950	9100	57664
19975	9100	57642
20000	9100	57579
20025	9100	57504
20050	9100	57323
20075	9100	57272
20100	9100	57328
20125	9100	57348
20150	9100	57432
20175	9100	57502
20200	9100	57578
20225	9100	57873
20250	9100	57855
20275	9100	57905
20300	9100	57735
20325	9100	57309
20350	9100	57107
20375	9100	56978
20400	9100	57026
20425	9100	57285
20450	9100	57487
ue 19125		
19150	7450	56650
19175	7450	56633
19200	7450	56699
19225	7450	56757
19250	7450	56640
19275	7450	56688
19300	7450	56730
19325	7450	56704
19350	7450	56673
19375	7450	56615
19400	7450	56656
19425	7450	56856
19450	7450	57038
19475	7450	56849
19500	7450	
19525	7450	56895
19550	7450	56941
19575	7450	56945
19600	7450	57455
19625	7450	57123
19650	7450	57480
19675	7450	56753
19700	7450	57350
19725	7450	56544
19750	7450	56822
19775	7450	56613
19800	7450	56670
19825	7450	56717
19850	7450	56791
19875	7450	56784

19900	7450	56666
19925	7450	56635
19950	7450	56638
19975	7450	56570
20000	7450	56552
20025	7450	56584
20050	7450	55983
20075	7450	56247
20100	7450	56375
20125	7450	56791
20150	7450	56786
20175	7450	56715
20200	7450	56835
20225	7450	57058
20250	7450	56775
20275	7450	56660
20300	7450	56510
20325	7450	56313
20350	7450	56701
20375	7450	57236
20400	7450	57470
20425	7450	57060
20450	7450	56540
20475	7450	56837
20500	7450	56928
20525	7450	56744
20550	7450	56258
20575	7450	56255
20600	7450	56220
20625	7450	56525
20650	7450	56755
20675	7450	56513
20700	7450	56333
20725	7450	56450
20750	7450	56428
20775	7450	56536
20800	7450	56184
20825	7450	56470
20850	7450	56370
20875	7450	56611
20900	7450	56793
20925	7450	56929
20950	7450	56765
20975	7450	57005
21000	7450	56900
21025	7450	57115
21050	7450	56520
21075	7450	56455
21100	7450	56473
21125	7450	56630
21150	7450	56331
21175	7450	56325
21200	7450	56704
21225	7450	56270
21250	7450	56398
21275	7450	56425
21300	7450	56458
21325	7450	56467
21350	7450	56453
21375	7450	56517
21400	7450	56483
21425	7450	56501
21450	7450	56625
21575	7450	56530
21500	7450	56485

21325	7450	56527
21350	7450	56481
21375	7450	56487
21600	7450	56518
21625	7450	56591
21650	7450	56570

Goldcliff Resource Corporation

Line and Station +=Northing/Easting  
 -=Southing/Westing

Area: S Claims

Grid: Plug

Date: August, 1996

Instrument Type:

Scintrex MP-2

Geonics EM-16

Station:

Data Types: #1

#2

#3

File Name: gcge0296.xyz

Details;

Corrected total field magnetic values

In-Phase and Quadrature values

Cutler, Facing Northerly

Corrected Total Field Magnetic Values (nanoteslas)

VLF-EM In-Phase Values (percent)

VLF-EM Quadrature Values (percent)

E/W	N/S	#1	#2	#3
line 17950				
17950	9580	57021	14	30
17950	9570	56878	6	15
17950	9560	56625	7	15
17950	9550	56658	-6	-1
17950	9540	56612	-3	9
17950	9530	56746	-12	-18
17950	9520	56552	-7	-14
17950	9510	56618	-10	-10
17950	9500	56729	-6	2
17950	9490	56713	-5	4
17950	9480	56691	-5	1
17950	9470	56737	-6	-24
17950	9460	56841	-6	-2
17950	9450	56713	-5	0
17950	9440	56762	-5	2
17950	9430	56682	-1	6
17950	9420	56737	1	2
17950	9410	57153	1	4
17950	9400	57262	-2	3
17950	9390	57261	-8	-1
17950	9380	57101	-9	-2
17950	9370	57129	-12	2
17950	9360	56823	-12	-1
17950	9350	56879	-14	1
17950	9340	56917	-17	9
17950	9330	56833	-19	4
17950	9320	56739	-20	5
17950	9310	56754	-23	2
17950	9300	56847	-18	2
17950	9290	56727	-20	1
17950	9280	56726	-17	3
17950	9270	56706	-14	3
17950	9260	56736	-14	2
17950	9250	56839	-14	2
17950	9240	56878	-15	2
17950	9230	56904	-16	2
17950	9220	56873	-18	1
17950	9210	56870	-16	1
17950	9200	56838	-12	0
17950	9190	56831	-16	0
17950	9180	56826	-15	1
line 18000				
18000	9580	56901	-1	24

18000	9570	56937	2	26
18000	9560	56870	2	13
18000	9550	57032	6	20
18000	9540	57145	8	24
18000	9530	57202	12	24
18000	9520	57095	13	32
18000	9510	56930	15	27
18000	9500	56487	17	22
18000	9490	56188	8	21
18000	9480	56573	5	26
18000	9470	56622	1	-6
18000	9460	56499	2	12
18000	9450	56400	0	15
18000	9440	56513	-12	35
18000	9430	56386	-24	10
18000	9420	56792	-14	23
18000	9410	57298	-14	25
18000	9400	57020	-7	15
18000	9390	56996	-3	0
18000	9380	56895	-2	-4
18000	9370	56840	-3	-2
18000	9360	56874	-8	5
18000	9350	56755	-11	-2
18000	9340	56817	-15	3
18000	9330	56798	-19	-3
18000	9320	56789	-23	0
18000	9310	56871	-26	-1
18000	9300	56887	-19	-3
18000	9290	56849	-22	1
18000	9280	56759	-25	3
18000	9270	56728	-23	-1
18000	9260	56669	-17	-2
18000	9250	56721	-13	-1
18000	9240	56745	-11	-1
18000	9230	56775	-12	3
18000	9220	56839	-12	0
18000	9210	56883	-14	3
18000	9200	56955	-17	2
18000	9190	57003	-18	6
18000	9180	57011	-16	4
line 18050				
18050	9580	56779	-1	-4
18050	9570	56765	-4	-2
18050	9560	56827	2	6
18050	9550	56881	0	4
18050	9540	56796	7	15
18050	9530	56814	8	16
18050	9520	56847	6	3
18050	9510	56915	7	12
18050	9500	56970	7	0
18050	9490	56960	3	1
18050	9480	56887	5	10
18050	9470	56771	8	-3
18050	9460	56779	8	1
18050	9450	56743	0	4
18050	9440	56785	2	16
18050	9430	56902	-10	-10
18050	9420	56619	-12	-1
18050	9410	56366	-4	16
18050	9400	57044	-13	5
18050	9390	56993	-10	-12
18050	9380	57024	-9	-11
18050	9370	57018	-5	8
18050	9360	57090	-7	-18
18050	9350	57056	-16	-2

18050	9340	57042	-14	20
18050	9330	56973	-18	13
18050	9320	56947	-27	6
18050	9310	57004	-19	11
18050	9300	56927	-13	5
18050	9290	56882	-12	-5
18050	9280	56769	-14	-16
18050	9270	56722	-20	-18
18050	9260	56737	-13	2
18050	9250	56697	-10	-2
18050	9240	56641	-15	9
18050	9230	56807	-10	14
18050	9220	56810	-13	-1
18050	9210	56844	-15	-16
18050	9200	56843	-14	-1
18050	9190	56908	-18	-10
18050	9180	56944	-15	8
line 18100				
18100	9580	56855	21	-1
18100	9570	56753	24	0
18100	9560	56730	21	-1
18100	9550	56774	16	-1
18100	9540	56720	10	1
18100	9530	56707	8	-1
18100	9520	56693	2	3
18100	9510	56638	0	1
18100	9500	56730	-3	3
18100	9490	56737	-2	1
18100	9480	56836	-1	5
18100	9470	56933	-2	4
18100	9460	56984	-1	6
18100	9450	57167	0	8
18100	9440	57027	1	9
18100	9430	57049	2	7
18100	9420	56794	-1	9
18100	9410	56564	-5	9
18100	9400	56684	-5	4
18100	9390	56880	-8	6
18100	9380	56903	-17	3
18100	9370	57296	-25	1
18100	9360	57014	-27	-3
18100	9350	57023	-25	-4
18100	9340	57182	-22	-2
18100	9330	57255	-12	2
18100	9320	57058	-7	4
18100	9310	57171	-5	7
18100	9300	57011	-4	4
18100	9290	57006	-6	-1
18100	9280	56887	-14	-1
18100	9270	56876	-14	-1
18100	9260	56770	-15	-2
18100	9250	56721	-14	-1
18100	9240	56699	-12	-5
18100	9230	56721	-13	-3
18100	9220	56777	-17	0
18100	9210	56746	-15	-3
18100	9200	56715	-14	-1
18100	9190	56752	-14	0
18100	9180	56816	-18	1
line 18150				
18150	9580	57158	33	5
18150	9570	57117	21	0
18150	9560	57110	13	2
18150	9550	56766	18	4
18150	9540	57140	1	-2

18150	9530	56856	-3	-1
18150	9520	56705	-11	5
18150	9510	56692	-17	-2
18150	9500	56831	-10	-10
18150	9490	56647	-17	4
18150	9480	56809	-25	7
18150	9470	56918	-25	4
18150	9460	56919	-24	6
18150	9450	57039	-9	5
18150	9440	56912	-14	12
18150	9430	57033	-10	12
18150	9420	56992	-1	16
18150	9410	56588	-10	15
18150	9400	56818	-9	5
18150	9390	56848	-14	11
18150	9380	56796	-9	5
18150	9370	56852	-9	0
18150	9360	56980	-4	-3
18150	9350	57144	-10	-8
18150	9340	57222	-8	-7
18150	9330	57181	-4	2
18150	9320	57111	-3	-2
18150	9310	57014	0	-2
18150	9300	56759	-6	-5
18150	9290	56966	-3	-2
18150	9280	56818	-3	-4
18150	9270	56718	-4	-6
18150	9260	56800	-15	-6
18150	9250	56777	-12	-8
18150	9240	56873	-6	-5
18150	9230	56777	-13	-6
18150	9220	56768	-14	-3
18150	9210	56737	-15	1
18150	9200	56770	-15	-1
18150	9190	56782	-17	-1
18150	9180	56801	-18	4
line 18200				
18200	9580	56983	39	6
18200	9570	57097	24	0
18200	9560	57127	14	-1
18200	9550	57147	4	-1
18200	9540	57193	-3	-3
18200	9530	57059	9	2
18200	9520	56775	-11	4
18200	9510	56743	-12	6
18200	9500	56805	-18	8
18200	9490	56818	-23	7
18200	9480	56979	-28	10
18200	9470	57077	-35	12
18200	9460	57122	-39	8
18200	9450	57121	-31	9
18200	9440	57090	-24	12
18200	9430	57083	-10	13
18200	9420	57163	-4	16
18200	9410	56971	4	18
18200	9400	56931	1	20
18200	9390	56808	-5	17
18200	9380	56648	-3	-9
18200	9370	56365	-5	2
18200	9360	56767	-5	0
18200	9350	57004	0	-7
18200	9340	57226	4	-3
18200	9330	56948	0	-8
18200	9320	56968	-5	-7
18200	9310	56897	-7	-4

18200	9300	57032	-9	-4
18200	9290	56979	-5	-2
18200	9280	56934	-3	-3
18200	9270	56814	-9	-2
18200	9260	56807	-11	-5
18200	9250	56831	-16	-3
18200	9240	56879	-18	0
18200	9230	56876	-15	3
18200	9220	56892	-15	1
18200	9210	56843	-10	2
18200	9200	56828	-16	0
18200	9190	56802	-16	6
18200	9180	56824	-19	8
line 18250				
18250	9580	56774	11	-5
18250	9570	56858	13	-2
18250	9560	57013	8	-3
18250	9550	57109	7	-5
18250	9540	57036	-2	6
18250	9530	56992	-5	3
18250	9520	56977	-6	4
18250	9510	56921	-10	6
18250	9500	56915	-8	7
18250	9490	56910	-10	8
18250	9480	56903	-12	14
18250	9470	56889	-15	16
18250	9460	56957	-11	14
18250	9450	57010	-8	7
18250	9440	57029	-6	13
18250	9430	57099	-3	12
18250	9420	57118	5	16
18250	9410	57016	9	21
18250	9400	57021	5	16
18250	9390	56794	9	19
18250	9380	56829	5	10
18250	9370	56914	4	5
18250	9360	56932	-1	4
18250	9350	56879	-7	-6
18250	9340	57267	-3	-1
18250	9330	57319	-4	-5
18250	9320	57187	-3	-2
18250	9310	57198	-4	-5
18250	9300	57043	-3	-1
18250	9290	57095	-3	-6
18250	9280	57086	-5	-6
18250	9270	57092	-7	2
18250	9260	57043	-7	-1
18250	9250	57010	-5	-5
18250	9240	57040	-12	-5
18250	9230	57015	-11	-2
18250	9220	56987	-17	-3
18250	9210	56890	-16	-1
18250	9200	56869	-9	-2
18250	9190	56869	-16	3
18250	9180	56851	-17	3
line 18300				
18300	9580	56965	-1	2
18300	9570	57006	-2	2
18300	9560	57026	-2	5
18300	9550	57030	-2	7
18300	9540	57116	-2	8
18300	9530	57102	-3	10
18300	9520	57108	-5	8
18300	9510	57110	-4	10
18300	9500	57110	-3	12

18300	9490	57061	-1	13
18300	9480	57016	0	11
18300	9470	57047	2	13
18300	9460	56996	2	10
18300	9450	57016	3	9
18300	9440	56996	5	8
18300	9430	57005	7	6
18300	9420	57146	8	5
18300	9410	57086	8	3
18300	9400	57144	13	8
18300	9390	57037	14	11
18300	9380	57067	10	9
18300	9370	57151	8	10
18300	9360	57000	-3	1
18300	9350	57194	-5	0
18300	9340	57054	-5	1
18300	9330	57208	-4	-6
18300	9320	57027	-4	-6
18300	9310	56882	-14	-9
18300	9300	56978	-14	-6
18300	9290	57208	-15	-6
18300	9280	57180	-11	1
18300	9270	57237	-5	0
18300	9260	57218	-4	-1
18300	9250	57235	-2	-1
18300	9240	57239	-1	-1
18300	9230	57168	-3	-3
18300	9220	57106	-5	-2
18300	9210	57068	-10	-1
18300	9200	57032	-11	-7
18300	9190	57031	-11	0
18300	9180	57000	-9	-3

Goldcliff Resource Corporation

Line and Station

+ = Northing/Easting  
- = Southing/Westing

Area: S Claims  
Grid: Meadow  
Date: August, 1996  
Instrument Type:  
Scintrex MP-2  
Geonics EM-16  
Station:  
Data Types: #1  
              #2  
              #3

File Name: gcge0396.xyz  
Details;  
Corrected total field magnetic values  
In-Phase and Quadrature values  
Cutler, Facing Northerly  
Corrected Total Field Magnetic Values (nanoteslas)  
VLF-EM In-Phase Values (percent)  
VLF-EM Quadrature Values (percent)

E/W	N/S	#1	#2	#3
line 19600				
19600	8900	56995	4	1
19600	8890	57046	5	-1
19600	8880	57089	3	-3
19600	8870	57133	3	2
19600	8860	57192	2	3
19600	8850	57281	8	1
19600	8840	57398	6	5
19600	8830	57451	7	3
19600	8820	57439	8	3
19600	8810	57452	3	5
19600	8800	57446	2	2
19600	8790	57395	2	0
19600	8780	57183	-2	0
19600	8770	56972	1	-1
19600	8760	56886	0	0
19600	8750	56833	1	-2
19600	8740	56638	1	-3
19600	8730	56550	0	-2
19600	8720	56635	-2	-3
19600	8710	56588	-8	0
19600	8700	56593	-11	1
19600	8690	56585	-5	-9
19600	8680	56624	-10	-5
19600	8670	56858	-14	-6
19600	8660	56684	-15	-10
19600	8650	56594	-18	-5
19600	8640	56606	-15	-1
19600	8630	56636	-14	2
19600	8620	56573	-12	2
19600	8610	56618	-12	2
19600	8600	56519	-10	7
19600	8590	56558	-6	1
19600	8580	56601	-9	-1
19600	8570	56494	-13	-3
19600	8560	56498	-19	1
19600	8550	56566	-18	2
19600	8540	56558	-18	1
19600	8530	56628	-18	4
19600	8520	56573	-20	-1
19600	8510	56583	-21	0
19600	8500	56618	-22	2
line 19650				
19650	8900	57482	6	1

19650	8890	57490	6	1
19650	8880	57527	5	2
19650	8870	57522	8	1
19650	8860	57603	8	2
19650	8850	57562	7	3
19650	8840	57611	7	4
19650	8830	57610	3	6
19650	8820	57604	3	7
19650	8810	57590	3	7
19650	8800	57492	-2	6
19650	8790	57637	1	2
19650	8780	57545	-1	4
19650	8770	57518	1	1
19650	8760	57306	0	1
19650	8750	56869	-1	-4
19650	8740	57066	-3	-11
19650	8730	56984	-7	-3
19650	8720	56890	-8	-2
19650	8710	56878	-9	1
19650	8700	56669	-8	1
19650	8690	56839	-15	1
19650	8680	56811	-13	6
19650	8670	56750	-18	2
19650	8660	56698	-24	7
19650	8650	56412	-32	0
19650	8640	56627	-29	-6
19650	8630	56483	-22	-5
19650	8620	56489	-24	-5
19650	8610	56557	-19	-3
19650	8600	56478	-14	2
19650	8590	56516	-19	-5
19650	8580	56439	-18	1
19650	8570	56387	-20	5
19650	8560	56390	-18	3
19650	8550	56645	-15	1
19650	8540	56364	-23	-2
19650	8530	56438	-26	-3
19650	8520	56366	-25	-2
19650	8510	56435	-16	-3
19650	8500	56693	-13	-1
line 19700				
19700	8900	57627	10	2
19700	8890	57639	8	2
19700	8880	57578	3	4
19700	8870	57627	12	0
19700	8860	57617	5	1
19700	8850	57646	3	0
19700	8840	57632	4	1
19700	8830	57624	4	3
19700	8820	57626	4	5
19700	8810	57573	11	3
19700	8800	57627	10	2
19700	8790	57515	5	3
19700	8780	57363	9	-4
19700	8770	57366	10	-3
19700	8760	57341	14	-4
19700	8750	57212	16	0
19700	8740	57165	19	-1
19700	8730	57916	15	-3
19700	8720	56913	13	-4
19700	8710	56981	8	-9
19700	8700	57043	7	-8
19700	8690	56865	8	-8
19700	8680	56817	0	-11
19700	8670	56805	-4	-10



19700	8660	56939	-8	-9
19700	8650	56933	-8	-11
19700	8640	56991	-10	-7
19700	8630	57582	-14	-10
19700	8620	57441	-18	-13
19700	8610	57117	-21	-14
19700	8600	57010	-25	-7
19700	8590	56922	-27	-4
19700	8580	57044	-22	-1
19700	8570	56953	-22	0
19700	8560	56794	-24	-1
19700	8550	57296	-32	1
19700	8540	56483	-18	-1
19700	8530	56752	-38	-3
19700	8520	56767	-42	-4
19700	8510	56863	-36	4
19700	8500	56875	-26	8
line 19750				
19750	8900	57663	5	-1
19750	8890	57641	6	-3
19750	8880	57631	-1	-1
19750	8870	57616	3	0
19750	8860	57606	4	3
19750	8850	57643	8	2
19750	8840	57602	4	-1
19750	8830	57614	4	3
19750	8820	57652	4	2
19750	8810	57500	5	1
19750	8800	57415	8	-9
19750	8790	57456	4	-3
19750	8780	57451	5	-4
19750	8770	57407	4	-7
19750	8760	57304	15	-4
19750	8750	57230	15	-4
19750	8740	57128	35	1
19750	8730	56959	42	0
19750	8720	57179	10	1
19750	8710	56938	23	-6
19750	8700	56930	15	-5
19750	8690	57065	8	-11
19750	8680	56977	3	-10
19750	8670	57030	4	-11
19750	8660	56973	0	-16
19750	8650	56819	-8	-12
19750	8640	57438	-13	-35
19750	8630	57558	-15	-35
19750	8620	57346	-12	0
19750	8610	57228	-14	3
19750	8600	57066	-16	-8
19750	8590	57420	-25	-4
19750	8580	57404	-23	1
19750	8570	57142	-25	-2
19750	8560	57315	-27	-8
19750	8550	57268	-33	-2
19750	8540	57232	-39	-3
19750	8530	57363	-37	-2
19750	8520	57276	-27	3
19750	8510	57219	-25	7
19750	8500	57323	-39	4
line 19800				
19800	8900	57493	4	1
19800	8890	57565	3	0
19800	8880	57669	4	2
19800	8870	57727	4	3
19800	8860	57721	8	3

19800	8850	57704	4	3
19800	8840	57711	4	0
19800	8830	57706	5	-2
19800	8820	57612	-2	-2
19800	8810	57558	1	-4
19800	8800	57509	4	-9
19800	8790	57377	-2	-6
19800	8780	57268	5	-12
19800	8770	57230	14	-18
19800	8760	57142	20	-20
19800	8750	57110	23	-24
19800	8740	57077	20	-21
19800	8730	56681	14	-20
19800	8720	56867	13	-14
19800	8710	56728	10	-16
19800	8700	56954	-2	-12
19800	8690	57206	-5	-10
19800	8680	56976	-8	-8
19800	8670	56899	-12	-3
19800	8660	56957	-10	-7
19800	8650	56915	-20	-9
19800	8640	56910	-21	-4
19800	8630	56928	-26	-6
19800	8620	56979	-30	-3
19800	8610	57101	-35	-8
19800	8600	57081	-32	-2
19800	8590	57115	-34	-5
19800	8580	57078	-34	1
19800	8570	57054	-30	-8
19800	8560	57122	-28	-8
19800	8550	57130	-30	0
19800	8540	57169	-25	10
19800	8530	57200	-25	5
19800	8520	57177	-21	1
19800	8510	57146	-27	3
19800	8500	57098	-22	0
line 19850				
19850	8900	57500	15	2
19850	8890	57369	14	-3
19850	8880	57357	11	0
19850	8870	57433	9	4
19850	8860	57496	8	6
19850	8850	57595	7	1
19850	8840	57580	7	10
19850	8830	57517	5	1
19850	8820	57464	1	3
19850	8810	57432	7	13
19850	8800	57308	5	6
19850	8790	57295	-3	-8
19850	8780	57234	-5	-4
19850	8770	57225	-9	-6
19850	8760	57318	-10	-3
19850	8750	57855	-7	-7
19850	8740	57881	-8	-4
19850	8730	57818	-10	-1
19850	8720	57794	-11	-4
19850	8710	57476	-13	-5
19850	8700	57333	-11	-1
19850	8690	57194	-13	-6
19850	8680	57152	-8	0
19850	8670	57107	-10	-4
19850	8660	57031	-13	-1
19850	8650	57104	-18	-1
19850	8640	57117	-17	-1
19850	8630	57055	-24	-5

19850	8620	57072	-30	0
19850	8610	56990	-30	4
19850	8600	57070	-28	-2
19850	8590	57054	-30	4
19850	8580	57037	-30	2
19850	8570	56989	-28	2
19850	8560	57045	-25	6
19850	8550	57134	-27	4
19850	8540	57071	-28	0
19850	8530	57082	-27	4
19850	8520	57173	-25	10
19850	8510	57229	-16	8
19850	8500	57340	-15	-3
line 19900				
19900	8900	57578	9	-14
19900	8890	57554	-10	-16
19900	8880	57600	11	-13
19900	8870	57678	10	-11
19900	8860	57783	2	-12
19900	8850	57781	5	-20
19900	8840	57639	-11	-12
19900	8830	57705	14	-12
19900	8820	57579	10	-5
19900	8810	57219	2	-2
19900	8800	57129	-1	3
19900	8790	57037	-6	7
19900	8780	56872	-12	5
19900	8770	56788	-20	6
19900	8760	56714	-22	8
19900	8750	56773	-23	3
19900	8740	56828	-22	4
19900	8730	56995	-18	4
19900	8720	57356	-16	8
19900	8710	57428	-14	5
19900	8700	57606	-15	-5
19900	8690	57518	-12	-2
19900	8680	57369	-6	0
19900	8670	57241	-4	-6
19900	8660	57181	-22	-8
19900	8650	57147	-17	6
19900	8640	57184	-14	4
19900	8630	57234	-14	-1
19900	8620	57382	-16	-2
19900	8610	57249	-15	-3
19900	8600	57178	-13	-1
19900	8590	57223	-12	6
19900	8580	57288	-17	2
19900	8570	57314	-23	-3
19900	8560	57320	-20	4
19900	8550	57399	-18	0
19900	8540	57434	-25	-4
19900	8530	57462	-19	6
19900	8520	57499	-15	2
19900	8510	57503	-14	8
19900	8500	57648	-25	5
line 19950				
19950	8900	57803	5	-20
19950	8890	57814	6	-24
19950	8880	57792	6	-9
19950	8870	57517	5	-5
19950	8860		3	-15
19950	8850	57240	4	-24
19950	8840	57205	0	-36
19950	8830	57119	-2	-26
19950	8820	57148	-5	-18

19950	8810	57306	-10	-6
19950	8800	57314	-8	-4
19950	8790	57787	-8	4
19950	8780	57657	-7	3
19950	8770	57584	-9	2
19950	8760	57655	-13	8
19950	8750	57474	-18	0
19950	8740	57437	-13	-2
19950	8730	57324	-24	-1
19950	8720	57222	-15	4
19950	8710	57128	-11	9
19950	8700	56831	-17	9
19950	8690	56857	-15	11
19950	8680	56854	-20	6
19950	8670	56874	-15	10
19950	8660	56996	-8	9
19950	8650	56932	-18	11
19950	8640	57163	-18	4
19950	8630	57283	-20	0
19950	8620	57456	-16	-2
19950	8610	57635	-11	-7
19950	8600	57407	-10	-9
19950	8590	57527	-12	-11
19950	8580	57663	-7	-3
19950	8570	57687	-11	-28
19950	8560	57545	-8	-20
19950	8550	57308	-13	-17
19950	8540	57470	-11	-13
19950	8530	57432	-17	-10
19950	8520	57522	-15	-13
19950	8510	57625	-13	13
19950	8500	57473	-9	15

**APPENDIX III**  
**GEOPHYSICAL EQUIPMENT SPECIFICATIONS**

## MP-2 PROTON PRECESSION MAGNETOMETER

**Resolution:** 1 gamma

**Total Field Accuracy:**  $\pm$  gamma over full operating range

**Range:** 20,000 to 100,000 gammas in 25 overlapping steps.

**Internal Measuring Program:** A reading appears 1.5 seconds after depression of Operate Switch & remains displayed for 2.2 secs. Recycling feature permits automatic repetitive readings at 3.7 sec. intervals.

**External Trigger:** External trigger input permits use of sampling intervals longer than 3.7 seconds.

**Display:** 5 digit LED readout displaying total magnetic field in gammas or normalized battery voltage.

**Data Output:** Multiplied precession frequency and gate time outputs for base station recording using interfacing optionally available from Scintrex.

**Gradient Tolerance:** Up to 5,000 gammas/meter.

**Power Source:** 8 size D cells  $\approx$ 25,000 readings at 25° C under reasonable conditions.

**Sensor:** Omnidirectional, shielded, noise-cancelling dual coil, optimized for high gradient tolerance.

**Harness:** Complete for operation with staff or back pack sensor.

**Operating Temperature Range:** -35 to +60° C.

**Size:** Console, 8 x 16 x 25 cm; Sensor, 8 x 15 cm; Staff 30 x 66 cm;

**Weights:** Console, 1.8 kg; Sensor, 1.3 kg; Staff, 0.6 kg;

**Manufacturer:** Scintrex  
222 Snidercroft Road  
Concord, Ontario

GEONICS LIMITED  
VLF EM 16

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Source of Primary Field VLF transmitting stations

Transmitting Stations Used: Any desired station frequency can be supplied with the instrument in the form of plug-in tuning units. Two tuning units can be plugged in at one time. A switch selects either station.

Operating Frequency Range: About 15-25 Hz.

Parameters Measured: 1- The vertical in-phase component (tangent of the tilt angle of the polarization ellipsoid).  
2- The vertical out-of-phase (quadrature) component (the short axis of the polarization ellipsoid compared to the long axis).

Method of Reading: In-phase from a mechanical inclinometer and quadrature from a calibrated dial. Nulling by audio tone

Scale Range: In-phase  $\pm 150\%$ ; quadrature  $\pm 40\%$

Readability:  $\pm 1\%$

Operating Temperature Range: -40 to 50° C.

Operating Controls: ON-OFF switch, battery testing push button, station selector, switch, volume control, quadrature dial  $\pm 40\%$ , inclinometer  $\pm 150\%$

Power Supply: 6 size AA alkaline cells  $\approx 200$  hrs.

Dimensions: 42 x 14 x 9 cm (16 x 5.5 x 3.5 in)

Weight: 1.6 kg. (3.5 lbs)

Instrument Supplied With: Monotonic speaker, carrying case, manual of operation, 3 station selector plug-in tuning units (additional frequencies are optional) set of batteries.

Manufacturer: Geonics Limited  
1745 Meyerside Drive/Unit 8  
Mississauga, Ontario  
L5T 1C5

**APPENDIX IV**  
**REPORT ON POLISHED THIN SECTIONS**

**SAMPLE 96359X.**

In reflected light the opaque content is about 2% and the mode is visually estimated to be as follows:

Pyrite:	99%
Chalcopyrite:	Tr.
Fe oxides:	Tr.

Pyrite occurs in crystals, crystal fragments, crystal aggregates and the like in the 0.1 - 0.3 mm size range. The pyrite is widely disseminated throughout the rock. Rare 5 - 60 micron sized grains of anhedral chalcopyrite are noted in the section. Also present is some magnetite in cloudy clusters of very fine grains.

In transmitted light, quartz and carbonate fragments are seen to be subangular to subrounded and are cemented by much finer quartz-carbonate-sericite. Some seams and layers in the rock contain quartz rich aggregates of 1 - 2 mm in size set in a quartz-carbonate (and sericitic) matrix. Other layers are almost exclusively carbonate. The host rock is believed to have been some form of deformed or sheared quartz carbonate alteration.

**SAMPLE 96360X.**

In reflected light the opaque content is between 1 and 2% and the mode is visually estimated to be as follows:

Pyrite:	70%
Magnetite:	30%
Chalcopyrite:	Tr.

Pyrite in crystals and ragged grains up to 0.1 mm in size is disseminated throughout the rock. A concentration of magnetite grains in the 0.05 - 0.1 mm size range occurs in a shear or seam of this rock. Chalcopyrite is identified as grains in the 2 - 20 micron size range, usually in patches within the carbonate.

The host rock is seen to be composed of microcrystalline, sutured intergrowths of siliceous material. Developed on the siliceous material are granular corroded aggregates of magnesite and minor chrome rich sericite (fuchsite). The rock is veined extensively by coarse grained ankerite that vary in widths from 0.5 mm up to 1.5 cm. Two generations of carbonate veining are noted. The second generation is composed of a ferruginous magnesite.

Based on the presence of some of these minerals it is thought that this rock might represent an alteration of a pre-existing mafic or ultramafic rock.

**SAMPLE 96361X.**

Minor amounts of hematite are seen to be disseminated in the section. A significant amount of limonite is present in vugs within carbonate veins. The rock is a silicified one with a host not unlike the previous sample. However, little remains and the rock is rich in carbonate plus or minus quartz veining.

**SAMPLE 96362X.**

In reflected light the opaque content is about 3%. These opaques are dominated by pyrite in grains to 0.25 mm. The pyrite tends to occur in concentrations of grains and in seams and veins. Rare, 20 - 30 micron size grains of chalcopyrite are noted in the gangue. Also, a few grains of galena in the 10 - 15 micron size range are noted in the core of a pyrite seam.

In transmitted light the matrix of this sample is essentially the same as that of sample 96360X. This matrix appears to have been somehow deformed and altered. It is extensively veined by carbonate plus or minus quartz. More than one stage of veining is evident. As in the previous sample, 96360X, this sample is thought to be an ultramafic alteration product.

**DISCUSSION:**

The last four sections have little economic mineralization. Based on their textures and mineral assemblages these rocks may be alteration products of mafic rocks. The presence of magnesite, fuchsite and the extensive veining suggests profound alteration of a Mg & Cr rich source.

A few photomicrographs have been taken. These are captioned and appended.

Yours truly,

A handwritten signature in black ink, appearing to read 'J.A. McLeod', with a long horizontal flourish extending to the right.

J.A. McLeod.



**APPENDIX V**  
**ROCK SAMPLE DESCRIPTIONS**

## ROCK SAMPLE DESCRIPTIONS

Sample No.	Grid Coord.	Description
1-040	18120E 9375N	-grab, boulder at Plug showing, 20% 2 to 10 mm white calcite veinlets within a grey sericite matrix, weak silicification, traces of fuchsite
1-041	18120E 9375N	-grab, boulder at Plug showing, strong carbonate veining, within a rusty, sericitic matrix, weak silicification, traces of fuchsite
1-055	19250E 7825N	-old AX drill core, grab, maroon to green volcanics, 1 to 5 mm white calcite veinlets @ 60° to core, trace of fuchsite
1-056	19250E 7825N	-old AX drill core, grab, maroon volcanic, zones of carbonate alteration, minor calcite on fractures, traces of fuchsite
1-229	18120E 9375N	-grab, weakly silicified breccia, slickensides or fractures with epidote, hematite
1-230	18120E 9375N	-grab, quartz stockwork, fuchsite, 20 centimetres wide
1-231	18120E 9375N	-grab, white calcite veinlets, minor rustiness, greenish stain
1-232	18120E 9375N	-grab, float, 1 mm white quartz stringers, hematite, epidote on margins, weakly silicified, weakly magnetic, intrusive?

**APPENDIX VI**  
**SUMMARY OF 1996 WORK**

## Goldcliff Resource Corp

## S Claims, Grid Work, 1996

line	station to-from	grid m	soils no.	mag m	vlf m
BL 20450E	9100N-9400N	300	12	300	300
BL 20450E	9100N-8800N	300	12	300	300
BL 20350E	9100N-9400N	300	13	300	300
BL 20350E	9100N-8700N	400	15	400	400
BL 20250E	9100N-9400N	300	-	300	-
BL 20250E	9100N-8625N	475	-	475	-
BL 20150E	9100N-9400N	300	13	300	300
BL 20150E	9100N-8450N	650	26	650	650
BL 20050E	9100N-1000N	900	37	900	900
BL 20050E	9100N-8550N	550	-	550	-
BL 19950E	9100N-9700N	600	-	600	-
BL 19950E	9100N-8275N	825	-	825	-
BL 19900E	9100N-8500N	600	25	400	400
BL 19850E	9100N-9700N	600	-	600	-
BL 19850E	9100N-8050N	1050	-	1050	-
BL 19800E	9100N-8500N	600	25	400	400
BL 19750E	9100N-9700N	600	24	600	600
BL 19750E	9100N-7750N	1350	52	1350	1350
BL 19700E	9100N-8500N	600	25	400	400
BL 19650E	9100N-9625N	525	-	525	-
BL 19650E	9100N-8000N	1100	14	1100	
BL 19600E	9100N-8500N	600	25	400	400
BL 19550E	9100N-9700N	600	-	600	-
BL 19550E	9100N-7700N	1400	23	1400	
BL 19450E	9100N-9700N	600	-	600	-
BL 19450E	9100N-7600N	1375	-	1375	
BL 19350E	9100N-9700N	600	61	600	600
BL 19350E	9100N-7575N	1525	56	1525	1525
BL 19250E	9100N-9700N	600	-	600	-
BL 19250E	9100N-7450N	1650	62	1650	1650
BL 19150E	9100N-9700N	600	25	600	600
BL 19150E	9100N-7450N	1650	64	1650	1650
BL 19050E	9175N-9650N	475	-	475	-
BL 18950E	9175N-9725N	550	-	550	-
BL 18850E	9175N-9725N	550	-	550	-
BL 18750E	9175N-9775N	600	-	600	-

line	station to-from	grid m	soils no.	mag m	vlf m
BL 18650E	9175N-11175N	2000	60	2000	2000
BL 18550E	9175N-11250N	2075	57	2075	2075
BL 18450E	9175N-11050N	1950	45	1950	2075
BL 18350E	9175N-11250N	2075	60	2075	2075
BL 18250E	9175N-11250N	2075	61	2075	2075
BL 18150E	9175N-11250N	2075	61	2075	2075
BL 18050E	9175N-11250N	2050	60	2050	2050
BL 17950E	9175N-11200N	2025	59	2025	2050
BL 17850E	9175N-11175N	2000	51	2000	2000
BL 17750E	9175N-11250N	2075	82	2075	2075
BL 17650E	9175N-11250N	2075	84	2075	2075
BL 17550E	9175N-11200N	2025	80	2025	2025
BL 17450E	9175N-11200N	2025	79	2025	2025
BL 17350E	9175N-9800N	625	26	625	
BL 17250E	9175N-9850N	675	28	675	
BL 17150E	9175N-9875N	700	29	700	
BL 17050E	9175N-9850N	675	28	675	
BL 16950E	9175N-10050N	875	36	875	
BL 16850E	9175N-10175N	1000	41	1000	
TL 21650E	7450N-9350N	1900	77	1900	1900
TL 21550E	7450N-9350N	1900	76	1900	1900
TL 21450E	7450N-9350N	1900	77	1900	1900
TL 21350E	7450N-9350N	1900	77	1900	1900
TL 21250E	7450N-9350N	1900	77	1900	1900
TL 21150E	7450N-9350N	1900	77	1900	1900
TL 21050E	7450N-9350N	1900	69	1900	1900
TL 20950E	7450N-9350N	1900	70	1750	1900
TL 20850E	7450N-9350N	1900	71	1775	1900
TL 20750E	7450N-9350N	1900	77	1900	1900
TL 20650E	7450N-8775N	1325	53	1325	1325
TL 20550E	7450N-8750N	1300	49	1300	1300
TL 20450E	7450N-8550N	1300	49	1300	1300
TL 20350E	7450N-8525N	1075	44	1075	1075
TL 20250E	7450N-8350N	900	36	900	900
TL 20150E	7450N-8275N	825	33	900	900
TL 20050E	7450N-8250N	800	33	800	800
TL 19950E	7450N-8150N	700	29	700	700
TL 19850E	7450N-8000N	550	23	550	550

line	station to-from	grid m	soils no.	mag m	vlf m
7450N	19150E-22000E	2850	-	2850	-
9100N	16650E-20600E	3950	-	3950	-
Totals (all pages)		91,950	2,733	90,950	67,260

Analyzed	2697 soils	ICP and Au
	17 silts	ICP and Au
	17 silts	30 gram Au
	7 rocks	ICP and Au

**APPENDIX VII**  
**GEOPHYSICAL INTERPRETATION**

## PLUG PROPERTY GEOPHYSICAL INTERPRETATION SUMMARY

### Discussion of Results

A total of 85.4 km. of reconnaissance total field magnetic survey and 66.85 km. of VLF EM survey were carried out on the large Plug Project grid. Magnetic survey was performed on 6.4 km. of base lines in the area. The survey grid can be divided into two blocks. The northwest block covers the Plug showing and the larger southeast block encompasses the Meadow showing. A total of 6.4 km. of detail magnetic and VLF EM survey were carried out on the Plug and Meadow showings.

A minimum curvature gridding process with a grid cell size of 10 meters was used to grid and contour the magnetic data. This process accurately defines local magnetic values but does not enhance trends across large line separations, which, on the map, may be evident to the observer. For this reason a number of isolated highs and lows are evident, especially in the southeastern region of the survey grid as shown on Figure # 1.

Magnetic results indicate four general magnetic domains within the survey area as determined by total field magnetic values. Magnetic lineaments trend mainly northeast and northwest.

VLF EM profiles show a moderate to strong response to conductivity as displayed on Figure # 2. Negative topographic bias, due to down-slope VLF instrument orientation, can be seen in the southeastern half of the southeast block. Interpreted VLF conductors trend east-west, northeast and northwest as shown on the interpretation map, Figure # 3. Two conductors are probably due to cultural objects and have been tagged with an "F" to denote a fence and "F?" to denote a possible fence or other cultural cause.

### Conclusions

Local surface rock types are believed to be volcanics and metavolcanics which define the first two magnetic domains. The first domain is shown by a large number of local magnetic highs and lows (a mottled appearance) in the southwest half of the southeastern block. This domain is believed to reflect metavolcanic rocks with local variations and concentrations of magnetic minerals. This first domain appears to be separated from the second by a northeast trending fault zone as shown by an interpreted magnetic lineament between 669900E, 5589650N and 671600E, 5590750N. The second domain is believed to incorporate much of the rest of the survey grid to the northwest and represent surface volcanic rocks. The third is the most magnetic domain in the area as shown by the large magnetic high seen in the southeast block. This feature is believed to represent intrusive rock, possibly granitoid, which underlies the volcanic cover and/or unconsolidated surficial deposits. The fourth domain is interpreted as altered intrusive rock related to the third domain (possible parent) intrusive. This material is interpreted to underly the first two domains in both blocks as shown on the interpretation map.

VLF EM conductors, other than those tagged F or F?, are believed to be caused by bedrock conductivity, in some cases possibly confined to structural features. The most important conductors are within the mineral showing detail grids.

The Plug mineral showing occurs within interpreted altered intrusive rock and appears to be associated with VLF conductivity and an interpreted fault intersection in the center of the detail survey grid. VLF conductors in the detail grid vary from strong to weak, are of short strike length and are near surface, possibly reflecting the mineralization shown within the small grid.



The Meadow showing seems to be in a more complex structural, conductive and alteration environment. The mineralization is believed to be related to conductivity within a northeast trending fault. This conductor and fault form the northern boundary between altered intrusive rock and the unaltered parent intrusive material. An east-west and a northwest interpreted lineament appear to form a triangular structural pattern which may provide structural traps for mineralization in this region. A small conductor may be associated with the southeast corner of the intersection triangle. Additional triangular fault intersections coincident with portions of the altered intrusive rock can be seen to the northeast of the meadow showing along the same northeast trending fault, although no conductivity can be seen here, possibly due to the lack of sufficient VLF EM survey coverage.

#### Recommendations

Based on the present geophysical interpretation, the highest priority for additional exploration is the complex environment associated with the Meadow showing. The second priority regions for additional work are the Plug showing conductors and fault intersections as well as the triangular fault intersections northeast of the meadow showing in the pockets of altered intrusive rock. Third priority targets are other conductors which occur within the altered intrusive rock. Fourth priority areas for additional exploration are conductors within the volcanic/metavolcanic regions and other interpreted structural intersections. Priorities are considered to be contingent upon the results of surface geochemical surveys and a more detailed knowledge of local geology.

**APPENDIX VIII**  
**COST STATEMENT**

## COST STATEMENT

### SALARIES

Grant Crooker, Geologist June 10-October 25, 1996 31 days @ \$ 400.00/day	\$	12,400.00
Lee Mollison, Field Assistant June 10-October 25, 1996 42 days @ \$ 200.00/day		8,400.00
Mike Harris, Field Assistant June 10-October 25, 1996 27 days @ \$ 200.00/day		5,400.00
Reg Barber, Field Assistant June 10-October 25, 1996 36 days @ \$ 200.00/day		7,200.00
Jaimee Barber, Field Assistant June 10-October 25, 1996 10 days @ \$ 150.00/day		1,500.00

### MEALS AND ACCOMMODATION

Grant Crooker - 31 days @ \$ 50.00/day	1,550.00
Lee Mollison - 42 days @ \$ 50.00/day	2,100.00
Mike Harris - 27 days @ \$ 50.00/day	1,350.00
Reg Barber - 36 days @ \$ 50.00/day	1,800.00
Jaimee Barber - 10 days @ \$ 50.00/day	500.00

### TRANSPORTATION

Vehicle Rental (Ford 3/4 ton 4x4) June 10-October 25, 1996 43 days @ \$ 60.00/day	2,580.00
Vehicle Rental (Chev 3/4 ton 4x4) June 10-October, 1996) 31 days @ \$ 60.00/day	1,860.00

Ford Gasoline	907.20
Chev Gasoline	669.60

**EQUIPMENT RENTAL**

Magnetometer (Scintrex MP-2) June 10-October 25, 1996 33 days @ \$ 25.00/day	825.00
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VLF-EM (Geonics EM-16) June 10-October 25, 1996) 33 days @ \$ 25.00/day	825.00
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**GEOCHEMICAL ANALYSIS**

2697 Soil Samples - 32 element ICP + Hg, Au @ \$ 19.70	53,130.90
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17 Silt Samples - 32 element ICP + Hg, Au @ \$ 19.70	334.90
--	--------

17 Silt Samples - Au (30 gram) @ \$ 9.75	165.75
--	--------

5 Rock Samples - 32 element ICP + Hg, Au @ \$ 23.55	117.75
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<b>SUPPLIES</b>	2,498.71
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<b>FREIGHT</b>	101.89
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<b>TOPOGRAPHIC MAP</b>	4,000.00
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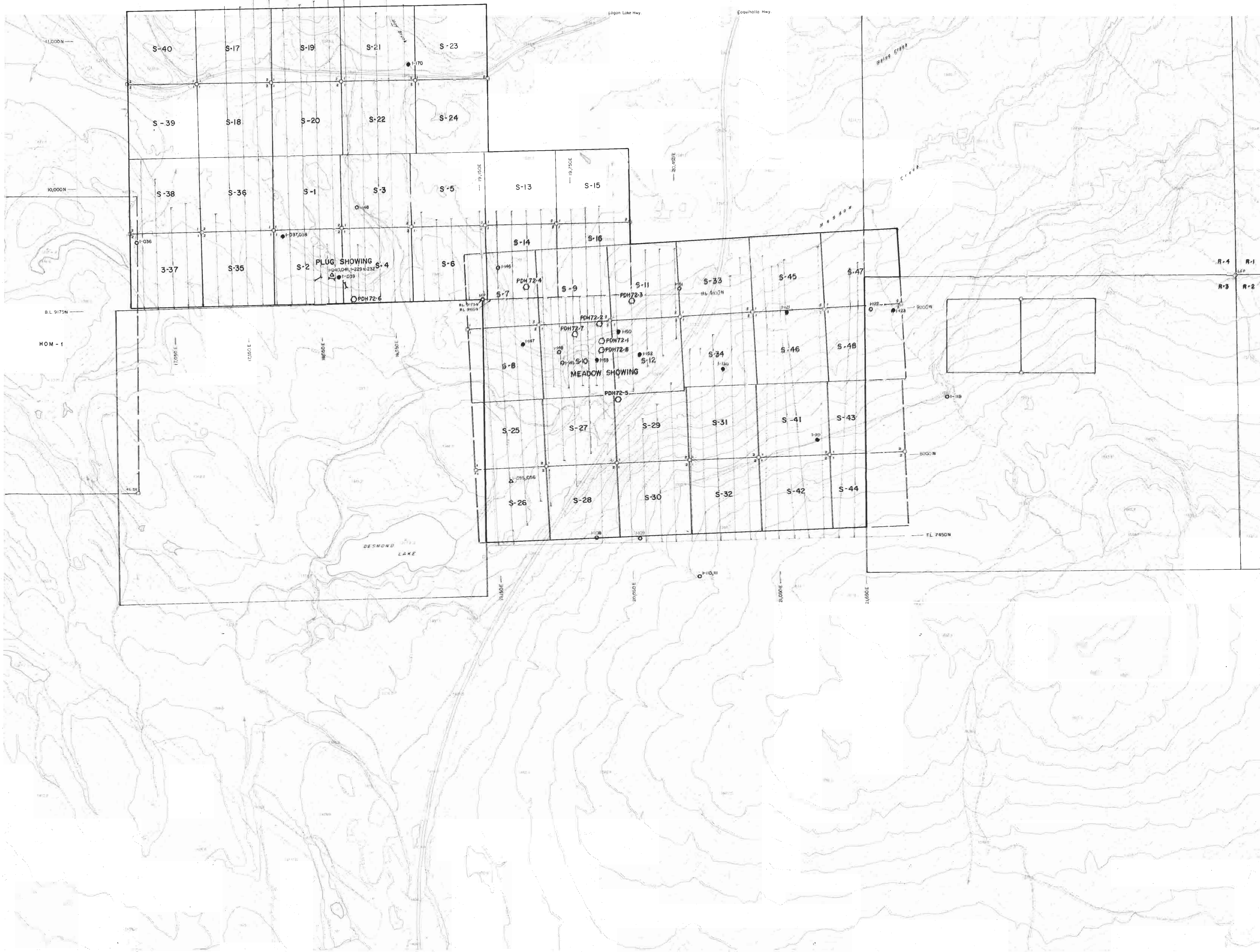
<b>TELEPHONE</b>	275.62
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<b>REPAIRS AND MAINTENANCE</b>	231.72
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<b>OFFICE SUPPLIES</b>	<u>886.77</u>
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<b>TOTAL \$</b>	<b>111,610.81</b>
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- 1-151 Silt sample location & No.
- Anomalous silt sample, Au >15 ppb
- Rock sample location & No.
- PDH 72-3 Percussion drill hole location & No.
- Trench
- Legal corner post
- Claim post - 1 Initial, 2 Final
- Property boundary

Contour interval = 5m

GEOLOGICAL SURVEY BRANCH  
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SAMPLE PLAN

Sample No	Meth	Au ppb	Ag ppm	Hg ppm	As ppm	Sb ppm	Cu ppm	
1-016	-20	10	<5	30	<0.2	2	<2	41
1-017	-20	65	<5	10	<0.2	<2	<2	33
1-018	-20	<5	<5	20	<0.2	8	<2	34
1-019	-20	220	360	<10	<0.2	<2	<2	23
1-108	-20	<5	<5	<10	<0.2	4	2	39
1-109	-20	<5	10	<10	<0.2	<2	<2	32
1-110	-20	<5	<5	<10	<0.2	8	<2	36
1-111	-20	<5	<5	<10	<0.2	2	<2	34
1-118	-20	<5	<5	10	<0.2	6	<2	36
1-119	-20	365	180	10	<0.2	4	<2	48
1-120	-20	22	<5	<10	<0.2	10	<2	32
1-121	-20	<5	195	<10	<0.2	<2	<2	34
1-122	-20	<5	<5	10	<0.2	6	<2	39
1-123	-20	765	25	<10	<0.2	<2	<2	34
1-145	-20	10	<5	<10	<0.2	2	4	41
1-146	-20	<5	<5	<10	<0.2	<2	6	17
1-147	-20	<5	220	10	<0.2	<2	8	18
1-148	-20	<5	<5	10	<0.2	10	<2	19
1-149	-20	<5	1	20	<0.2	4	8	25
1-150	-20	5	30	10	<0.2	<2	<2	19
1-151	-20	<5	15	10	<0.2	2	<2	19
1-152	-20	25	30	10	<0.2	8	4	31
1-153	-20	<5	20	10	<0.2	6	8	30
1-170	-20	260	285	10	<0.2	<2	<2	30

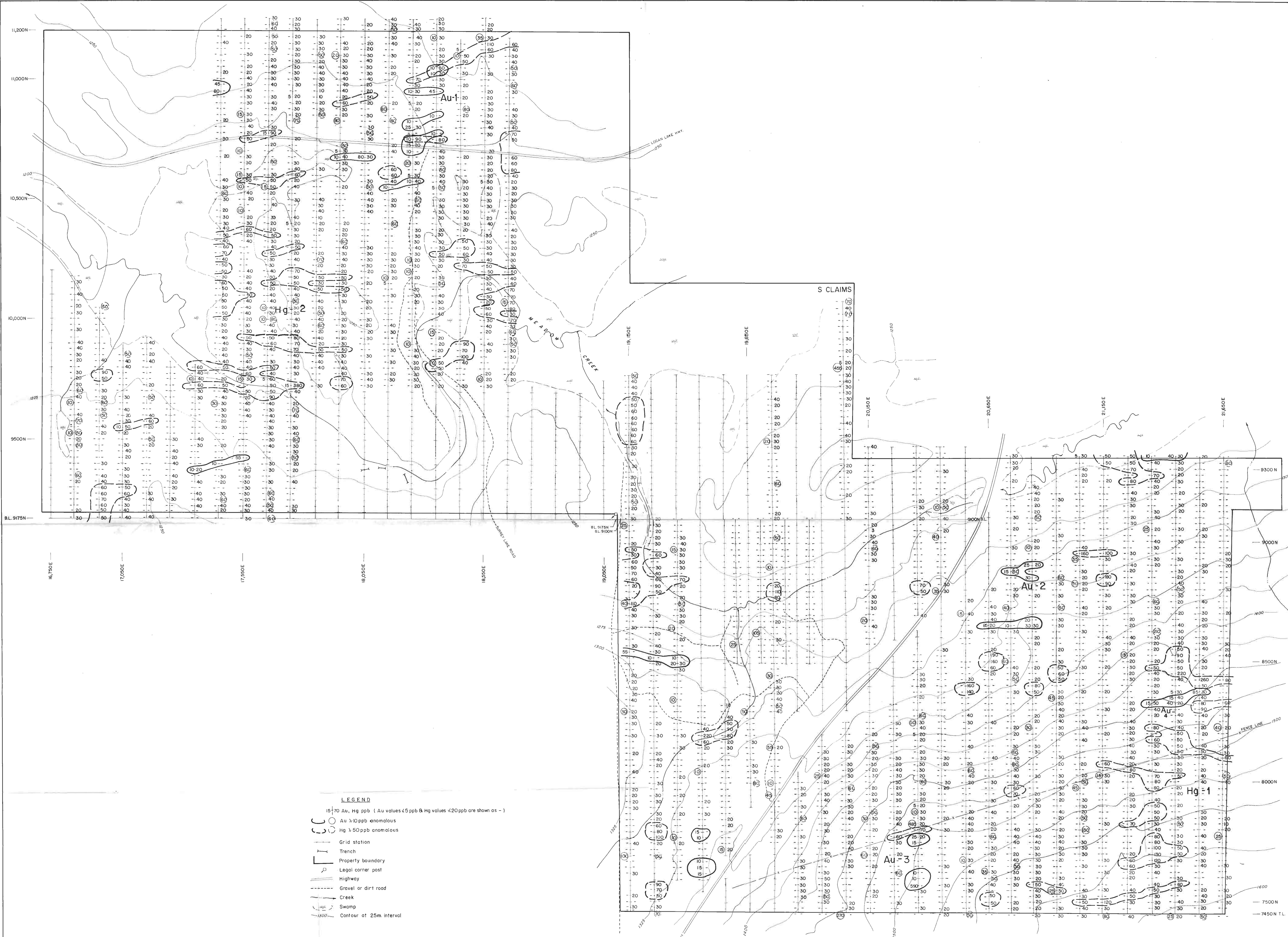
Sample No	Au ppb	Hg ppm	Ag ppm	As ppm	Sb ppm	Cu ppm
1-060	<5	20	<0.2	8	<2	<1
1-061	<5	<10	<0.2	2	2	<1
1-055	<5	<10	<0.2	<2	<2	34
1-056	<5	<10	<0.2	<2	<2	18
1-029	<5	<10	<0.2	<2	<2	34
1-120	180	1020	1.2	36	<2	23
1-231	<5	<10	<0.2	<2	8	<1
1-232	<5	70	<0.2	<2	<2	36



GEOCLIFF RESOURCE CORPORATION  
PLUG PROJECT, S CLAIMS  
SILT GEOCHEMISTRY &  
GRID LAYOUT  
KAMLOOPS M.D., B.C.

DATE: NOV 1996 SCALE: 1:5000  
DRAWN BY: GJC FIGURE: 70





- LEGEND**
- 15-70 Au, Hg ppb (Au values <5 ppb & Hg values <20 ppb are shown as -)
  - Au >10ppb anomalous
  - Hg >50ppb anomalous
  - Grid station
  - Trench
  - Property boundary
  - Legal corner post
  - Highway
  - Gravel or dirt road
  - Creek
  - Swamp
  - Contour at 25m interval

GEOLOGICAL SURVEY BRANCH  
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GEOTEC CONSULTANTS LTD.  
GOLDCLIFF RESOURCE CORPORATION  
PLUG PROJECT, S CLAIMS  
SOIL GEOCHEMISTRY  
Au and Hg  
KAMLOOPS MD, B.C.  
0 100 200 400metres  
DATE NOV 1996 SCALE 1:5000 FIGURE 8.0  
DRAWN BY G.P.C. NTS 921-76







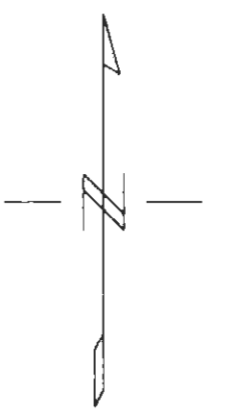






GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

24,862



Scale 1:10000  
200 0 200 400 600  
(metres)

LEGEND

Contour Intervals

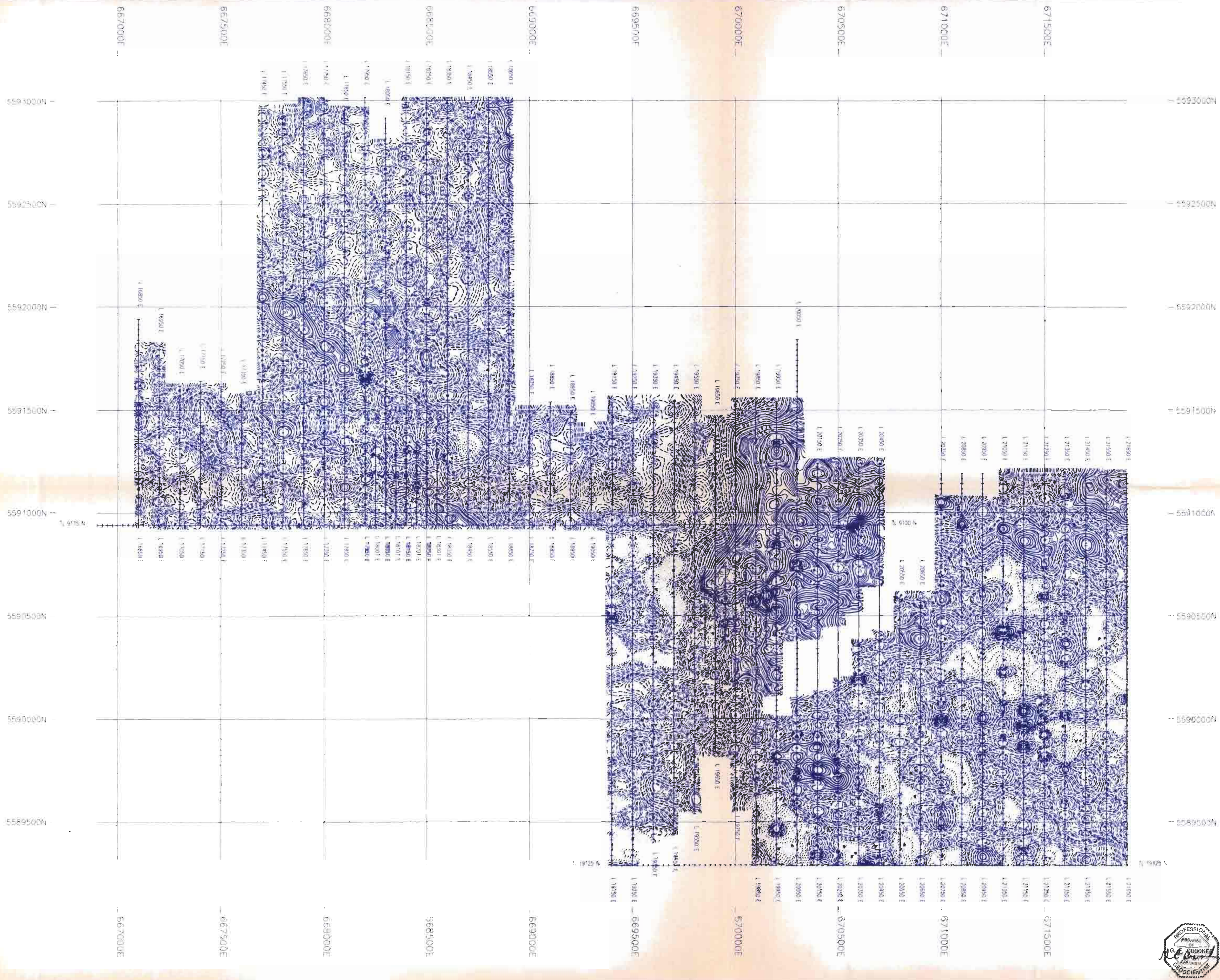
<56500 nT	56500 to 57500 nT	>57500 nT	
.....	-----	=====	10 nT
	-----	=====	100 nT

GOLDCLIFF RESOURCE CORPORATION

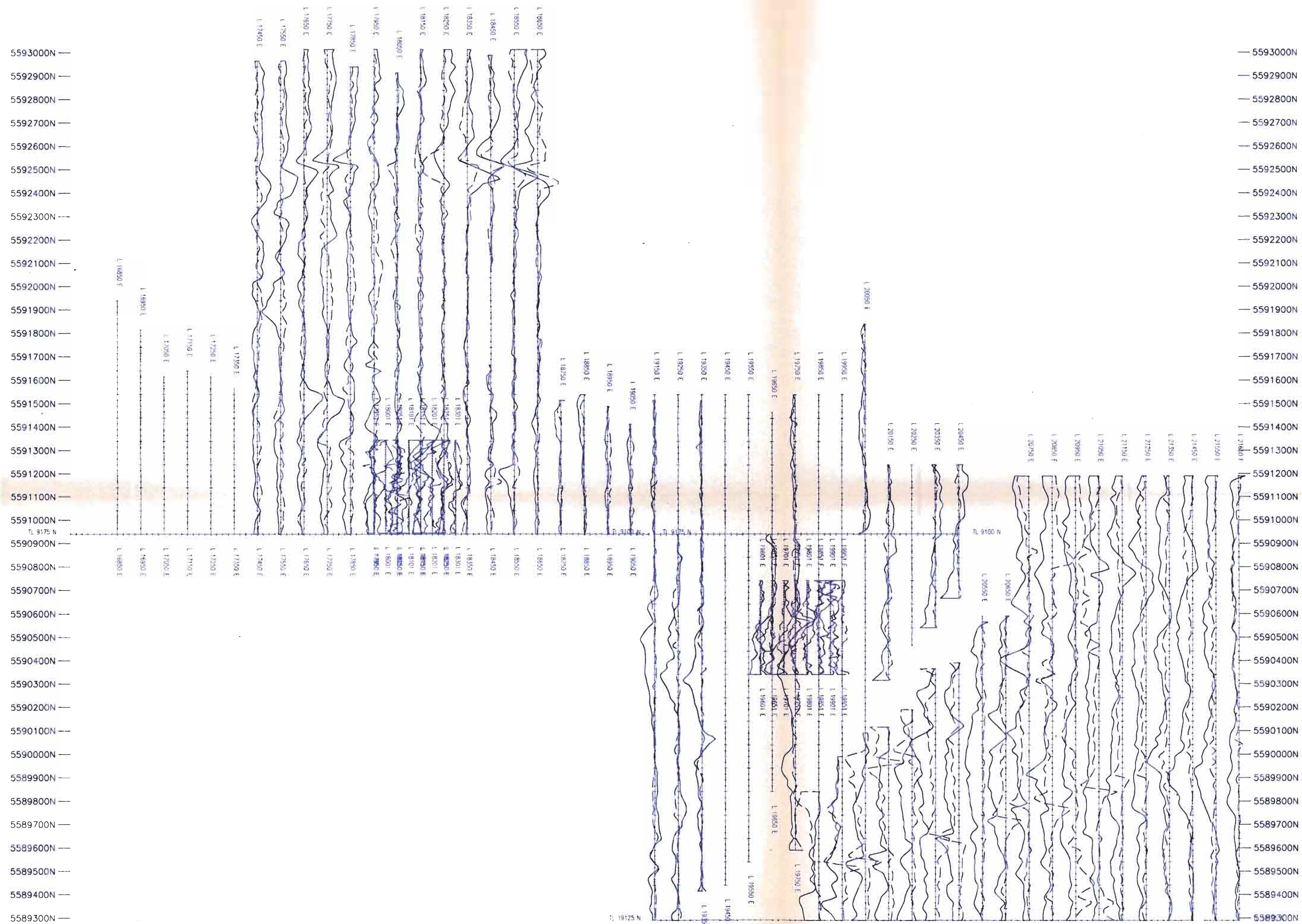
Ground Total Field Magnetic Contours

PLUG PROJECT, S Claims  
NTS 92 1/7E  
Kamloops MD, British Columbia  
Figure # 16 December 16, 1996

Geotec Consultants Ltd.

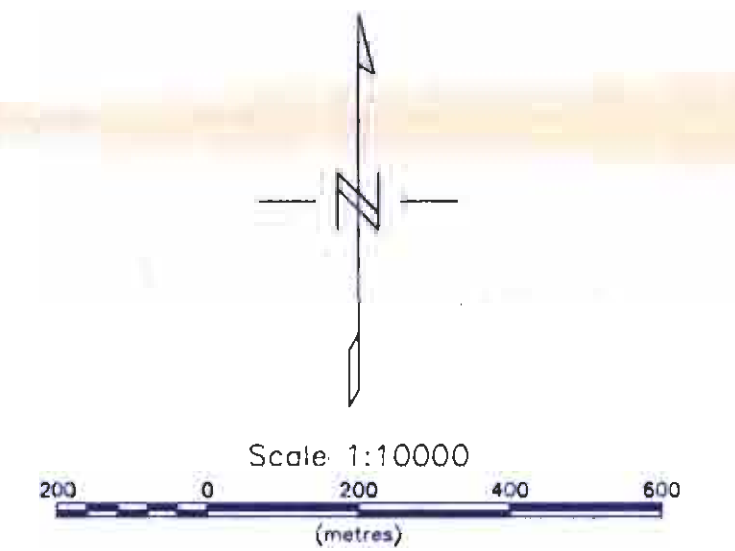






GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT

24,862



LEGEND  
NAA, Cutler, ME

- Anomalous Inflection (In-Phase)
  - In-Phase
  - Quadrature
- } 1 cm. = 50 %

GOLDCLIFF RESOURCE CORPORATION  
NAA, Cutler, ME VLF-EM PROFILES

PLUG PROJECT, S Claims  
NTS 92 1/7E  
Kamloops MD, British Columbia  
Figure # 2G December 16, 1996

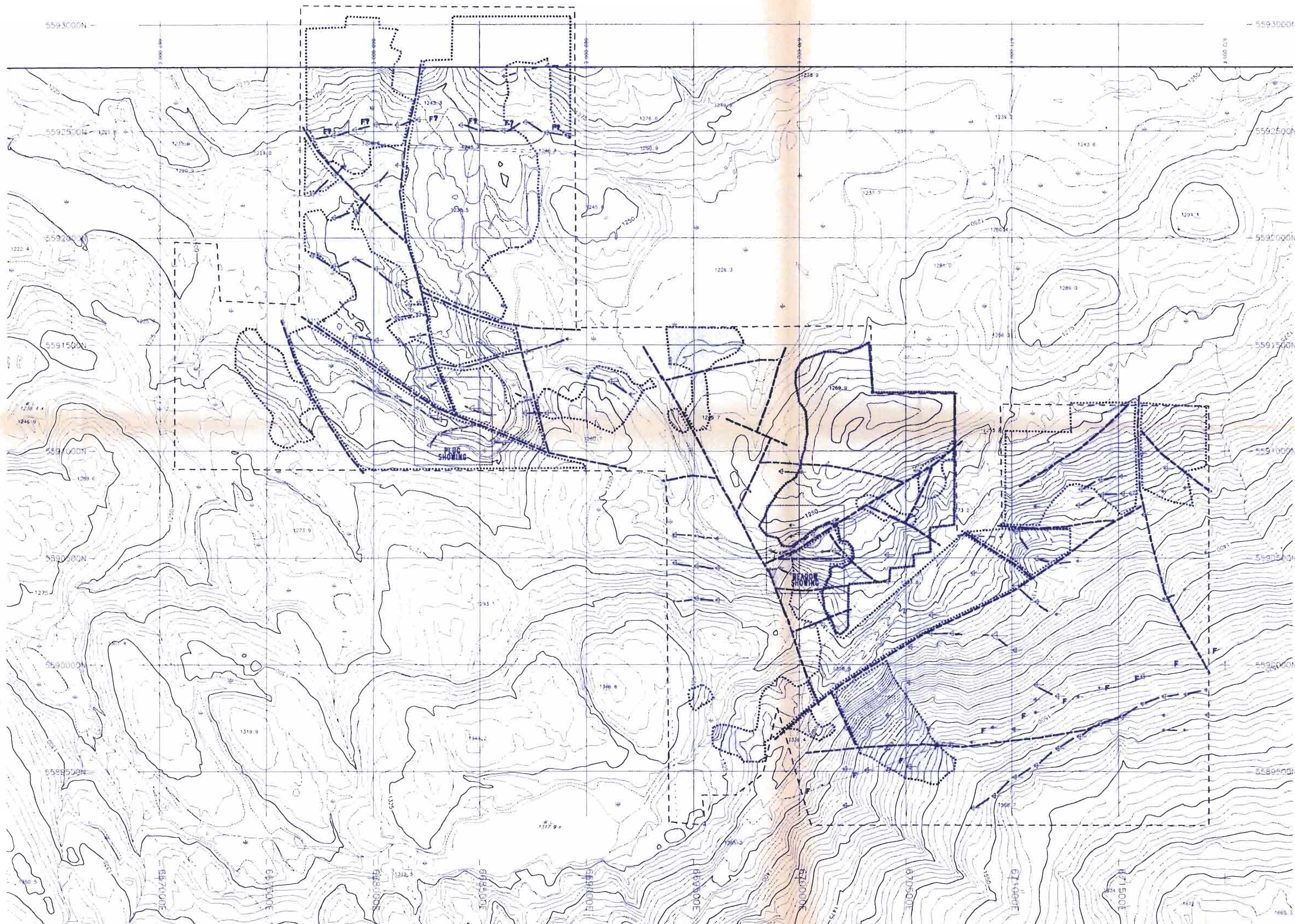


Geotec Consultants Ltd.



667000E 667500E 668000E 668500E 669000E 669500E 670000E 670500E 671000E 671500E

559300N 5592500N 5591500N 5591000N 5590500N 559000N 5589500N 5589000N

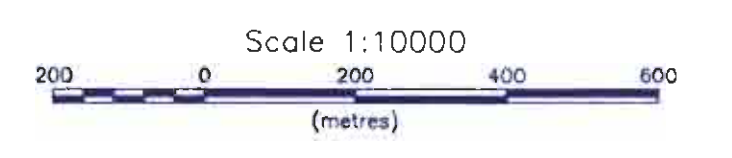
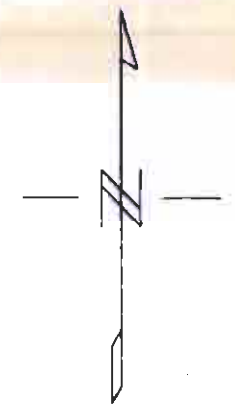


**TOPOGRAPHY LEGEND**

INDEX CONTOUR		25
INTERMEDIATE CONTOUR		
DEPRESSION CONTOUR		
LAKE		
STREAM		
INTERMITTENT STREAM		
INDEFINITE STREAM		
TREES		
SWAMP		
PAVED ROAD		
GRAVEL ROAD		
ROUGH ROAD		
TRAIL		
AREA OUTLINE		
BUILDING		
CONTROL POINT		208
CULVERT		
UTILITY POLE		
SPOT HEIGHT		127.3

**GEOLOGICAL SURVEY BRANCH  
ASSESSMENT REPORT**

**24,862**



**LEGEND**

	Survey Grid Boundary	
	Detail Survey Grid Boundary	
	VLF EM Conductor	
	Interpreted Magnetic Lineament	
	Interpreted Intrusive Rock	
	Interpreted Altered Intrusive Rock	
	Fence, Possible Fence	

**GOLDCLIFF RESOURCE CORPORATION**

**GEOPHYSICAL INTERPRETATION MAP**

**PLUG PROJECT, S Claims**

NTS 92 1/7E  
Kamloops MD, British Columbia  
Figure # 3G December 16, 1996

Geotec Consultants Ltd.